BASELINE HUMAN HEALTH RISK ASSESSMENT FOR THE OGDEN RAILYARD SITE OGDEN, UTAH

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TABLE OF CONTENTS

EXE	CUTIVE	SUMMARY		<u>ES-1</u>
1.0	INTR	DUCTION		1_1
1.0	1.1		TT	
	1.1		CUMENT	
	1,2		CONILIVI	<u>1-1</u>
2.0	SITE	HARACTERIZATION		2-1
	2.1			
	2.2			
	2.3			
3.0	EXPO	TIRE ASSESSMENT		3_1
5.0	3.1			
	3.2			
	3.2			
			ıre Scenarios	
			ational Exposure Scenarios	
		3.2.4 Potential Off-Yard Reside	ential Exposure Scenarios	3-5
			Principal Concern	
	3.3		OF POTENTIAL CONCERN	
	3.4		URE	
	5			
			nts	
			ations (EPCs)	
			ters	
4.0	TOXI	ITV ASSESSMENT		<i>∆</i> _1
7.0	4.1			
	4.2			
	7,2	TOMETT VILLES		<u>+ J</u>
5.0	RISK			
	5.1			
	5.2		ARD WORKERS	
			sion	
	5.3	RISK ESTIMATES FOR OFF-Y	ARD RESIDENTS	<u>5-6</u>
		5.3.2 Risks from Groundwater		<u>5-6</u>

		5.3.3 Risks from Soil Gas Intrusion	<u>5-6</u>
	5.4	RISK ESTIMATES FOR OFF-YARD RECREATIONAL VISITORS	<u>5-7</u>
		5.4.1 Risks from Surface Water and Sediment	<u>5-7</u>
		5.4.2 Risks from Soil	<u>5-7</u>
		5.4.3 Risks from Ingestion of Fish	<u>5-7</u>
6.0	UNCI	ERTAINTIES	<u>6-1</u>
	6.1	UNCERTAINTIES IN EXPOSURE ESTIMATION	<u>6-1</u>
	6.2	UNCERTAINTIES IN TOXICITY VALUES	<u>6-5</u>
	6.3	UNCERTAINTIES IN RISK ESTIMATES	<u>6-6</u>
	6.4	SUMMARY OF UNCERTAINTIES	6-7
7.0	REFE	RENCES	<u>7-1</u>
APP	ENDICI	E S	
Appe	ndix A	Data Used in Risk Assessment (Electronic Database)	
Appe	ndix B	Relative Risk of Inhalation of Soil	
Appe	ndix C	RBC Derivation and COPC Screening Results	
Appe	ndix D	Exposure Point Concentration Values	
Appe	ndix E	Detailed Calculations of Exposure and Risk	

LIST OF FIGURES

Figure 2-1	Ogden Railyard Location Map
Figure 2-2	Ogden Railyard Areas of Interest
Figure 2-3	Location of DNAPL Zone
Figure 3-1	Site Conceptual Model for Human Exposure
Figure 3-2	COPC Selection Procedure for Human Health
Figure 3-3	Exposure Locations for Recreational Visitors
Figure 3-4	Sampling Locations for Soil Gas Flux Chambers

LIST OF TABLES

Table 2-1	Summary of Areas of Interest (AOIs)
Table 3-1	List of Quantitative COPCs
Table 3-2	List of Type 1 Qualitative COPCs
Table 3-3	List of Type 2 Qualitative COPCs
Table 3-4	Relative Toxicity of Dioxin-Like PCB Congeners
Table 3-5	Exposure Parameters for On-Yard Workers
Table 3-6	Exposure Parameters for Off-Yard Residents
Table 3-7	Exposure Parameters for Off-Yard Recreational Visitors
Table 4-1	Summary of Toxicity Values for COPCs
Table 5-1	Estimated Risks to On-Yard Workers from Incidental Ingestion of Surface Soil
Table 5-2	Estimated Risks to On-Yard Workers from Incidental Ingestion of Lead in
	Surface Soil
Table 5-3	Estimated Risks to On-Yard Workers from Ingestion of Groundwater
Table 5-4	Estimated Risks to On-Yard Workers from Inhalation of VOCs Released to
	Indoor Air from Indoor Uses of Groundwater
Table 5-5	Estimated Risks to Workers from Inhalation of VOCs from Soil Gas Intrusion
Table 5-6	Estimated Risks to Off-Site Residents from Inhalation of Dust Particles in Air
Table 5-7	Estimated Risks to Residents from Ingestion of Groundwater
Table 5-8	Estimated Risks to Residents from Inhalation of VOCs Released to Indoor Air
	from Indoor Uses of Groundwater
Table 5-9	Estimated Risks to Recreational Visitors from Incidental Ingestion of Surface
	Water and Sediment
Table 5-10	Estimated Risks to Recreational Visitors from Incidental Ingestion of Surface Soil
Table 5-11	Estimated Cancer Risk to Recreational Visitors from Ingestion of PCBs (as
	Congeners) in Fish
Table 6-1	Sources and Estimated Direction and Magnitude of Uncertainties in Risk
	Estimates

LIST OF ACRONYMS AND ABBREVIATIONS

AF Absorption Fraction
Ah Aryl Hydrocarbon
AOI Area of Interest
AT Averaging Time
AtF Attenuation Factor

BKSF Biokinetic Slope Factor for lead

BW Body Weight

C Concentration of a chemical in an environmental medium

COPC Chemical of Potential Concern
CTE Central Tendency Exposure

DCE 1,2-Dichloroethene

DI Daily Intake of a chemical
DI_L Daily Intake - Lifetime Average
DNAPL Dense Non-Aqueous Phase Liquid
D&RGW Denver & Rio Grande Western Railroad

ED Exposure Duration
EF Exposure Frequency

EOP Estimated Order of Potency
EPC Exposure Point Concentration
GSD Geometric Standard Deviation

HEAST Health Effects Assessment Summary Table

HI Hazard Index

HIF Human Intake Factor
HQ Hazard Quotient
IR Ingestion Rate

IRIS Integrated Risk Information System
LOAEL Lowest-Observed-Adverse-Effect-Level

NCEA National Center for Environmental Assessment

NOAEL No-Observed-Adverse-Effect-Level

OUR&D Ogden Union Railway & Depot Company

P10 Probability of blood lead concentration exceeding 10 ug/dL

PAH Polyaromatic Hydrocarbon

PbB Blood Lead Concentration (ug/dL)
PbS Mean Lead Concentration in Soil

PCB Polychlorinated Biphenyl
PEF Particulate Emission Factor

LIST OF ACRONYMS AND ABBREVIATIONS (cont.)

RAGS Risk Assessment Guidance for Superfund

RBC Risk-Based Concentration

RfD Reference Dose

RI Remedial Investigation

RME Reasonable Maximum Exposure SAP Sampling and Analysis Plan

SF Cancer Slope Factor

SPRR Southern Pacific Railroad

TCE Trichloroethene

TCDD 2,3,7,8-Tetrachlorodibenzo-*para*-dioxin

TEF Toxicity Equivalency Factor

TF Transfer Factor

TEQ TCDD Equivalent Concentration
UCL Upper Confidence Limit of the Mean

UPRR Union Pacific Railroad

USEPA United States Environmental Protection Agency

VOC Volatile Organic Compound

EXECUTIVE SUMMARY OGDEN RAILYARD HUMAN HEALTH RISK ASSESSMENT

INTRODUCTION

This document is a baseline human health risk assessment for the Ogden Railyard Superfund site, located in Ogden, Utah. The purpose of this document is to assess the potential risks to humans, both now and in the future, from contaminants in sediment, surface water, soils, groundwater and soil gas that are present on the railyard site ("on-yard") and in nearby areas surrounding the site ("off-yard"), assuming that no steps are taken to remediate or cleanup the environment or to reduce human contact with the contaminated media. The methods used to evaluate risks to humans and the environment in this baseline risk assessment are consistent with current guidelines provided by the United States Environmental Protection Agency (USEPA) for use at Superfund sites.

The results of this baseline risk assessment are intended to help inform risk managers and the public about potential risks which are attributable to site-related contaminants and to help determine the need for remedial action.

SITE CHARACTERIZATION

The Ogden Railyard Site is located in Weber County, Utah, just west of the City of Ogden. A general map of the site is shown in Figure ES-1. The railyard extends from Riverdale Road on the south to the 20th Street overpass on the north, a distance of about 3.4 miles. The site is bounded on the west by the Weber River and on the east by Wall Avenue and Pacific Avenue in the City of Ogden.

The site has been used as a railyard since 1869. Since that time, four railroad companies, including the Union Pacific Railroad (UPRR), Southern Pacific Railroad, Denver and Rio Grande Western Railroad, and the Ogden Union Railway and Depot Company, have built and operated on various portions of the site. The entire yard is currently under the ownership of UPRR, with the exception of a facility owned and operated by Atlas Steel.

At present, the western perimeter of the railyard is a riparian zone along the banks of the Weber River. North of the site is a small pond (the 21st Street Pond) that receives water from the Ogden River and is used by area residents for fishing and may also be used for swimming. The eastern perimeter of the railyard is occupied by a number of railroad-related as well as private industrial facilities. A few residences are located near the site perimeter on the eastern side, with the largest number of residences being located east of Wall Avenue.

DATA SUMMARY AND EVALUATION

The site is of potential human health concern because of various chemicals that have been released to the environment on or near the site. In order to help assess this issue, in 1999 UPRR entered into an Administrative Order on Consent to perform a Remedial Investigation at the railyard. The primary purpose of this study was to characterize chemical contamination associated with the railyard and to determine if there were any releases to nearby off-yard areas west of the site. A Phase 1 Remedial Investigation of the nature and extent of contamination at the site was performed in 1999. The Phase 1 investigation focused on 31 Areas of Interest (AOIs) located on UPRR property, which were identified based on a review of historical aerial photographs. Analysis of soil, sediment, groundwater, and/or surface water at these AOIs revealed the presence of a number of chemicals of potential concern, including:

- Diesel fuel, grease, oils, and associated petroleum hydrocarbons
- Chlorinated solvents and associated degradation products (e.g., vinyl chloride)
- Metals
- Polycyclic aromatic hydrocarbons (PAHs)

The USEPA and the Utah Department of Environmental Quality reviewed the adequacy of the Phase 1 data to support reliable human health and ecological risk evaluations for the railyard area, and recommended additional sampling and analysis of environmental media be performed. This additional sampling is referred to as the Phase 2 investigation. During the Phase 2 investigation, two important new concerns associated with the site were identified:

• A large plume of dense non-aqueous phase liquid (DNAPL) was discovered below the ground surface at the northern end of the site. This DNAPL zone is suspected to originate at the location of a former Pintsch Gas Process plant that produced gas from petroleum products (manufactured gas). The DNAPL zone extends towards the north,

coming into direct contact with the east end of the 21st Street Pond and extending under the Ogden River.

• Polychlorinated biphenyls (PCBs) were detected in tissues of fish collected from the 21st Street Pond as well as in sediments collected from the 21st Street Pond and the Ogden River. The source of the PCBs is presently unknown.

These two new concerns generated the need to collect additional samples specifically designed to characterize the potential risk to human health and the environment from the DNAPL zone and the PCBs. This additional sampling event is referred to as the Phase 3 investigation.

The data from all of these three phases of investigation are used as the basis for assessing current and potential future risks to humans at the site. These data are presented in electronic format in Appendix A.

EXPOSURE ASSESSMENT

Site Conceptual Model

Figure ES-2 is a site conceptual model that identifies sources of contamination at the site, pathways by which site-related chemicals can migrate from one part of the environment to another, and scenarios by which humans could come into contact with site-related contaminants. Based on this model, the populations most likely to come into contact with site-related chemicals and the exposure pathways that are most likely to be of potential concern are as follows:

Exposed Population	Exposure Medium	Exposure Route
On-yard workers	Soil Soil gas Groundwater	Incidental ingestion Inhalation in buildings Ingestion, Inhalation (VOCs)
Recreational visitors	Soil Surface water Sediment Fish	Incidental ingestion Incidental ingestion Incidental ingestion Ingestion

Exposed Population	Exposure Medium	Exposure Route
Off-site residents	Groundwater Airborne dust Soil gas	Ingestion, Inhalation (VOCs) Inhalation Inhalation in buildings

VOC = Volatile Organic Compound

Selection of Exposure Points

An exposure point (also referred to as an exposure unit or an exposure area) is an area where a receptor (worker, resident, or recreational visitor) may be exposed to one or more contaminated environmental media. Selection of the bounds of an exposure point is based mainly on a consideration of the likely activity patterns of the exposed receptors; that is, an exposure point is an area within which a receptor is likely to spend most of their time and to move about more or less at random.

On-Yard Workers

For on-yard workers, exposures to soil and groundwater were evaluated at each AOI established during the on-site investigations. Potential exposures to volatile organic compounds (VOCs) released into indoor air from soil gas emanating from water and/or soil were evaluated at all AOIs where soil gas data were available.

Off-Yard Residents

For off-site residents, exposure to dust blowing in air was evaluated by dividing the off-yard residential area into four zones and estimating the exposure that would result from dust blowing from adjacent on-yard locations.

For hypothetical future exposure of residents to groundwater, exposures were evaluated based on the conservative assumption that if contaminated groundwater moved off-site, the concentration would remain the same as has been measured at the various on-site source areas (AOIs). Thus, potential future risks to off-yard residents were estimated based on AOI-specific groundwater measurements, similar to the approach used for on-yard workers.

Data are not currently available to identify exposure points or estimate potential exposure concentrations at off-site locations from site-related releases of soil gas. This pathway will be assessed after more data are collected.

Recreational Visitors

Recreational visitors might come into contact with contaminants at a number of different locations along the Weber and the Ogden Rivers. For the purposes of this assessment, a series of 9 areas were identified for use in evaluation of recreational visitor exposures. These are listed below:

River	Designation	Description
Ogden	A	East of Wall Ave; treat as "background"
	В	Wall Ave to 21st Street Pond
	С	Downstream of 21st Street Pond
		21st Street Pond
Weber	A	Upstream (south) of railyard; treat as "background"
	В	From southern end of railyard to 33rd Street
	С	33rd Street to 24th Street
	D	North of 24th Street to confluence with Ogden River
		Buena Ventura Park Pond

Chemicals of Potential Concern

Chemicals of potential concern (COPCs) are chemicals which exist in the environment at concentrations that might be of potential health concern to humans. COPCs in soil and groundwater were identified by comparing the maximum detected concentration of each chemical in each medium to a conservative risk-based concentration (RBC). If the maximum detected concentration was lower than the RBC, it was concluded the chemical was not present at a concentration of potential concern, and that chemical was not evaluated further. If the maximum detected concentration exceeded the RBC, it was identified as a COPC and retained

for quantitative risk evaluation. Table ES-1 summarizes the chemicals that were identified and retained as quantitative COPCs in each medium.

Quantification of Exposure

Exposure of humans to site-related chemicals was quantified using the basic equations recommended by USEPA for use at Superfund sites. This approach requires an estimate of the concentration of each COPC in the exposure medium, and an estimate of the extent of human contact with that environmental medium. These two steps are summarized below.

Calculating the Concentration Term

Ideally, the concentration term used in exposure assessment would be the true arithmetic mean concentration, averaged over the entire point (exposure area) where a person may be exposed. However, because the true arithmetic mean cannot be determined from a small set of environmental samples collected at an exposure point, the USEPA recommends using the 95% upper confidence limit (UCL) on the arithmetic mean of the available samples to ensure that the true risk is not underestimated. If the maximum detected value in an exposure area is smaller than the UCL, the maximum value is used instead. This value (the UCL or the maximum detected value) is referred to as the exposure point concentration (EPC).

In some cases, direct measurements of COPCs in a site medium were not available, so concentrations and EPCs were estimated by mathematical modeling. This approach was used for chemicals in air due to dust erosion into air, and for VOCs in indoor air that result from soil gas intrusion or from release from indoor water uses.

Human Exposure Parameters

For every exposure pathway of potential concern, it is expected that there will be differences between different individuals in the level of exposure at a specific location due to differences in intake rates, body weights, exposure frequencies and exposure durations. Thus, there is normally a wide range of average daily intakes between different members of an exposed population. Typically, attention is focused on intakes that are "average" or are otherwise near the central portion of the range, and on intakes that are near the upper end of the range (e.g., the

95th percentile). These two exposure estimates are referred to as Central Tendency Exposure (CTE) and Reasonable Maximum Exposure (RME), respectively.

The USEPA has collected a wide variety of data and has performed a number of studies to help establish default values for most residential and worker exposure parameters, and some recreational exposure parameters. Whenever possible, human exposure parameters were derived from USEPA guidance. In some cases, no data or guidance was available, and these exposure parameters were selected based on professional judgement. The specific exposure parameters selected for use at this site are detailed in Section 3.4.4 of the main report.

TOXICITY ASSESSMENT

The basic objective of a toxicity assessment is to identify what adverse health effects a chemical causes, and how the occurrence of these adverse effects depends on the level of exposure. In addition, the toxic effects of a chemical frequently depend on the route of exposure (oral, inhalation, dermal) and the duration of exposure (subchronic, chronic or lifetime). Thus, a full description of the toxic effects of a chemical includes a listing of what adverse health effects the chemical may cause, and how the occurrence of these effects depends upon dose, route, and duration of exposure.

The toxicity assessment process is usually divided into two parts: the first characterizes and quantifies the non-cancer effects of the chemical, while the second addresses the cancer effects of the chemical. This two-part approach is employed because there are typically major differences in the time-course of action and the shape of the dose-response curve for cancer and non-cancer effects.

Non-Cancer Effects

Essentially all chemicals can cause adverse health effects if given at a high enough dose. However, when the dose is sufficiently low, typically no adverse effect is observed. Thus, in characterizing the non-cancer effects of a chemical, the key parameter is the threshold dose at which an adverse effect first becomes evident. Doses below the threshold are considered to be safe, while doses above the threshold are likely to cause an effect. Non-cancer risk evaluations are based on a value referred to as the Reference Dose (RfD), which is a conservative estimate of

the threshold dose. Exposure to doses below the RfD are likely to be without appreciable risk of deleterious effects during a lifetime, even in sensitive individuals.

Cancer Effects

For cancer effects, the toxicity assessment process has two components. The first is a qualitative evaluation of the weight of evidence (WOE) that the chemical does or does not cause cancer in humans. For those chemicals which are judged to definitely or possibly cause cancer in humans, the second part of the toxicity assessment is to describe the carcinogenic potency of the chemical. This is done by estimating the cancer slope factor (SF), which quantifies how the numbers of observed cancers in exposed animals or humans increases as the dose increases.

Toxicity Values Used in this Assessment

Toxicity values (slope factors and/or reference doses) that have been established by USEPA are available through EPA's Integrated Risk Information System (IRIS), and in EPA's Health Effects Assessment Summary Tables (HEAST). Provisional toxicity values are also available from EPA's Superfund Technical Assistance Center operated by the National Center for Environmental Assessment (NCEA). Chemical-specific toxicity values used for this risk assessment are presented in Section 4 (Table 4-1 of the main report).

RISK CHARACTERIZATION

Method for Characterizing Non-cancer Risks

The potential for non-cancer effects from exposure to a chemical is evaluated by comparing the estimated daily intake of the chemical over a specific time period with the RfD for that chemical derived for a similar exposure period. This comparison results in a non-cancer Hazard Quotient, as follows:

HQ = DI / RfD

where:

HQ = Hazard Quotient

DI = Daily Intake (mg/kg-day) RfD = Reference Dose (mg/kg-day)

If the HQ for a chemical is equal to or less than one, it is believed that there is no appreciable risk that non-cancer health effects will occur. If an HQ exceeds one, there is some possibility that non-cancer effects may occur, although an HQ above one does not indicate an effect will definitely occur. If an individual is exposed to more than one chemical, a screening-level estimate of the total non-cancer risk is derived simply by summing the HQ values for that individual. This total is referred to as the Hazard Index (HI).

Method for Characterizing Cancer Risks

The risk of cancer from exposure to a chemical is described in terms of the probability that an exposed individual will develop cancer because of that exposure by age 70. For each chemical of concern, this value is calculated from the daily intake of the chemical from the site, averaged over a lifetime (DI_I), and the slope factor (SF) for the chemical, as follows:

Cancer Risk =
$$DI_L \cdot SF$$

Excess cancer risks are summed across all chemicals of concern and all exposure pathways that contribute to exposure of an individual in a given population.

The level of total cancer risk that is of concern is a matter of personal, community, and regulatory judgement. In general, the USEPA considers excess cancer risks below about one in one million (1 in 1,000,000) to be so small as to be negligible, and risks above one in tenthousand (1 in 10,000) to be sufficiently large that some sort of remediation is usually desirable. Excess cancer risks that range between these two values are generally considered to be acceptable, although this is evaluated on a case by case basis.

Risk Estimates for On-Yard Workers

Section 5.2 of the main report presents detailed tables of risk estimates for on-yard workers. The main findings are summarized below.

Risks from Soil

Non-cancer HI values at most AOIs do not exceed a value of one for either the CTE or the RME receptor. The exception is for AOI 21, where non-cancer risks for RME workers are slightly above one, mainly from the ingestion of arsenic. Cancer risks are mainly within or below EPA's risk range (1 in 10,000 to 1 in 1,000,000), except for RME workers at AOI 21 and 27. At AOI 21, cancer risk to an RME worker may reach a level of 2 in 10,000, due mainly to the presence of arsenic. At AOI 27, cancer risk to an RME worker may reach 7 in 10,000, due mainly to PAHs (especially benzo(a)pyrene) in soil.

Risks from Groundwater

Ingestion of groundwater would be of clear and substantial non-cancer and cancer concern to workers at a number of AOIs. In most cases the excess cancer risk is due primarily to vinyl chloride, although arsenic and benzo(a)pyrene contribute to the risk in a few cases. Non-cancer risk drivers vary from AOI to AOI, with most of the risk coming from vinyl chloride, arsenic, antimony, naphthalene, benzene, trichloroethene, or acetone.

Inhalation of VOCs that could be released from water into indoor air are also of potential concern at a number of AOIs. Excess cancer risks above EPA's usual maximum of 1 in 10,000 are attributable to several different chemicals including vinyl chloride, benzene, ethylbenzene, and 1,2,3-trichloropropane. Non-cancer risks are due mainly to naphthalene and 1,2-dichloroethene, with benzene, vinyl chloride, 2-methylnaphthalene and acetone contributing risk in some cases.

These results indicate that groundwater beneath several areas of the site would pose a substantial risk to workers from one or both of two pathways (direct ingestion of water, inhalation of VOCs released from water) if it were ever used for drinking or other indoor purposes.

Risks from Soil Gas Intrusion

Risks from intrusion of VOCs in soil gas do not exceed EPA's target risk range for either cancer or non-cancer effects. These results indicate that soil gas intrusion is not likely to be of concern to workers in on-site buildings.

Risk Estimates for Off-Yard Residents

Section 5.3 in the main report presents detailed tables of risk estimates for off-yard residents. The main findings are summarized below.

Risks from Dust in Air

Risks to off-yard residents from inhalation of dust in air are below EPA's risk range for both cancer and non-cancer effects in all exposure zones. This indicates that dust released to off-site locations is not likely to be of health concern to off-yard residents.

Risks from Groundwater

If on-site groundwater were to migrate to off-site locations and be used for drinking, risks to residents would be unacceptable in many cases, with risks even higher than to on-yard workers. This is because water ingestion rates and time spent inside are both higher for residents than workers. These results further support the conclusion that groundwater at several locations on-site is not suitable for human use or consumption.

Risks from Soil Gas Intrusion

At present, no measurements of off-yard soil gas migration are available, so this pathway has not been evaluated quantitatively. Based on the finding that risks to on-yard workers from soil gas intrusion into current or future on-yard buildings are within or below EPA's risk range (see above), it is considered likely that risks from soil gas intrusion at off-site locations are also low. However, further studies will be conducted to more fully assess this potential exposure pathway, and these results will be summarized in a supplement to this risk assessment.

Risk Estimates for Off-Yard Recreational Visitors

Section 5.4 in the main report presents detailed tables of risk estimates for off-yard recreational visitors. The main findings are summarized below.

Risks from Surface Water and Sediment

Risks to recreational visitors from ingestion of surface water or sediment are within or below EPA's risk range for both cancer and non-cancer effects at all exposure areas. This indicates that risks to recreational visitors from surface water and sediment along the river corridors are not likely to be of concern.

Risks from Soil

Risks to recreational visitors from incidental ingestion of soil along the Weber River riparian corridor and at the 21st Street Pond are within or below EPA's risk range for both cancer and non-cancer effects. This indicates that risks to recreational visitors from contact with surface soil are not likely to be of concern.

Risks from Ingestion of Fish

Risks from non-PCBs in fish from the 21st Street Pond do not exceed EPA's risk range for cancer or non-cancer effects. Data for non-PCB contaminants are not available for fish from the Weber River or the Ogden River, but there is no known reason to suspect that risks would be higher at these locations than in the 21st Street Pond.

Risks from PCBs in fish were estimated using two different approaches. The first approach is based on an estimate of the total amount of PCB present in fish tissue, expressed as the Aroclor-equivalent concentration (mg/kg). At this site, Aroclor-equivalent data are available for fish caught from the 21st Street Pond. Based on this approach, the estimated cancer and non-cancer risks to area anglers from ingestion of these fish are as follows:

FINAL
Estimated Risks from PCBs (as Aroclor) in Fish from the 21st Street Pond

Recreational	Non-Cancer HQ		Excess Cancer Risk		
Population	CTE	RME	СТЕ	RME	
Adult	0.9	6	8 per 1,000,000	9 per 100,000	
Child	0.8	5	2 per 1,000,000	3 per 100,000	

These results suggest that ingestion of fish caught within the 21st Street Pond might be of potential health concern to fishermen because of non-cancer (but not cancer) risks from PCBs.

The second approach for evaluating risks from PCBs is to measure the concentration of each of 12 different PCB congeners that has significant 2,3,7,8-tetrachlorodibenzodioxin (TCDD) activity, and then to calculate the probability of cancer based on the TCDD-equivalent concentration. Based on this approach, estimated cancer risks are mainly within or below EPA's risk range, except for a risk estimate of 2 in 10,000 for an RME adult who fishes mainly along the Ogden River in Reach B (just upstream of the 21st Street Pond).

Taken together, these results suggest that cancer risks from PCBs in fish from within and near the 21st Street Pond are likely to be mainly within EPA's acceptable risk range. Potential non-cancer risks based on the Aroclor equivalent method suggest a basis for concern, but these results should be interpreted cautiously. Most importantly, the Aroclor-based approach is uncertain because the toxicity factor is derived from studies of a commercial Aroclor mixture, while the on-site exposure is to a mixture of congeners that is generally quite different than the original commercial Aroclor mixture. However, at present there is no congener-based method for estimating non-cancer-based risks from PCBs. If it is assumed that the ratio of congener-based non-cancer risk compared to Aroclor-based non-cancer risk is the same as was observed for cancer risk (congener-based cancer risk estimates for fish from the 21st Street Pond are about 2-3 fold lower than estimates based on the Aroclor-equivalent method), then non-cancer risk estimates for RME receptors would likely be at or below the threshold for concern.

UNCERTAINTIES

Quantitative evaluation of the risks to humans from environmental contamination is frequently limited by uncertainty regarding a number of key data items, including concentration levels in the environment, the true level of human contact with contaminated media, and the true dose-

response curves for non-cancer and cancer effects in humans. This uncertainty is usually addressed by making assumptions or estimates for uncertain parameters based on whatever limited data are available. Because of these assumptions and estimates, the results of risk calculations are themselves uncertain, and it is important for risk managers and the public to keep this in mind when interpreting the results of a risk assessment.

The main sources of uncertainty in the risk calculations performed at this site are summarized in Table ES-2. As seen, some uncertainties will tend to lead to an underestimate of risk, but these underestimates are thought to be relatively small. A number of uncertainties are likely to lead to an overestimate of risk, and in some cases, these overestimates might be moderate to large. Based on this, the risk estimates derived in this risk assessment are more likely to overestimate than underestimate risk.

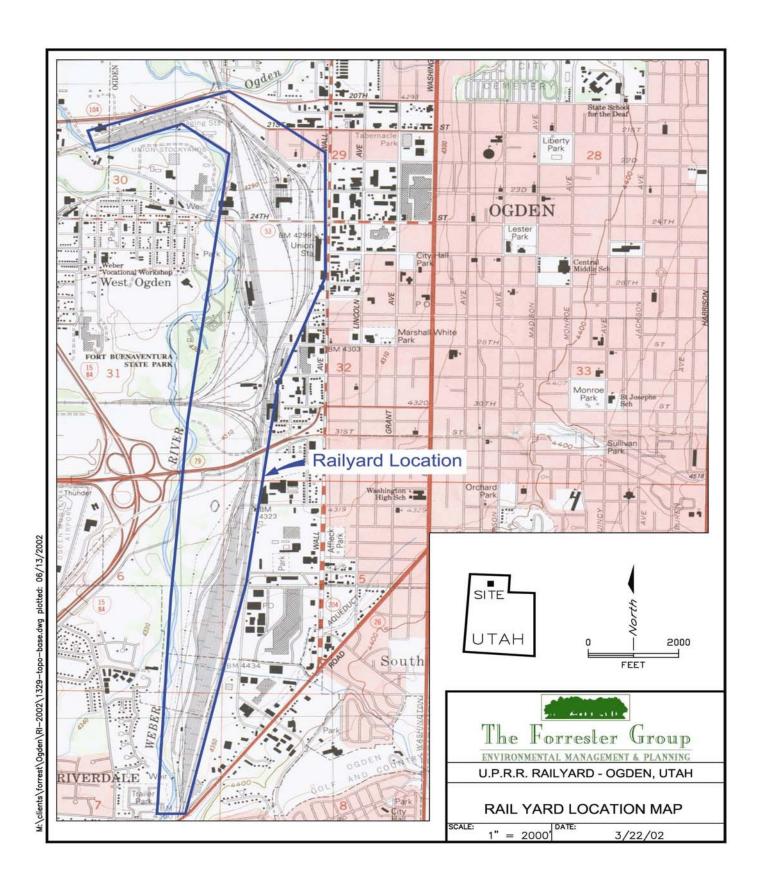


Figure ES-1 Ogden Railyard Location Map



Ingestion PCB Source Sediment Χ Dermal Ingestion Gasification Fish DNAPL Plant Ingestion Surface Water Χ Dermal **●**(a) ●(a) Ingestion Groundwater Χ Dermal **●**(a) Indoor Air Inhalation O(a) Soil gas Leaching Outdoor Air Χ Χ Χ Inhalation USTs On-Yard Subsurface Soils Lagoons Outdoor Air Χ lacktrianΧ Leaching Dust Inhalation Disposal, spills On-Yard Surface Ogden Ingestion Railyard Soils Χ Dermal Off-Yard Surface Ingestion Soils Χ Dermal **LEGEND** Pathway is not complete; no evaluation required Χ Pathway is or might be complete, but is judged to be minor; qualitative evaluation 0 Pathway is or might be complete and could be significant, but data are lacking to support quantitative evaluation; qualitative evaluation Pathway is or might be complete and could be significant; quantitative evaluation

Figure ES-2. Site Conceptual Model for Human Exposure

Worker

Resident

Recreational

(a) Pathway is not currently complete but might be complete in the future

Table ES-1 List of Quantitative COPCs

Ogden Railyard Human Health Risk Assessment

	Off-Site Recreational Visitor			On-Yard Worker Current and Future On-Yard Wo Future Off-Site Resident			
Chemical Class	Soil	Sediment	Surface Water	Fish	Soil	Ground	lwater
					Aluminum	Antin	nony
					Antimony	Arsenic	
					Arsenic	Barium	
	Arsenic	NONE	NONE	NONE	Chromium	Cadmium	
Inorganics					Copper	Chromium	
inorganics					Lead	Le	ad
					Manganese	Mang	anese
					Mercury	Merc	cury
					Selenium	Seler	nium
						Silv	ver
					Benzo[a]anthracene	2-Methylnaphthalene	Dibenzofuran
		Benzo[a]anthracene			Benzo[a]pyrene	Acenaphthene	Fluoranthene
		Benzo[a]pyrene			Benzo[b]fluoranthene	Benzo[a]anthracene	Fluorene
Polyaromatic	Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene		e NONE	NONE	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene
Hydrocarbons (PAHs)		NONE	TOTAL	Chrysene	Benzo[b]fluoranthene	Naphthalene	
		Dibenz[a,h]anthracene			Dibenz[a,h]anthracene	Benzo[k]fluoranthene	Phenanthrene
		Indeno[1,2,3-c,d]pyrene			Indeno[1,2,3-c,d]pyrene	Chrysene	Pyrene
						Dibenz[a,h]anthracene	
Polychlorinated Biphenyls (PCBs)	NONE	PCBs (as Aroclor)	NONE	PCBs (as Aroclor) PCBs (as TEQ)	NONE	PCBs (as	Aroclor)
Pesticides	NONE	NONE	NONE	4,4'-DDE	NONE	NO	NE
						1,4-Dichlorobenzene	bis(2-Ethylhexyl)phthalate
						2,6-Dinitrotoluene	Carbazole
Semi-Volatile Organic	NONE NONE	NONE	NONE	bis(2-Ethylhexyl)phthalate	n-Nitrosodipropylamine	4,6-Dinitro-o-cresol	n-Nitrosodipropylamine
Compounds					4-Methylphenol (p-Cresol)	Pentachlorophenol	
						bis(2-Chloroethyl)ether	
						1,1,1-Trichloroethane	Methyl chloride
						1,1,2-Trichloroethane	cis-1,2-Dichloroethene
						1,1-Dichloroethane	Dichloromethane
						1,2,3-Trichloropropane	Ethylbenzene
Volatile Organic	NONE 1	NONE	Dichloromethane	NONE	NONE	1,2-Dichloroethane	Tetrachloroethene
Compounds	NONE	IVOIVE	Dichiolomeniane	IVOIVE	IVOIVE	1,2-Dichloroethene	Toluene
						Acetone	Trichloroethene
						Benzene	Vinyl Chloride
						Chlorodibromomethane	Xylenes (Total)
						Ethyl chloride	

Table ES-2. Sources and Estimated Direction and Magnitude of Uncertainties in Risk Estimates

Risk Assessment Step	Source of Uncertainty	Probable Direction (a)	Estimated Magnitude (a)
Exposure Assessment	Exposure pathways not evaluated	Underestimate	Small
	Chemicals not evaluated	Underestimate	Probably Small
	Calculation of exposure point concentrations from measurements	Overestimate	Moderate
	Mathematical modeling of exposure when data are not available	Overestimate	Moderate
	Human exposure parameters	Overestimate	Moderate
Toxicity Assessment	Adjustments to account for limited toxicity data	Overestimate	Moderate-Large
	Extrapolation from animals to humans	Overestimate	Moderate-Large
	Extrapolation from high dose to low dose	Overestimate	Moderate-Large
	Extrapolation across exposure frequency and duration	Overestimate	Small
	Accounting for sensitive human subpopulations	Overestimate	Moderate
Risk Characterization	Effects of combined exposures to multiple chemicals	Unknown	Probably small

(a) See Section 6 for discussion



1.0 INTRODUCTION

1.1 PURPOSE OF THIS DOCUMENT

This document is a baseline human health risk assessment for the Ogden Railyard Superfund site in Ogden, Utah. The purpose of the document is to assess the potential risks to humans, both now and in the future, from site-related contaminants present in on-yard and off-yard environmental media, assuming that no steps are taken to remediate the environment or to reduce human contact with contaminated environmental media

The results of this assessment are intended to help inform risk managers and the public about potential human risks attributable to site-related contaminants and to help determine if there is a need for action at the site (USEPA 1989). The overall management goal is to ensure protection of humans from deleterious effects of acute and chronic exposures to site-related chemicals for both current and future land uses (USEPA 1999).

The methods used to evaluate risks to humans in this assessment are consistent with current guidelines provided by the USEPA for use at Superfund sites (USEPA 1989, 1991a, 1992, 1993a).

An evaluation of potential risks to ecological receptors from site-related contamination is presented in a separate report (USEPA 2003).

1.2 ORGANIZATION OF THIS DOCUMENT

In addition to this introduction, this report is organized into the following sections:

- Section 2 This section provides a description of the site and a review of data that characterize the nature and extent of environmental contamination at the site.
- Section 3 This section identifies human exposure scenarios of potential concern at the site, identifies chemicals of potential concern (COPCs) for each exposure scenario, and derives quantitative estimates of exposure for those pathways that are most likely to be significant.

- Section 4 This section summarizes the characteristic cancer and non-cancer health effects associated with the COPCs at the site and lists the quantitative toxicity factors used to calculate cancer and non-cancer risk levels in exposed humans.
- Section 5 This section provides quantitative estimates of cancer and non-cancer risk to humans exposed to site-related contaminants by each of the exposure scenarios of primary concern.
- Section 6 This section summarizes the likely magnitude and direction of the sources of uncertainty in the risk estimates for human receptors.
- Section 7 This section provides full citations for USEPA guidance documents, site-related documents, and scientific publications referenced in the baseline risk assessment.

2.0 SITE CHARACTERIZATION

2.1 SITE LOCATION

The Ogden Railyard Site is located in Weber County, Utah, just west of the City of Ogden. The railyard portion of the site is shown in Figure 2-1. The railyard extends from Riverdale Road on the south to the 20th Street overpass on the north, a distance of about 3.4 miles. The area of the railyard is bounded on the west by the Weber River and on the east by Wall Avenue and Pacific Avenue in the City of Ogden. Areas included in the site investigation include not only the railyard itself but also surrounding areas that are or may have been impacted by off-yard releases.

2.2 LAND USE

The site was first used as a railyard by the Central Pacific Railroad (the predecessor of the Southern Pacific) and Union Pacific Railroad (UPRR) in 1869. Since that time, four railroad companies, including UPRR, Southern Pacific Railroad (SPRR), Denver and Rio Grande Western Railroad (D&RGW), and the Ogden Union Railway and Depot Company (OUR&D), have built and operated on various portions of the site. SPRR and D&RGW operated in the northern portion of the site, while UPRR and OUR&D operated in the southern portion of the site. With the completion of the UPRR-SPRR merger in 1996, the entire yard is currently under the ownership of UPRR, with the exception of a facility owned and operated by Atlas Steel (Forrester Group 2002).

Railroad facilities previously located at the site included coal yards, freight houses, passenger service depots, switching yards, machine shops, boiler shops, transfer tracks, oil/water treatment plants, fuel storage tanks, cold storage houses, warehouses, offices, turntables, and roundhouses. Use of the various facilities at the site has declined significantly and a number of the old buildings have been demolished (Forrester Group 2002).

In 2000, it was discovered that a section of the railyard was the location of the former Pintsch Gas Works facility. This facility operated in the northern portion of the site from 1891 to no later than 1935 and manufactured an illumination gas used to light rail cars. The illumination gas was reportedly produced from a petroleum-based feedstock by the "Pintsch" process.

At present, the western perimeter of the railyard is a riparian zone along the banks of the Weber River. The eastern perimeter is occupied by a number of railroad-related facilities and private industrial facilities (Forrester Group 2002). A few residences are located near the site perimeter on the eastern side, with the largest number of residences being located east of Wall Avenue.

2.3 SITE INVESTIGATIONS

The site is of potential human health concern because of various chemicals that have been released to the environment on or near the site. In order to help assess this issue, in 1999 UPRR entered into an Administrative Order on Consent to perform a Remedial Investigation (RI) at the railyard. The primary purpose of this study was to characterize chemical contamination associated with the railyard and to determine if there were any releases to nearby off-yard areas west of the site. Phase 1 of the RI was performed in 1998 (Safety-Kleen 1998). The Phase 1 investigation focused on 31 Areas of Interest (AOIs) located on UPRR property. The location of these AOIs (selected based on historic aerial photos) are shown on the map in Figure 2-2, and the current or former operations at each AOI are described in Table 2-1.

The Phase 1 investigation identified the presence of a number of chemicals of potential concern in site soil, sediment, groundwater, and surface water, including:

- Diesel fuel, grease, oils, and associated petroleum hydrocarbons
- Chlorinated solvents and associated degradation products (e.g., vinyl chloride)
- Metals
- Polycyclic aromatic hydrocarbons (PAHs)

The USEPA reviewed the adequacy of the Phase 1 data to support reliable human health and ecological risk evaluations, and identified several data gaps. The USEPA recommended additional sampling and analysis of environmental media that were needed to support the risk assessment at site-related locations, and developed a Phase 2 Sampling and Analysis Plan (SAP) to collect the additional data (USEPA 1999). A field sampling plan was issued in early 2000 (USEPA/ERTC 2000) as part of the overall UPRR Phase 2 Sampling and Analysis Plan. The results of the Phase 2 investigation, performed primarily in May and July of 2000, were summarized in reports issued by EPA (USEPA/ERTC 2001) and the Forrester Group (2001a, 2001b). These data were consolidated in the draft remedial investigation for the railyard site (Forrester Group 2002).

During the Phase 2 investigation, two important new concerns associated with the site were identified:

- A large plume of dense non-aqueous phase liquid (DNAPL) was discovered below the ground surface (Forrester Group 2001b). This DNAPL zone is suspected to originate at the location of the former Pintsch Gas Process plant that produced gas from petroleum products (manufactured gas). The former Pintsch Gas facility location is northeast of AOI 34. The DNAPL zone extends towards the north, coming into direct contact with the east end of the 21st Street Pond and extending under the Ogden River. A map showing the DNAPL zone extent is provided in Figure 2-3.
- Polychlorinated biphenyls (PCBs) were detected in tissues of fish collected from the 21st Street Pond as well as in sediments collected from the 21st Street Pond and the Ogden River (USEPA/ERTC 2001). The source of the PCBs is presently unknown.

These two new concerns generated the need to collect additional samples specifically designed to characterize the potential risk to human health and the environment from the DNAPL plume and the PCBs. This additional sampling event is referred to as the Phase 3 investigation. A field SAP was prepared in July 2001 (SRC 2001) and the Phase 3 samples were collected in late July and early August of 2001. The final results from the Phase 3 sampling effort were summarized in a field investigation report released in October 2002 (SRC 2002).

The data from all of these reports are used as the basis for assessing current and potential future risks to humans at the site. These data are presented in electronic format in Appendix A.

3.0 EXPOSURE ASSESSMENT

3.1 OVERVIEW

Exposure is the process by which humans come into contact with chemicals in the environment. In general, humans can be exposed to chemicals in a variety of environmental media (e.g., soil, water, air, food), and these exposures can occur through several pathways (e.g., ingestion, dermal contact, inhalation). Section 3.2 provides an evaluation of exposure pathways that could lead to human contact with site-related contaminants at this site. Section 3.3 identifies chemicals of potential concern in each medium, and Section 3.4 describes the methods used to quantify exposure from each pathway that is considered to be of possible significance.

3.2 SITE CONCEPTUAL MODEL

Figure 3-1 presents a site conceptual model showing the exposure pathways by which site-related chemicals may migrate or be transported into other environmental media, and the scenarios by which humans might reasonably be exposed to site-related contaminants in the environment. However, not all of these potential exposure routes are likely to be of equal concern. Exposure scenarios that are considered to be complete and potentially significant are shown in Figure 3-1 by boxes containing a circle. If sufficient data are available to support quantitative evaluation, the pathway is indicated by a solid black circle. An open circle indicates a pathway that is potentially significant but which lacks sufficient information to allow meaningful quantification. Pathways that are judged to be complete but which are likely to contribute only occasional or minor exposures are shown by boxes with an "X". Incomplete pathways (i.e., those which are not thought to occur) are shown by open boxes. The following sections present a more detailed description of site-related contamination, migration pathways, and exposure scenarios selected for evaluation at the site.

3.2.1 Exposed Populations

At present, most of the railyard is used for railroad operations, although there are some commercial-industrial operations located on the yard site. Because of the heavy industrial nature of the site, it is considered very probable that this land use will not change in the future. Therefore, the population most likely to be exposed to contaminants in on-yard locations is current and future on-yard workers.

However, some site-related contaminants may have migrated to off-yard locations (or might do so in the future), creating the potential for exposure of other human populations. Under current site conditions, the off-yard areas where humans might come into contact with site-related releases include the residential areas east of the site as well as areas around the 21st Street Pond, the riparian zone along the Weber River, and the Ogden River, which are used mainly for recreational purposes. Therefore, the human populations of potential concern include current and future residents east of the site and recreational visitors along the Weber and Ogden Rivers.

3.2.2 Potential On-Yard Exposure Scenarios

Incidental Ingestion of Soil

Some of the on-yard area (primarily near the railroad tracks) is covered with coarse ballast, but contact with soil or dust derived from soil is still possible in most areas of the site. Even though few people intentionally ingest soil, workers who have direct contact with soil or soil-covered ballast at the site might ingest small amounts that adhere to their hands during outdoor activities. Incidental ingestion of soil is often one of the most important routes of human exposure at a site. Therefore, ingestion of surface soil is considered a potentially complete and significant pathway for on-site workers.

Dermal Contact with Soil

Workers who are in direct contact with soil may get soil on their skin during outdoor activities. Because the skin is relatively impermeable, it is generally considered that dermal absorption of chemicals from soil is relatively small compared to absorption from ingested soil. Based on this, and recognizing that current methods and data are very limited for attempting to quantify dermal absorption of chemicals from soil, USEPA Region 8 generally recommends that dermal exposure to chemicals in soil not be evaluated quantitatively (USEPA 1995). Therefore, dermal contact with soil is evaluated qualitatively in this risk assessment.

Inhalation of Airborne Soil Particulates

Particles of contaminated surface soil may become suspended in air by wind or mechanical disturbance. However, screening level calculations presented in Appendix B indicate that exposure by the inhalation route is likely to be substantially smaller than by the soil ingestion

route, even when release of particles to air is quite extensive. Therefore, this pathway is evaluated qualitatively for on-yard workers.

Ingestion of Groundwater

At present, there are no on-site wells in the shallow aquifer that are used as a source of drinking water, so exposure of workers to groundwater is not currently of concern. Even though it is not considered likely that any on-site drinking water wells will ever be installed in the shallow aquifer in the future, the groundwater beneath the site is classified as a Class II aquifer and is viewed by the State as a potential drinking water source in the future. Therefore, this pathway was evaluated quantitatively for hypothetical future on-site workers in order to provide information on the level of concern that would exist if groundwater were ever to be considered for ingestion by workers.

Inhalation of VOCs Released from Indoor Uses of Groundwater

If on-site groundwater were ever to be used for indoor purposes, volatile organic compounds (VOCs) present in the water could be released from the water into indoor air, leading to inhalation exposure of indoor workers. As noted above, even though site groundwater is not currently used for any indoor purposes, this exposure pathway was evaluated quantitatively to characterize the level of concern that would exist if on-site groundwater wells were ever used in the future.

Inhalation of VOCs Emanating from Soil Gas

Subsurface soil and groundwater that are contaminated with VOCs may release those VOCs into soil gas, and the VOCs may diffuse laterally and upward through pores in the soil and be released at the surface. If the surface is not covered by a building, the VOCs enter outdoor air where they are diluted and dispersed by wind. Therefore, inhalation of VOCs in outdoor air is not considered to be an important exposure route. However, if the VOCs approach the surface at a location near a building, the soil gas may be drawn into the building and the concentration in the building may tend to build up. Inhalation of VOCs in indoor air volatilized from soil gas emanating from groundwater and/or subsurface soil is considered a complete and potentially significant pathway for indoor workers at the site, and this pathway is evaluated quantitatively.

Exposure to Surface Water and Sediment

Because there are no surface water bodies on the railyard site, exposure to surface water and sediments was not evaluated for on-site workers.

3.2.3 Potential Off-Yard Recreational Exposure Scenarios

There are a number of locations near the site that may be used by area residents for recreational activities such as fishing, swimming, wading, or hiking. This may include both adults and children (mainly older children, 6-15 years of age). The exposure scenarios believed to be of greatest potential concern for recreational visitors are summarized below.

Exposure to Soil in the Weber River Riparian Zone

Area residents who hike, fish, or play along the banks of the Weber River west of the railyard could be exposed to contaminants present in the soils of the riparian zone. As noted above, even though few people intentionally ingest soil, intake may occur via hand to mouth contact, so this pathway is considered to be complete and potentially significant, and is evaluated quantitatively. Dermal contact with soil may also occur, but due to lack of data for most chemicals on the rate and extent of dermal absorption from soil, as well as the expectation that this pathway is usually minor, this pathway is evaluated qualitatively. Ingestion of soil may also occur along the Ogden River, but these soils are not believed to be impacted by any site-related releases, and so are not evaluated.

Exposure to Surface Water and Sediment

Area residents, especially area children, may play or swim in the waters of the Weber River, the Ogden River, and/or the 21st Street Pond. Individuals engaged in such activities may have contact with both surface water and sediments, and exposure might occur both by incidental ingestion and by dermal contact. Because ingestion exposure is expected to be the most important route for both media, ingestion exposure was evaluated quantitatively while dermal exposure was evaluated qualitatively.

Exposure to Fish

Fishing is a popular recreational activity along the Weber River, the Ogden River, and the 21st Street Pond. Fish from these locations may be contaminated with site-related chemicals which are taken up from water, sediment and/or the diet, and people who catch fish from these locations could be exposed to those chemicals by eating contaminated fish tissue. This pathway may be of concern, especially for chemicals that tend to bioaccumulate in fish tissue, and so this pathway is evaluated quantitatively.

3.2.4 Potential Off-Yard Residential Exposure Scenarios

Inhalation of Dust Released from the Site

Operations on the railyard site can result in the generation of airborne dusts, especially during dry summer months. These airborne dusts may be carried by wind to nearby off-yard residential areas (mainly east of the railyard site), and area residents could be exposed by inhalation. As noted above, inhalation exposure is generally a minor source compared to ingestion exposure, but since off-yard residents are not expected to have regular ingestion exposure to on-yard soils, the inhalation pathway was quantified for off-yard residents.

Exposure to Groundwater

At present, off-site residences are provided with municipal water by the City of Ogden, and there are no known locations where groundwater from the shallow aquifer is used for drinking water by area residents. However, groundwater in the area is classified as a Class II aquifer and is viewed by the State as a potential drinking water source in the future. Therefore, hypothetical future exposure was evaluated both for ingestion of groundwater and for inhalation of VOCs released from groundwater into indoor air. These evaluations provide information on the levels of risk that would exist if shallow groundwater that was contaminated by site releases ever were used for drinking or other indoor uses by area residents.

Inhalation of VOCs from Soil Gas Intrusion

Because the site is currently industrial, no residences are located over plumes of contaminated soil or groundwater that could lead to intrusion of VOCs from soil gas into indoor air. However,

soil gas that is released from on-site sources could migrate to off-site locations through preferential migration channels such as existing sewer lines. Data are not currently available to quantify the magnitude of this potential exposure pathway, but this pathway will be evaluated when such data are collected.

3.2.5 Summary of Pathways of Principal Concern

Based on the evaluations above, the following pathways are judged to be of sufficient potential concern to warrant quantitative risk evaluation:

Exposed Population	Exposure Medium Exposure Route		
On-yard workers	Soil Soil gas	Incidental ingestion Inhalation in buildings	
	Groundwater Ingestion, Inhalation (VC		
Recreational visitors	Soil Surface water Sediment Fish	Incidental ingestion Incidental ingestion Incidental ingestion Ingestion	
Off-site residents	Groundwater Airborne dust Soil gas ^a	Ingestion, Inhalation (VOCs) Inhalation Inhalation in buildings ^a	

^a To be evaluated after additional data are collected.

VOC = Volatile Organic Compound

Other exposure pathways are judged to be sufficiently minor that further quantitative evaluation is not warranted.

3.3 SELECTION OF CHEMICALS OF POTENTIAL CONCERN

Chemicals of Potential Concern (COPCs) are chemicals which exist in the environment at concentration levels that might be of potential health concern to humans and which are or might be derived, at least in part, from site-related sources.

The procedure used to identify COPCs for soil and groundwater at this site is shown in Figure 3-2. Chemicals that are not likely to contribute significant risks to humans are eliminated, while

chemicals that might be of potential concern are assigned to one of two groups: those that lack the data needed to perform a quantitative evaluation (these are addressed qualitatively), and those that have sufficient data to allow quantitative evaluation. It is important to note that this COPC selection procedure is intended to be conservative; that is, it is expected that some chemicals will be identified as COPCs that are actually of little or no concern, but that no chemicals of authentic concern will be overlooked.

Step 1: Eliminate Essential Nutrients

When a sample of soil, water, or tissue is analyzed for inorganic chemicals, data are reported not only for analytes that might be of potential health concern, but also for a number of chemicals that are normal constituents of the human body and that are required for good health. Many of these beneficial nutrients occur widely in food, water, and soil, and exposure to these chemicals is not considered to be of concern. These chemicals include calcium, potassium, sodium, magnesium, and iron. Accordingly, these chemicals are not considered to be of potential health concern and are not considered further.

Step 2: Eliminate chemicals for which no toxicity values are available

Risks from chemicals for which EPA has not established toxicity values (see Section 4) cannot be evaluated quantitatively, and so these chemicals are assigned to the qualitative COPC category (Type 1).

Step 3: Eliminate chemicals never detected

In accord with USEPA (1989), a chemical may be eliminated from the quantitative risk assessment if it is detected only infrequently (< 5%) in a site medium. In this risk assessment, chemicals were excluded for a medium only if they were never detected in any site sample of that medium. However, if the analytical detection limit for a chemical that was never detected was sufficiently high that the chemical would not have been detected even if it were present at a level of concern, that chemical was assigned to the qualitative COPC category (Type 2).

Step 4: Eliminate chemicals detected, but whose maximum value is below a level of concern

If a chemical is detected at least once, but the maximum detected concentration is well below a level of human health concern, that chemical may be eliminated from further consideration (USEPA 1989). This screening step was performed using Risk-Based Concentration (RBC) values calculated using the same basic approach as used by USEPA Region 3 (USEPA 2002). Target Risk levels were set to an HQ value of 0.1 and a cancer risk level of 1E-06. Appendix C details the derivation of the RBC values used for this step.

Results of COPC Screening

Appendix C presents detailed results of the COPC selection process. Table 3-1 lists the COPCs identified for quantitative evaluation. Table 3-2 lists qualitative Type 1 COPCs (no toxicity value available), and Table 3-3 lists qualitative Type 2 COPCs (never detected, but detection limit was too high to be reliable).

3.4 QUANTIFICATION OF EXPOSURE

3.4.1 Overview

The amount of a chemical which is ingested, inhaled, or taken up across the skin is referred to as "intake" or "dose," and is calculated using an equation of the following general form:

$$DI = C \cdot (IR / BW) \cdot (EF \cdot ED / AT)$$

where:

DI = Daily intake of chemical (mg of chemical per kg of body weight per day).

C = Concentration of the chemical in the contaminated environmental medium (soil, dust, water, food, air, etc.) to which the person is exposed. The units are mg of chemical per unit of environmental medium (e.g., mg/L for water, mg/kg for soil or food, mg/m³ for air).

IR = Intake rate of the contaminated environmental medium. The units are usually kg/day for solid media (soil, sediment, food), L/day for water, and m³/day for air.

BW = Body weight of the exposed person (kg).

EF = Exposure frequency (days/year). This describes how often a person is likely to be exposed to the contaminated medium over the course of a typical year.

ED = Exposure duration (years). This describes how long a person is likely to be exposed to the contaminated medium during their lifetime.

AT = Averaging time (days). This term specifies the length of time over which the average dose is calculated. Usually, two different averaging times are considered:

"Chronic" exposure includes averaging times on the scale of years (typically ranging from 7 years to 70 years). This exposure duration is used when assessing the non-cancer risks from chemicals of concern.

"Lifetime" exposure employs an averaging time of 70 years. This exposure interval is selected when evaluating cancer risks.

Note that the last three factors (EF, ED, AT) combine to yield a factor between zero and one. Values near 1.0 indicate that exposure is nearly continuous over the specified averaging period, while values near zero indicate that exposure occurs only rarely.

For mathematical convenience, the general equation for calculating dose can be written as:

 $DI = C \cdot HIF$

where:

DI = Daily intake of chemical (mg of chemical per kg of body weight per day)

C = Concentration of the chemical in the contaminated environmental medium to which the person is exposed. The units are mg of chemical per unit of environmental medium (e.g., mg/L for water, mg/kg for soil, mg/m³ for air).

HIF = Human Intake Factor. This term describes the average amount of an environmental medium contacted by the exposed person each day. The value of HIF is typically given by:

$$HIF = (IR / BW) \cdot (EF \cdot ED / AT)$$

The units of HIF depend on the medium being evaluated (kg/kg-day for solid media such as soil or food, L/kg-day for water, and m³/kg-day for air).

3.4.2 Selection of Exposure Points

An exposure point (also referred to as an exposure unit or exposure area) is an area where a receptor (worker, resident, or recreational visitor) may be exposed to one or more environmental media. Selection of the bounds of an exposure point is based mainly on a consideration of the likely activity patterns of the exposed receptors; that is, an exposure point is an area within which a receptor is likely to spend most of their time and to move about more or less at random.

Exposure Points for On-Yard Workers

Because of the size of the railyard site, it is considered likely that most workers will be exposed mainly in a subsection of the site. Therefore, exposure of on-yard workers was evaluated at each Area of Interest (AOI) established during the on-site investigations (see Figure 2-2).

Exposure Points for Off-Yard Residents

Exposure to Airborne Dusts

The residential area of chief concern for inhalation exposure to airborne dusts from the site is located east of the railyard. No measurements of airborne contaminants were collected in this area because preliminary calculations did not suggest that airborne dust was of concern even at on-yard locations. Therefore, concentrations of contaminants in off-yard air were estimated by mathematical modeling from values measured in on-yard soils, as described in Section 3.4.3 (below). Because of spatial variability in the identity and concentration of contaminants in on-yard soils, the release of dust from the on-yard area was evaluated by stratifying the data into four zones, as follows:

Zone	On-Yard Area Description	
A	20 th Street to 24 th Street	
В	24 th Street to 33 rd Street	
С	33 rd Street to AOI 9	
D	South of AOI 9, near Riverdale	

These four zones correspond approximately to off-yard extension of Regions 1, 2, 3, and 4+5, respectively (see Figure 2-2).

Exposure to Groundwater

At present, there are no known off-site residences that are located above an area of groundwater contaminated by the site. One approach for evaluating potential future exposure and risk would be to use groundwater fate and transport models to predict the concentration of contaminants at some time in the future, assuming that one or more groundwater plumes are migrating toward off-site locations north or northwest of the railyard. However, this requires detailed data on groundwater flow, soil characteristics in the saturated zone, and chemical and biological degradation processes operating in the aquifer. At present, existing data are not sufficient to provide these inputs, so quantitative modeling of future groundwater concentration values at off-site locations was not attempted. Rather, as a screening level approach, risks were evaluated based on the conservative assumption that if contaminated groundwater moved off-site, the

concentration would remain the same as has been measured at the various on-site source areas (AOIs). Thus, potential future risks to off-yard residents were estimated based on AOI-specific groundwater measurements, similar to the approach used for on-yard workers.

Exposure Points for Recreational Visitors

Recreational visitors might come into contact with contaminants at a number of different locations along the Weber and the Ogden Rivers. For the purposes of this assessment, a series of 9 areas were identified for use in evaluation of recreational visitor exposures. These are listed below and are shown in Figure 3-3.

River	Designation	Description
Ogden	A	East of Wall Ave; treat as "background"
	В	Wall Ave to 21st Street Pond
	С	Downstream of 21st Street Pond
		21st Street Pond
Weber	A	Upstream (south) of railyard; treat as "background"
	В	From southern end of railyard to 33rd Street
	С	33rd Street to 24th Street
	D	North of 24th Street to confluence with Ogden River
		Buena Ventura Park Pond

3.4.3 Exposure Point Concentrations (EPCs)

Approach for Soil and Groundwater

Because of the assumption of random exposure over an exposure area, risk from a chemical is related to the arithmetic mean concentration of that chemical averaged over the entire exposure area. Since the true arithmetic mean concentration cannot be calculated with certainty from a limited number of measurements, the USEPA recommends that the upper 95th percentile confidence limit (UCL) of the arithmetic mean at each exposure point be used when calculating

exposure and risk at that location (USEPA 1992). If the 95% UCL exceeds the highest detected concentration, the highest detected value is used instead (USEPA 1989).

The equation used to compute the 95% UCL of a data set depends on the distribution (normal, lognormal) of the values (USEPA 1992). Most environmental data sets are found to be right skewed and are usually well approximated by a lognormal distribution, so the UCL equation for lognormal data was used as the default approach. However, in special cases, the formula for calculating the 95% UCL of the mean for a lognormal distribution may return a value lower than the UCL based on a normal distribution. In this case, the 95% UCL based on an assumed normal distribution was used

When calculating an EPC, samples with concentrations below the detection limit were evaluated by assuming a concentration value equal to one-half of the detection limit (USEPA 1989). If a particular chemical was never detected in a medium at an exposure area, exposure to that chemical in that medium was not quantified for that area. Rejected (R-qualified) data are not used when calculating an EPC.

Approach for PCBs

In the case of PCBs, concentration values in soil, sediment, or fish may be measured and expressed in two different ways. This is because PCBs are a mixture of different chemical forms (congeners). In the first approach, the concentration is expressed as the concentration of an Aroclor mixture that would produce a congener pattern similar to that seen in the sample. This is referred to as the Aroclor-equivalent concentration. In the second approach, the concentration of each congener with significant toxicity is measured and expressed separately. For convenience, when data of this type are available, the data are consolidated into a single toxicity-weighted concentration value. This concentration, referred to as "TEQ" (TCDD equivalent concentration), is equal to the concentration of 2,3,7,8-tetrachlorodibenzo-para-dioxin (TCDD) that would be of equivalent toxicity to humans. This approach is based on the finding that most of the toxicity of a PCB mixture is attributable to a sub-set of 12 PCB congeners that act by a mechanism similar to TCDD.

The relative potency of a PCB congener compared to TCDD is expressed in terms of the Toxicity Equivalency Factor (TEF). Table 3-4 lists current consensus TEF values for mammals (including humans). These TEF values were developed by a panel of experts assembled by the

World Health Organization (Van den Berg et al. 1998). Note that TEFs are often based on limited data, and so they are only approximations of the relative toxicity of each congener, rounded up (in order to be conservative) to the nearest half order of magnitude. Also note that most TEFs are based on relative binding affinity of the congener for the aryl-hydrocarbon (Ah) receptor, and so do not account for potential differences between congeners with regard to absorption and distribution to target tissues.

Based on the TEF values given in Table 3-4, the toxicity of any mixture of PCB congeners in a site medium (soil, sediment, fish tissue, etc.) can be estimated by calculating the TEQ concentration in the medium as the TEF-weighted sum of each of the 12 dioxin-like PCB congeners, as follows:

$$TEQ = \sum_{i=1}^{12} (C_i \cdot TEF_i)$$

where:

C_i = Concentration of PCB congener "i"

TEF_i = Toxicity equivalency factor for PCB congener "i"

Polychlorinated dioxins and furans were not included in the TEQ value since analysis of several fish tissue samples from the site did not reveal TEQ levels that were higher than in laboratory blanks.

Approach for VOCs in Soil Gas

Exposure point concentrations for volatile chemicals in indoor air in current or future on-yard buildings due to intrusion from soil gas were based on the data collected using flux chambers. At steady state, the rate of flux into the building equals the rate of loss from the building due to ventilation:

In order to be conservative, it was assumed that the entire flux of VOCs beneath the building would enter the building (even though a large fraction of the total flux may be diverted from entering the building by a cement floor):

Flux In
$$(ug/min)$$
 = Flux rate $(ug/min/m^2)$ · Area of building (m^2)

Flux out is a simple function of steady state concentration and ventilation rate:

Thus:

Conc in air
$$(ug/m^3) = (Flux Rate \cdot Area of Bldg) / Ventilation rate$$

For residential buildings, the median ventilation rate is about 0.5 air changes per hour (1 volume per 2 hours), and this value is selected as a conservative default for on-yard commercial/industrial buildings. Thus:

Ventilation rate
$$(m^3/min) = Volume (m^3) / (2 hr)$$

= Area of Bldg $(m^2) \cdot Height (m) / (120 min)$

Combining yields:

Conc in air = Flux rate
$$\cdot$$
 120 / Height

Assuming a height of about 3 meters (9 feet) for the height of a room yields:

Conc in Indoor Air
$$(ug/m^3)$$
 = Flux rate $(ug/m^2/min) \cdot 40$

Soil gas flux measurements were collected at a number of stations located above known plumes of groundwater or soil contamination. These locations are shown in Figures 3-4a to 3-4c. Exposure was evaluated for any flux chamber where one or more VOCs was detected. In cases where more than one detected value was available, the higher of the two values was used.

Approach for VOCs Released from Water

For release of VOCs to indoor air from indoor groundwater uses, the transfer factor approach was used (USEPA 1991c). The transfer factor (TF) is defined as the average ratio of the concentration of a VOC in indoor air (mg/m³) divided by the concentration in water (mg/L). That is:

$$TF = C(air)/C(water)$$

thus:

$$C(air) = C(water) \cdot TF$$

The value of the transfer factor varies from home to home. A conservative default value is 0.5 mg/m³ per mg/L (USEPA 1991c), and this value was used in this risk assessment.

The concentration value used for C(water) was the EPC for the VOC in water, derived as described above.

Approach for Dust in Air

No data are available on the concentration of chemicals in air that result from release of on-yard dusts to off-yard locations. Therefore, off-site concentrations of contaminants in dust in air were estimated using the following equations:

$$\begin{split} &C_{\text{off-site air}}\left(mg/m^3\right) = C_{\text{on-site air}}\left(mg/m^3\right) \cdot AtF \\ &C_{\text{on-site air}}\left(mg/m^3\right) = C_{\text{on-site soil}}\left(mg/kg\right) \cdot PEF\left(kg/m^3\right) \end{split}$$

where:

AtF = Attenuation factor (the decrease in concentration of site-related dust particles in air as a function of distance from the site)

PEF = Particulate emission factor (kg of soil per m³ of air)

Because some residences are located quite close to the site boundary, a screening level value of 1.0 was assumed for the attenuation factor. This will result in an overestimate of exposure at residences that are relatively far from the site. The PEF was calculated in accord with the approach described in USEPA (1996a) (see Appendix B for detailed equation and inputs). The resulting value is 3.43E-09 kg/m³ (3.43 ug/m³).

The concentration values for soil used to estimate contaminant concentrations in air were the EPCs for surface soil, averaged across all AOIs within four on-yard source areas: Region 1, Region 2, Region 3, and Regions 4+5.

Approach for Fish

EPCs for fish were calculated based on all non-forage fish samples from within an exposure point. This included samples of traditional game fish (e.g., trout, bass) along with other "rough" fish (e.g., suckers, carp) that are usually large enough to be consumed by humans. Calculations included whole body as well as fillet samples, as available.

Results

Appendix D presents tables that summarize the EPCs for each COPC in each medium of potential concern at the site (soil, groundwater, indoor air, outdoor air, surface water, sediment, and fish).

3.4.4 Human Exposure Parameters

For every exposure pathway of potential concern, it is expected that there will be differences between different individuals in the level of exposure at a specific location due to differences in intake rates, body weights, exposure frequencies and exposure durations. Thus, there is normally a wide range of average daily intakes between different members of an exposed population. Because of this, all daily intake calculations must specify what part of the range of doses is being estimated. Typically, attention is focused on intakes that are "average" or are otherwise near the central portion of the range, and on intakes that are near the upper end of the range (e.g., the 95th percentile). These two exposure estimates are referred to as Central Tendency Exposure (CTE) and Reasonable Maximum Exposure (RME), respectively.

This variability in exposure between different members of the population should not be confused with the uncertainty that is often encountered in attempting to estimate either CTE or RME daily chemical intake levels. This uncertainty arises because there are usually insufficient data to accurately define the true distribution of key variables and to accurately identify key exposure parameters such as typical and upper bound intake rates, exposure frequencies and exposure durations. Thus, intake calculations should always be viewed as estimates that have an associated degree of uncertainty, both for CTE and RME values. This uncertainty is discussed in Section 6.

The USEPA has collected a wide variety of data and has performed a number of studies to help establish default values for most residential and worker exposure parameters, and some recreational exposure parameters. The chief sources of these standard default values are the following documents:

- 1. Risk Assessment Guidance for Superfund (RAGS). Volume I. Human Health Evaluation Manual (Part A). USEPA 1989.
- 2. Human Health Evaluation Manual, Supplemental Guidance: "Standard Default Exposure Factors". USEPA 1991a.
- 3. Superfund's Standard Default Exposure Factors for the Central Tendency and Reasonable Maximum Exposure. Draft. USEPA 1993a.

Tables 3-5, 3-6, and 3-7 list the exposure parameters selected for use at this site for workers, residents, and recreational visitors, respectively. Whenever possible, these parameters were derived from USEPA guidance. In some cases, no data or guidance was available, and these exposure parameters were selected based on professional judgement.

It should be noted that exposure parameters for on-yard workers were assumed to be the same for all on-yard AOIs, even though worker exposure is not actually likely to be equal in all locations. However, data on actual current worker exposure patterns are not sufficient to allow development of AOI-specific exposure factors, and even if such factors were available, worker activity patterns in the future might be different than at present. Thus, the exposure and risk estimates for each AOI should be recognized as generic, and true exposures and risks might be different in some cases

4.0 TOXICITY ASSESSMENT

4.1 **OVERVIEW**

The basic objective of a toxicity assessment is to identify what adverse health effects a chemical causes, and how the appearance of these adverse effects depends on exposure level. In addition, the toxic effects of a chemical frequently depend on the route of exposure (oral, inhalation, dermal) and the duration of exposure (subchronic, chronic, or lifetime). Thus, a full description of the toxic effects of a chemical includes a listing of what adverse health effects the chemical may cause, and how the occurrence of these effects depends upon dose, route, and duration of exposure.

The toxicity assessment process is usually divided into two parts: the first characterizes and quantifies the non-cancer effects of the chemical, while the second addresses the cancer effects of the chemical. This two-part approach is employed because there are typically major differences in the time-course of action and the shape of the dose-response curve for cancer and non-cancer effects.

Non-Cancer Effects

Essentially all chemicals can cause adverse health effects if given at a high enough dose. However, when the dose is sufficiently low, typically no adverse effect is observed. Thus, in characterizing the non-cancer effects of a chemical, the key parameter is the threshold dose at which an adverse effect first becomes evident. Doses below the threshold are considered to be safe, while doses above the threshold are likely to cause an effect.

The threshold dose is typically estimated from toxicological data (derived from studies of humans and/or animals) by finding the highest dose that does not produce an observable adverse effect, and the lowest dose which does produce an effect. These are referred to as the "No-observed-adverse-effect-level" (NOAEL) and the "Lowest-observed-adverse-effect-level" (LOAEL), respectively. The threshold is presumed to lie in the interval between the NOAEL and the LOAEL. However, in order to be conservative (protective), non-cancer risk evaluations are not based directly on the threshold exposure level, but on a value referred to as the Reference Dose (RfD). The RfD is an estimate (with uncertainty spanning perhaps an order of magnitude)

of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime.

The RfD is derived from the NOAEL (or the LOAEL if a reliable NOAEL is not available) by dividing by an "uncertainty factor". If the data are from studies in humans, and if the observations are considered to be very reliable, the uncertainty factor may be as small as 1.0. However, the uncertainty factor is normally at least 10, and can be much higher if the data are limited. The effect of dividing the NOAEL or the LOAEL by an uncertainty factor is to ensure that the RfD is not higher than the threshold level for adverse effects. Thus, there is always a "margin of safety" built into an RfD, and doses equal to or less than the RfD are nearly certain to be without any risk of adverse effect. Doses higher than the RfD may carry some risk, but because of the margin of safety, a dose above the RfD does not mean that an effect will necessarily occur.

Cancer Effects

For cancer effects, the toxicity assessment process has two components. The first is a qualitative evaluation of the weight of evidence (WOE) that the chemical does or does not cause cancer in humans. Typically, this evaluation is performed by the USEPA, using the system summarized below:

WOE Group	Meaning	Description
A	Known human carcinogen	Sufficient evidence of cancer in humans.
B1	Probable human carcinogen	Suggestive evidence of cancer incidence in humans.
B2	Probable human carcinogen	Sufficient evidence of cancer in animals, but lack of data or insufficient data in humans.
С	Possible human carcinogen	Suggestive evidence of carcinogenicity in animals.
D	Cannot be evaluated	No evidence or inadequate evidence of cancer in animals or humans.

For chemicals which are classified in Group A, B1, B2, or C, the second part of the toxicity assessment is to describe the carcinogenic potency of the chemical. This is done by quantifying how the number of cancers observed in exposed animals or humans increases as the dose

increases. Typically, it is assumed that the dose response curve for cancer has no threshold, arising from the origin and increasing linearly until high doses are reached. Thus, the most convenient descriptor of cancer potency is the slope of the dose-response curve at low doses (where the slope is still linear). This is referred to as the Slope Factor (SF), which has dimensions of risk of cancer per unit dose.

Estimating the cancer Slope Factor is often complicated by the fact that observable increases in cancer incidence usually occur only at relatively high doses, frequently in the part of the dose-response curve that is no longer linear. Thus, it is necessary to use mathematical models to extrapolate from the observed high dose data to the desired (but unmeasurable) slope at low dose. In order to account for the uncertainty in this extrapolation process, USEPA typically chooses to employ the upper 95th confidence limit of the slope as the Slope Factor. That is, there is a 95 percent probability that the true cancer potency is lower than the value chosen for the Slope Factor. This approach ensures that there is a margin of safety in cancer as well as non-cancer risk estimates.

4.2 TOXICITY VALUES

Toxicity values (RfD and SF values) that have been established by USEPA are listed in an online database referred to as "IRIS" (Integrated Risk Information System). Other toxicity values are listed in the Health Effects Assessment Summary Tables (HEAST) (USEPA 1997), or are available as interim recommendations from USEPA's Superfund Technical Assistance Center operated by the National Center for Environmental Assessment (NCEA). These values are all available in a table of toxicity data assembled by USEPA Region 3 (USEPA 2002).

Table 4-1 summarizes the toxicity values used for evaluation of human health risks from quantitative COPCs at this site. Points to note regarding the data in this table are listed below:

- Two oral RfD values are available for cadmium, depending on exposure medium (water, food). The value for food is assumed to apply to soil.
- The RfD for manganese is based on the oral RfD of 1.4E-01 in the diet, divided by a Modifying Factor of 3 for exposure to manganese in non-food materials (soil, water).

- The valence state of chromium in soil and water is not known, so it was conservatively assumed that all chromium is present as the hexavalent form, since this has a lower RfD than the trivalent form and is also considered to be carcinogenic when inhaled.
- Oral RfD values are not available for most PAHs. A value of 2E-02 mg/kg-day was assumed, based on the value for naphthalene. This value was selected because it is the lowest established RfD for a PAH-class compound.
- Cancer risks (both oral and inhalation) for PAH-class compounds were based on the cancer risks for benzo(a)pyrene multiplied by the Estimated Order of Potency (EOP) values established by EPA (USEPA 1993b, 1994):

$$SF(PAH_i) = SF_{BaP} \cdot EOP(PAH_i)$$

PAH	ЕОР
Benzo(a)pyrene	1.0
Benzo(a)anthracene	0.1
Benzo(b) fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1.0
Indeno(1,2,3-c,d)pyrene	0.1

- All 1,2-dichloroethane (DCE) was evaluated using the RfD for "total" DCE, since that RfD is slightly lower than the RfD for *cis*-1,2-DCE.
- For trichloroethene (TCE), EPA has not identified a consensus oral or inhalation slope factor value, but rather a range of alternative estimates, most of which are between 2E-02 and 4E-01 (mg/kg-day)⁻¹ (USEPA 2001). Because of the uncertainty in these estimates, USEPA Region 8 recommends using slope factors that were previously derived by NCEA. These NCEA slope factors are slightly lower than the low end of the current range of values estimated in USEPA (2001). These uncertainties in the slope factors for TCE should be taken into consideration in interpreting the estimated cancer risks from ingestion and inhalation of this chemical.

When estimating risk from inhalation exposure to soil particles in air or VOCs released to air from water or soil gas, if inhalation toxicity factors were not available, oral values were used as screening-level estimates of the inhalation values.

5.0 RISK CHARACTERIZATION

5.1 BASIC METHODS

Non-Cancer Risk

For most chemicals, the potential for non-cancer effects is evaluated by comparing the estimated daily intake of the chemical over a specific time period with the RfD for that chemical derived for a similar exposed period. This comparison results in a non-cancer Hazard Quotient (HQ), as follows (USEPA 1989):

$$HQ = DI / RfD$$

where:

HQ = Hazard Quotient

DI = Daily Intake (mg/kg-day) RfD = Reference Dose (mg/kg-day)

If the HQ for a chemical is equal to or less than one (1E+00), it is believed that there is no appreciable risk that non-cancer health effects will occur. If an HQ exceeds 1E+00, there is some possibility that non-cancer effects may occur, although an HQ above 1E+00 does not indicate an effect will definitely occur. This is because of the margin of safety inherent in the derivation of all RfD values (see Section 4.1). However, the larger the HQ value, the more likely it is that an adverse effect may occur.

If an individual is exposed to more than one chemical, a screening-level estimate of the total non-cancer risk is derived simply by summing the HQ values for that individual. This total is referred to as the Hazard Index (HI). If the HI value is less than 1E+00, non-cancer risks are not expected from any chemical, alone or in combination with others. If the screening level HI exceeds 1E+00, it may be appropriate to perform a follow-on evaluation in which HQ values are added only if they affect the same target tissue or organ system (e.g., the liver). This is because chemicals which do not cause toxicity in the same tissues are not likely to cause additive effects.

Risks from Lead

In the case of lead, a somewhat different approach is used to characterize risk. Rather than calculating an HQ for lead, risk is characterized in terms of the probability that an exposed individual will have a blood lead level that exceeds a level of health concern $(10 \text{ ug/dL})^1$. The methodology that is recommended for assessing risks to adult workers exposed to lead from soil ingestion is detailed in USEPA (1996b). The approach is based on the expectation that pregnant workers may be exposed to lead from ingestion of soil, and that this exposure could pose a risk to the fetus. The basic equation for quantifying the level of exposure in the adult worker is:

$$PbB_{GM,adult} = PbB0_{adult} + BKSF(PbS \cdot IR \cdot AF \cdot EF / 365)$$

where:

Geometric mean blood lead value in exposed adults (ug/dL) $PbB_{GM.adult}$ PbB0_{adult} Geometric mean blood lead value in unexposed adults (ug/dL) **BKSF** = Biokinetic slope factor (ug/dL increase in PbB per ug/day absorbed) PbS Mean concentration of lead in soil (ug/g) = IR Ingestion rate of soil (g/day) AF Absorption fraction (ug absorbed per ug ingested) = EF Exposure frequency (days per year)

The distribution of blood lead values in the exposed population of adult workers is then characterized as a lognormal distribution:

$$PbB_{adult} = LN(PbB_{GM,adult}, GSD)$$

where:

GSD = geometric standard deviation of blood lead values between different individuals

 $^{^{1}}$ dL = deciliter (0.1 L or 100 mL).

The concentration of lead in the blood of the fetus is approximately 90% of that in the mother (USEPA 1996b), so the distribution of blood lead values in the fetus is:

$$PbB_{fetus} = 0.9 \cdot LN(PbB_{GM \text{ adult}}, GSD)$$

The probability that a fetal blood lead value will exceed the level of health concern (10 ug/dL) in the fetus is referred to as "P10", and may be calculated using the LOGNORMDIST function available in Excel, which returns the fraction of the lognormal distribution that is less than some specified value (10 ug/dL):

where:

$$mu = ln(PbB_{fetus})$$

 $sigma = ln(GSD)$

Input parameters used in the calculations are summarized below:

Parameter	Value	Source	Note
PbB0 _{adult}	2.0 ug/dL	USEPA (1996b)	Value is in central part of range (1.7-2.2 ug/dL)
BKSF	0.4 ug/dL per ug/day	USEPA (1996b)	National default
IR	0.05 g/day	USEPA (1996b)	Same CTE intake rate of soil as used for other chemicals (see Table 3-5)
EF	219 days/year	USEPA (1996b)	Same CTE exposure frequency to soil as used for other chemicals (see Table 3-5)
AF	0.12	USEPA (1996b)	National default
GSD	1.8	USEPA (1996b)	Because exposed population is all from one community, the value for a homogeneous population is used

Excess Cancer Risk

The excess risk of cancer from exposure to a chemical is described in terms of the probability that an exposed individual will develop cancer because of that exposure by age 70. For each

chemical of concern, this value is calculated from the daily intake of the chemical from the site, averaged over a lifetime (DI_L), and the slope factor (SF) for the chemical, as follows (USEPA 1989):

Excess Cancer Risk =
$$1 - \exp(-DI_L \cdot SF)$$

In most cases (except when the product of DI_L · SF is larger than about 0.01), this equation may be accurately approximated by the following:

Excess Cancer Risk =
$$DI_L \cdot SF$$

Excess cancer risks are summed across all chemicals of concern and all exposure pathways that contribute to exposure of an individual in a given population.

The level of total cancer risk that is of concern is a matter of personal, community, and regulatory judgement. In general, the USEPA considers excess cancer risks that are below about 1E-06 to be so small as to be negligible, and risks above 1E-04 to be sufficiently large that some sort of remediation is desirable. Excess cancer risks that range between 1E-04 and 1E-06 are generally considered to be acceptable (USEPA 1991b), although this is evaluated on a case by case basis, and EPA may determine that risks lower than 1E-04 are not sufficiently protective and warrant remedial action.

The detailed calculations of cancer and non-cancer risks for all receptors are presented in Appendix E, and summaries of the findings are provided below.

5.2 RISK ESTIMATES FOR ON-YARD WORKERS

5.2.1 Risks from Soil

Table 5-1 presents the estimated non-cancer and cancer risks to workers from ingestion of soil. As seen, non-cancer HI values do not exceed a value of 1E+00 at most AOIs for either the CTE or the RME receptor. The exception is for AOI 21, where non-cancer risks for RME workers are 2E+00, mainly from the ingestion of arsenic. Cancer risks are mainly within or below EPA's risk range (1E-04 to 1E-06), except for RME workers at AOI 21 and 27. At AOI 21, RME cancer

risk may reach a level of 2E-04 due mainly to arsenic in soil. At AOI 27, RME cancer risk may reach a level of 7E-04, due mainly to the presence of PAHs (especially benzo(a)pyrene) in soil.

Table 5-2 summarizes the estimated risk to workers from exposure to lead in soil. Although soil lead levels are elevated in some AOIs, the probability that a pregnant worker will have a blood lead value that could be of concern to a fetus is 2.1% or less at all locations, well below EPA's health-based goal (P10 \leq 5%).

5.2.2 Risks from Groundwater

Table 5-3 presents the estimated non-cancer and cancer risks to workers from ingestion of groundwater. As seen, ingestion of groundwater would be of both non-cancer and cancer concern at a number of AOIs, including 13, 21, 22A, 22B, 30, 32, 33, 34, 38, SPRR3, and SPRR5. In most cases the excess cancer risk is due primarily to vinyl chloride, although arsenic and benzo(a)pyrene contribute to the risk in a few cases. Non-cancer risk drivers vary from AOI to AOI, with most of the risk coming from vinyl chloride, arsenic, antimony, naphthalene, benzene, trichloroethene (TCE), or acetone.

Table 5-4 presents estimated risks from inhalation of VOCs that could be released into indoor air from indoor uses of groundwater. As seen, non-cancer and/or cancer risks exceed EPA's usual risk range at a number of AOIs, including 13, 21, 22A, 22B, 30, 32, 33, 34, 37, 38, SPRR3, and SPRR5. Excess cancer risk is attributable to several different chemicals, including vinyl chloride, benzene, ethylbenzene, and 1,2,3-trichloropropane. Non-cancer risks are due mainly to naphthalene and 1,2-DCE, with benzene, vinyl chloride, 2-methylnaphthalene, and acetone contributing risk in some cases.

These results indicate that groundwater beneath several areas of the site would pose a substantial risk to workers from one or both of two pathways (direct ingestion, inhalation of VOCs) if it were ever used for drinking or other indoor purposes.

5.2.3 Risks from Soil Gas Intrusion

Table 5-5 summarizes the estimated risks to workers from inhalation of VOCs intruding into buildings from soil gas. Because these calculations are based on measured rates of VOC flux at the surface, these estimates include the contribution from VOCs in both soil and groundwater.

As noted earlier, calculations were not performed at stations where there were no VOCs detected in the flux chamber sample. As seen, for chambers where one or more VOC was detected, risks do not exceed EPA's target risk range for either cancer or non-cancer effects. These results indicate that soil gas intrusion is not likely to be of concern to workers in on-site buildings.

5.3 RISK ESTIMATES FOR OFF-YARD RESIDENTS

5.3.1 Risks from Dust in Air

Table 5-6 presents the estimated level of risks to current or future off-yard residents from inhalation of dust that is released to air at on-yard locations and moved by wind to off-yard locations. As seen, risks are below EPA's risk range for both cancer and non-cancer effects in all exposure zones. This indicates that dust released to off-site locations is not likely to be of health concern to off-yard residents.

5.3.2 Risks from Groundwater

Table 5-7 presents hypothetical risks to off-site residents from ingestion of contaminated groundwater derived from various on-yard groundwater plumes. Table 5-8 presents the estimated risks from inhalation of VOCs released into indoor air from indoor uses of groundwater. The pattern of risks is similar to that seen previously for workers (see Tables 5-3 and 5-4), except that risks to residents are higher than to workers. This is because water ingestion rates and time spent inside are both higher for residents than workers. These results support the conclusion that groundwater at most on-site locations is not suitable for residential use or consumption.

5.3.3 Risks from Soil Gas Intrusion

Off-site residents might be exposed to soil gas that migrates from on-yard locations via preferential subsurface pathways such as sewer or utility line bedding material. At present, no measurements of off-yard soil gas migration are available, so this pathway has not been evaluated quantitatively. Based on the finding that risks to on-yard workers from soil gas intrusion into current or future on-yard buildings are within or below EPA's risk range (see Section 5.2.3, above), it is considered likely that off-yard risks from soil gas intrusion are also

low. However, further studies are being performed to investigate this exposure pathway, and the results will be presented in a supplement to this risk assessment.

5.4 RISK ESTIMATES FOR OFF-YARD RECREATIONAL VISITORS

5.4.1 Risks from Surface Water and Sediment

Table 5-9 summarizes the estimated risks to recreational visitors (adults and children) from incidental ingestion of surface water and sediment at each of the exposure areas considered. As seen, risks are within or below EPA's risk range for both cancer and non-cancer effects at all exposure areas for all receptor groups. This indicates that risks to recreational visitors from surface water and sediment along the river corridors are not likely to be of concern.

5.4.2 Risks from Soil

Table 5-10 summarizes the estimated risks to recreational visitors (adult and child) from incidental ingestion of soil at exposures locations along the Weber River riparian corridor and at the 21st Street Pond. As seen, risks are within or below EPA's risk range for both cancer and non-cancer effects at all exposure areas for all receptor groups. This indicates that risk to recreational visitors from contact with surface soil is not likely to be of concern.

5.4.3 Risks from Ingestion of Fish

Risks from Non-PCB Chemicals

Estimated cancer and non-cancer risks to area anglers from ingestion of non-PCB COPCs in fish caught from the 21st Street Pond are summarized below:

Estimated Risks from Non-PCBs in Fish from the 21st Street Pond

Recreational Population	Non-Cancer HI		Cancer Risk	
	СТЕ	RME	CTE	RME
Adult	2E-02	1E-01	7E-07	8E-06
Child	2E-02	1E-01	2E-07	2E-06

As seen, risks from non-PCBs in fish from the 21st Street Pond do not exceed EPA's risk range for cancer or non-cancer effects. Data for non-PCB contaminants are not available for fish from the Weber River or the Ogden River, but there is no known reason to suspect that risks would be higher at these locations than in the 21st Street Pond.

Risks from PCBs

As discussed previously (see Section 3.4.3), two different methods are available for evaluating risks from PCBs. The first approach is based on an estimate of the total amount of PCB present in a medium, expressed as the Aroclor-equivalent concentration (mg/kg). At this site, Aroclor-equivalent data are available for fish caught from the 21st Street Pond. The estimated cancer and non-cancer risks to area anglers from ingestion of these fish are summarized below:

Estimated Risks from PCBs (as Aroclor) in Fish from the 21st Street Pond

Recreational Population	Non-Cancer HQ		Excess Cancer Risk	
	CTE	RME	CTE	RME
Adult	9E-01	6E+00	8E-06	9E-05
Child	8E-01	5E+00	2E-06	3E-05

As seen, this approach indicates that cancer risks do not exceed EPA's risk range for either adults or children, but estimated non-cancer HQ values exceed 1E+00 for the RME adult and RME child. These results suggest that ingestion of fish caught within the 21st Street Pond might be of potential health concern to fishermen because of non-cancer (but not cancer) risks of PCBs.

The second approach for evaluating risks from PCBs is to measure the concentration of each of 12 different congeners with significant TCDD-toxicity, and then to calculate the probability of cancer based on the TEQ approach. The results of this method are shown in Table 5-11. As seen, estimated cancer risks are mainly within or below EPA's risk range, except for a risk estimate of 2E-04 for an RME adult who fishes mainly along the Ogden River in Reach B (just upstream of the 21st Street Pond).

Taken together, these results suggest that cancer risks from PCBs in fish from within and near the 21st Street Pond are likely to be mainly within EPA's acceptable risk range (1E-04 to 1E-06). Potential non-cancer risks based on the Aroclor equivalent method suggest a basis for concern, but these results should be interpreted cautiously. Most importantly, the Aroclor-based approach

is uncertain because the toxicity factor is derived from studies of a commercial Aroclor mixture, while the on-site exposure is to a mixture of congeners that, because of differential fate and transport processes, is generally quite different in congener ratios than the starting commercial Aroclor mixture. However, at present there is no congener-based method for estimating non-cancer-based risks from PCBs. If it is assumed that the ratio of congener-based non-cancer risk compared to Aroclor-based non-cancer risk is the same as was observed for cancer risk (congener-based cancer risk estimates for fish from the 21st Street Pond are about 2-3 fold lower than estimates based on the Aroclor-equivalent method), then noncancer risk estimates would likely be below a level of concern for most people, with the possible exception of RME individuals.

6.0 UNCERTAINTIES

Quantitative evaluation of the risks to humans from environmental contamination is frequently limited by uncertainty regarding a number of key data items, including concentration levels in the environment, the true level of human contact with contaminated media, and the true dose-response curves for non-cancer and cancer effects in humans. This uncertainty is usually addressed by making assumptions or estimates for uncertain parameters based on whatever limited data are available. Because of these assumptions and estimates, the results of risk calculations are themselves uncertain, and it is important for risk managers and the public to keep this in mind when interpreting the results of a risk assessment. The following sections review the main sources of uncertainty in the risk calculations performed at this site.

6.1 UNCERTAINTIES IN EXPOSURE ESTIMATION

As described above, the risk assessment process begins with estimation of human exposure to potentially toxic chemicals in environmental media. There are multiple sources of uncertainty in these exposure estimates, as discussed below.

Uncertainties from Exposure Pathways Not Evaluated

As discussed in Section 3 (see Figure 3-1), humans may be exposed to site-related chemicals by a number of pathways, but not all of these pathways were evaluated quantitatively in this risk assessment. In most cases, this is because the contribution of the pathway omitted is believed to be minor compared to one or more other pathways that were evaluated. In these cases, omission of the minor pathways will result in a small underestimation of exposure and risk, but the magnitude of this underestimation is not expected to be significant. In the case of dermal exposure, the magnitude of the underestimation is generally presumed to be small, but this may vary between different chemicals and different exposure pathways (dermal contact with soil, sediment or water), and might become significant in some cases. If so, that would result in an underestimation of risk.

Uncertainties From Chemicals Not Evaluated

As discussed in Section 3.3, many chemicals were detected in one or more environmental media, but exposure and risk were quantified only for a selected subset (the COPCs) of those chemicals.

In many cases, omission of a chemical is not a significant source of uncertainty, since the chemical is known to have very low toxicity, or because the highest level of the chemical detected does not approach a level of concern. However, some chemicals that were not evaluated are a source of uncertainty and may be associated with an underestimation of risk.

Qualitative Type 1 COPCs are chemicals that were not evaluated quantitatively because no toxicity data were available. Thus, the magnitude of the risk posed by the chemical cannot be estimated. However, it is often true that absence of a toxicity value is the result of a low level of concern over the chemical. Thus, chemicals that lack toxicity factors may contribute some added risk to exposed humans, but the level of added risk is not expected to be large.

Qualitative Type 2 COPCs are chemicals that were not evaluated quantitatively because they were never detected, but the detection limit was too high to expect that the chemical would have been frequently detected if it were present at a level approaching a concentration of possible health concern. Thus, omission of Type 2 qualitative COPCs could result in an underestimation of exposure and risk. However, in most cases, the magnitude of the underestimation is not likely to be large, since most detection limits were adequate to detect the chemical if it were present at a level of clear health concern.

Uncertainties in Exposure Point Concentrations

In all exposure calculations, the desired input parameter is the true mean concentration of a contaminant within a medium, averaged over the area where random exposure occurs. However, because the true mean cannot be calculated based on a limited set of measurements, the USEPA (1992) recommends that the exposure estimate be based on the 95% upper confidence limit of the mean. This approach helps ensure that exposure and risk estimates are more likely to be high than low.

When data are plentiful and inter-sample variability is not large, the EPC may approach the mean of the data. However, when data are sparse or are highly variable, the EPC may be far greater than the simple mean of the available data. For example, the mean concentration of benzo[a]pyrene in soil from AOI 27 is 27 mg/kg (based on 2 out of 8 detects), while the EPC (based on the maximum detect) is 200 mg/kg. Likewise, the mean concentration of acetone in groundwater at AOI 32 is 0.8 mg/L (based on one detect out of 12), while the EPC is 10 mg/L

(the maximum). Such EPCs (substantially higher than the mean) reflect the substantial uncertainty that exists when data are sparse or highly variable, and in general are likely to result in an overestimate of risk.

In some cases, no direct measures of concentration in a medium were obtained, so the concentration values (and the EPCs) had to be estimated by mathematical modeling. This includes the concentration of VOCs in indoor air due to release from indoor uses of water and intrusion of VOCs from soil gas, and the release of dust particles into air from on-site locations. In general, mathematical modeling of exposure point concentrations is a source of many additional uncertainties, and exposure point estimates derived in this way often have low reliability.

In the case of risks from dust release into air, estimated potential risk levels were so low that despite the uncertainties in estimating airborne concentration levels, there is very little uncertainty in the conclusion that exposure by this pathway is not of concern.

In the case of inhalation exposure to VOCs that intrude into indoor air from soil gas, measurements of soil gas flux (the rate of release of volatile chemicals from soil to air) serve as the starting point for the calculations. While the flux measurements were made following EPA protocol, these types of measurements are somewhat uncertain, since the values may depend on the barometric pressure and temperature of the days when the samples were collected, and long-term average values might be different than the samples collected. In addition, because some areas of the ground surface at the railyard contain coarse ballast (especially near current and former rail lines), there is a theoretical possibility that flux chamber samples at these locations might have been diluted by ambient air drawn in by short-circuiting through the underlying fill. Indoor air levels were estimated from the soil gas flux data using mathematical models that make assumptions about building size, ventilation rates, and soil gas influx rates. In this case, the mathematics of the indoor air model are relatively simple, so the uncertainty associated with the predicted indoor air levels is relatively low, except for assumptions about the fraction of gas entering the building. As noted above, in order to be conservative, all of the gas beneath the building was assumed to enter the building, an approach which is very likely to result in an overestimation of risk.

In the case of release of VOCs from indoor uses of water into indoor air, the concentration in air is a very complex function of water use rate, building size, and ventilation rates. The transfer

factor approach used to estimate concentration is based on a number of studies, mainly involving radon, and is intended to estimate the long term whole-house average concentration attributable to releases from water. The value selected (0.5 mg/m³ in air per mg/L in water) is at the high end of the values observed for radon, and because radon release from water to air is likely to be as high or higher for radon than most other volatile chemicals, use of this value is likely to overestimate the release of most other volatile chemicals.

In the case of potential future off-site exposure of residents to groundwater, no attempt was made to perform mathematical modeling of future off-site groundwater concentrations, and values were simply assumed to be equal to current on-site concentrations. This assumption does not account for the usual decrease (attenuation) in the concentration of contaminants in a groundwater plume as it migrates away from its source, and consequently exposure and risk estimates from hypothetical future exposure of off-site residents to contaminated groundwater are likely to be too high.

Uncertainties in Human Exposure Parameters

Accurate calculation of risk values requires accurate estimates of the level of human exposure that is occurring. However, because human activity patterns are so variable, data on the average and RME intake rates are limited for some of the pathways considered in this assessment. For example, the CTE and/or RME exposure parameters for the following exposure pathways are judged to have significant uncertainty:

- Ingestion of soil by on-yard workers
- Ingestion of sediment and surface water by recreational visitors
- Ingestion of fish by area anglers

In general, when exposure data were limited or absent, the exposure parameters were chosen in a way that was intended to be conservative. Therefore, the values selected are thought to be more likely to overestimate than underestimate actual exposure and risk.

6.2 UNCERTAINTIES IN TOXICITY VALUES

Toxicity information for many chemicals is often limited. Consequently, there are varying degrees of uncertainty associated with toxicity values (i.e., cancer slope factors, reference doses). For example, uncertainties can arise from the following sources:

- Extrapolation from Animal Studies to Humans. Toxicity results are often derived from studies in animals, and there are substantial uncertainties in the inter-species extrapolation of animal results to humans due to differences in toxicokinetics and toxicodynamics. In general, EPA deals with this uncertainty by application of an uncertainty factor of 10. That is, in cases where humans are either equally sensitive or less sensitive than animals, the toxicity factors will substantially overestimate risk.
- Extrapolation from High Dose to Low Dose. Most animal studies are performed using relatively high exposure levels, and there is often uncertainty in the best way to extrapolate the dose-response curve to the lower exposure levels typically experienced by humans at a Superfund site. In general, EPA deals with this issue by assuming a conservative dose response model, and by using a conservative estimate of the LOAEL and NOAEL.
- Extrapolation from Continuous Exposure to Intermittent Exposure. Most animal studies are performed using a relatively constant exposure design, while most human exposures occur intermittently (especially for recreational visitors). Current risk assessment methods assume that risk is proportional to average dose rather than dose rate, and this could result in either an overestimate or an underestimate of true risk.
- <u>Lack of Adequate Test Results</u>. In some cases, only a few studies are available to characterize the toxicity of a chemical, and uncertainties exist not only in the dose-response curve, but also in the nature and severity of the adverse effects which the chemical may cause. EPA typically deals with this uncertainty by applying an uncertainty factor of 10-100 to account for limitations in the database. Thus, in cases where available data do identify the most sensitive endpoint of toxicity, risk estimates will substantially overestimate true hazard.

Potentially Sensitive Human Subpopulations. In general, it is assumed that some humans may be more sensitive than others to the adverse effects of a chemical, but data are usually not available to determine if this is true. EPA typically deals with this uncertainty by applying an uncertainty factor of 10. Thus, most people are expected to have a risk 10-times lower than calculated, and even if some people do tend to be most sensitive, the calculated risks may still be larger than actual.

In general, uncertainty in toxicity factors is one of the largest sources of uncertainty in risk estimates at a site. Because of the conservative methods EPA uses in dealing with the uncertainties, it is much more likely that the uncertainty will result in an overestimation rather than an underestimation of risk.

Uncertainty in toxicity factors also arises from lack of knowledge on the potential interactive effects of different chemicals. Most RfD and slope factor values are derived from studies of the adverse effects of pure chemicals. However, human exposure scenarios usually involve multiple chemicals, raising the possibility that synergistic or antagonistic interactions might occur. However, data are not adequate to permit any quantitative adjustment in toxicity values or risk calculations based on inter-chemical interactions. This uncertainty may result in over- or underestimates of risk.

6.3 UNCERTAINTIES IN RISK ESTIMATES

A number of limitations are associated with the risk characterization approach for carcinogens and noncarcinogens.

First, because risk estimates for a chemical are derived by combining uncertain estimates of exposure and toxicity (see above), the risk estimates for each chemical are more uncertain than either the exposure estimate or the toxicity estimate alone. However, even if the risk estimates for individual chemicals were quite certain, there is considerable uncertainty in how to combine risk estimates across different chemicals. In some cases, the effects caused by one chemical do not influence the effects caused by other chemicals. In other cases, the effects of one chemical may interact with effects of other chemicals, causing responses that are approximately additive, greater than additive (synergistic), or less than additive (antagonistic). In most cases, available toxicity data are not sufficient to define what type of interaction is expected, so EPA generally assumes effects are additive for non-carcinogens that act on the same target tissue and for

carcinogens (all target tissues). Because documented cases of synergistic interactions between chemicals are relatively uncommon, this approach is likely to be conservative for most chemicals.

However, it should be noted that risk estimates for different chemicals are based on toxicity values (slope factors and reference doses) that often have differing degrees of confidence and uncertainty (both quantitative and qualitative). Thus, summing HQ values and cancer risk estimates across different chemicals tends to commingle risks that are relatively certain with risks that are highly uncertain, and this makes interpretation of the combined risk estimates more difficult

For non-carcinogens, summing HQ values across different chemicals is properly applied only to compounds that induce the same effect by the same mechanism of action. Consequently, summation of HQ values for compounds that are not expected to include the same type of effects or that do not act by the same mechanisms could overestimate the potential for effects.

6.4 SUMMARY OF UNCERTAINTIES

Table 6-1 summarizes the main sources of uncertainty discussed above, indicates whether the approach used to deal with the uncertainty is more likely to underestimate or overestimate risk, and provides a rough estimate of the likely magnitude of the under- or over-estimation. As seen, some uncertainties will tend to lead to an underestimate of risk, but these underestimates are thought to be relatively small. A number of uncertainties are likely to lead to an overestimate of risk, and in some cases, these overestimates might be moderate to large. Based on this, the risk estimates derived in this risk assessment are more likely to overestimate than underestimate risk.

FINAL

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BASELINE HUMAN HEALTH RISK ASSESSMENT FOR THE OGDEN RAILYARD SITE OGDEN, UTAH

Figures



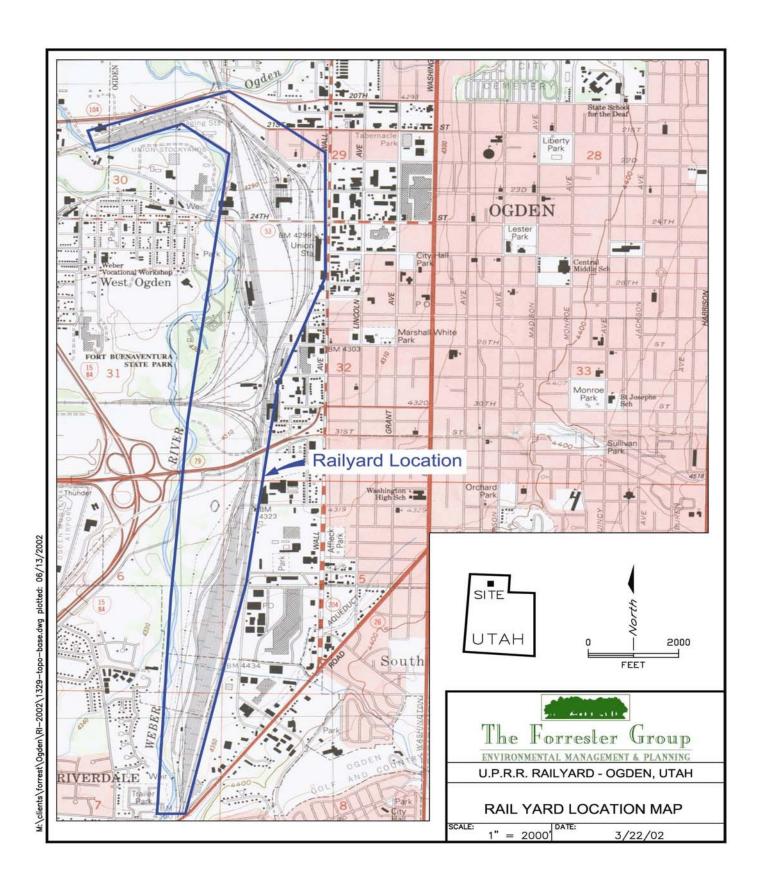
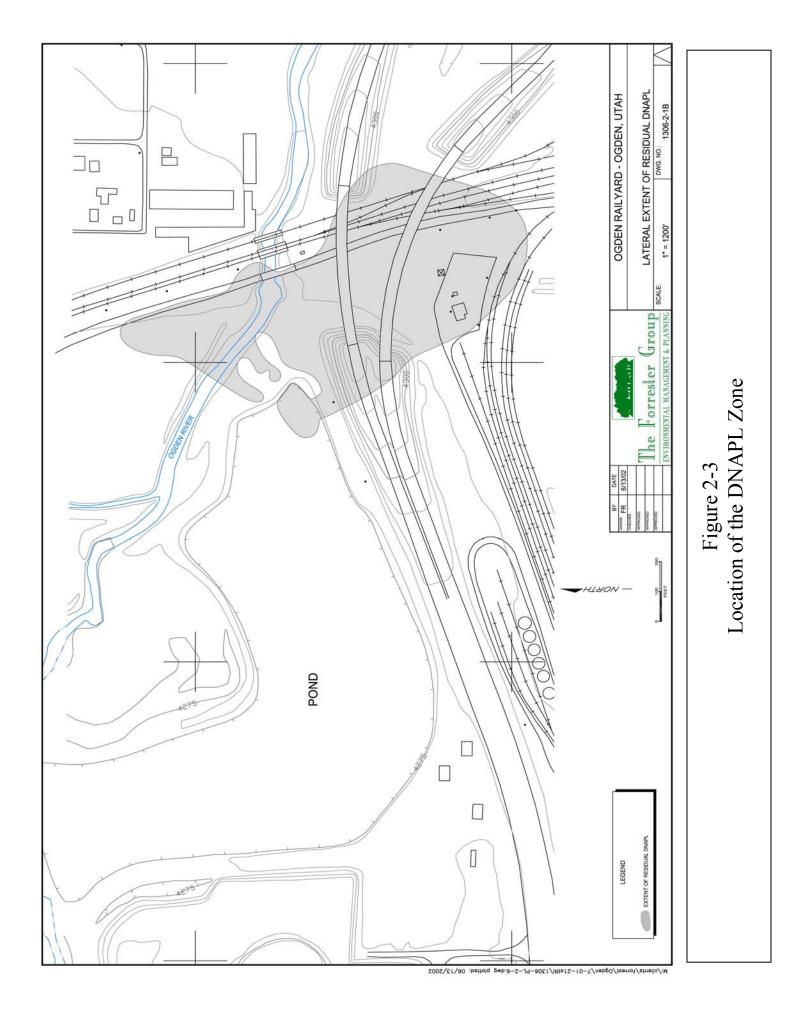


Figure 2-1 Ogden Railyard Location Map



Figure 2-2 Ogden Railyard Areas of Interest (AOIs) **REGION 3 REGION 2** WEBER RIVER UST 8 33^{rd} 28^{th} 20^{th} Street Street Street Street LEGEND BY DATE
DRAWN WRB 6/28/01
CHECKED RI/FS AREA OF INTEREST OGDEN RAILYARD - OGDEN, UTAH LUST LOCATIONS The Forrester Group scale: **AOI LOCATION MAP** 33rd. ST. SLOUGH DWG. NO.: 1306-2-1B ENVIRONMENTAL MANAGEMENT & PLANNING 1" = 1200'







Ingestion PCB Source Sediment Χ Dermal Ingestion Gasification Fish DNAPL Plant Ingestion Surface Water Χ Dermal **●**(a) ●(a) Ingestion Groundwater Χ Dermal **●**(a) Indoor Air Inhalation O(a) Soil gas Leaching Outdoor Air Χ Χ Χ Inhalation USTs On-Yard Subsurface Soils Lagoons Outdoor Air Χ lacktrianΧ Leaching Dust Inhalation Disposal, spills On-Yard Surface Ogden Ingestion Railyard Soils Χ Dermal Off-Yard Surface Ingestion Soils Χ Dermal **LEGEND** Pathway is not complete; no evaluation required Χ Pathway is or might be complete, but is judged to be minor; qualitative evaluation 0 Pathway is or might be complete and could be significant, but data are lacking to support quantitative evaluation; qualitative evaluation Pathway is or might be complete and could be significant; quantitative evaluation

Figure 3-1. Site Conceptual Model for Human Exposure

Worker

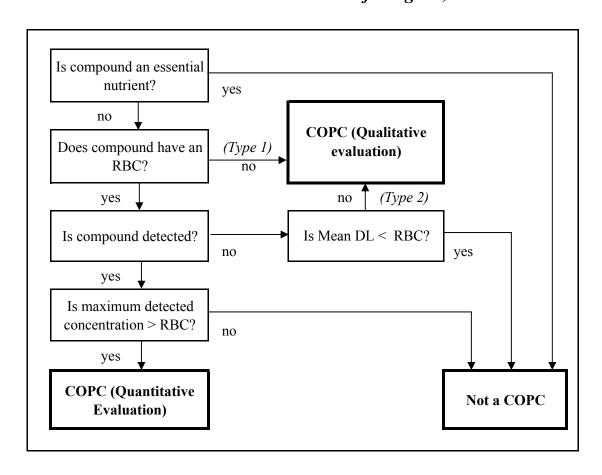
Resident

Recreational

(a) Pathway is not currently complete but might be complete in the future

Figure 3-2. COPC Selection Procedure for Human Health

Human Health Risk Assessment for Ogden, Utah

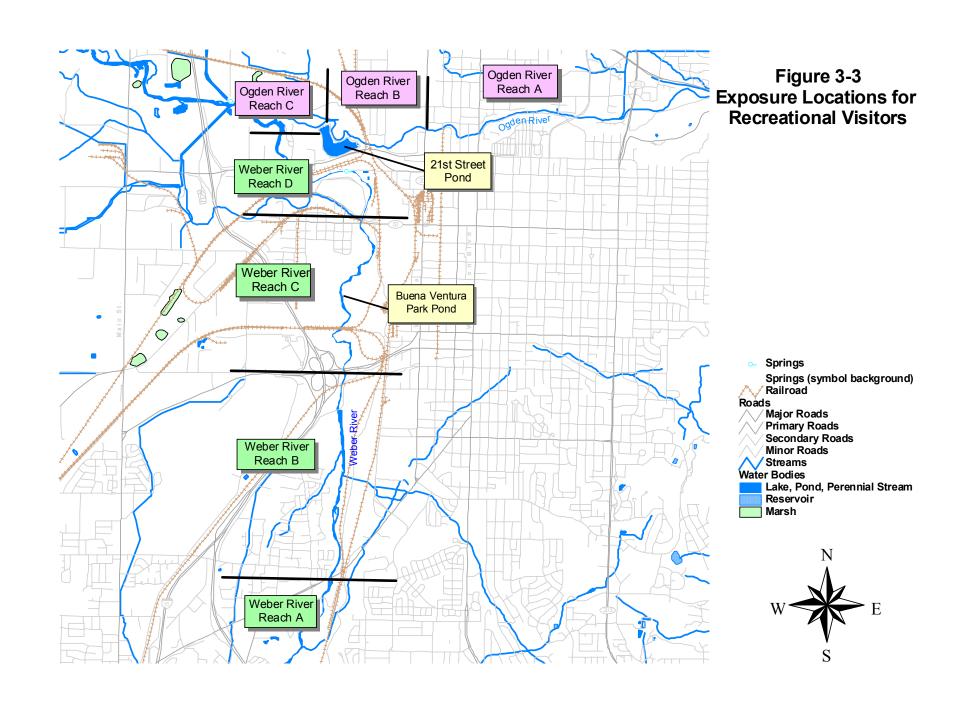


Notes:

RBC = Risk-based concentration (HQ = 0.1, Cancer risk = 1E-06)

COPC = Chemical of potential concern

DL = Detection limit





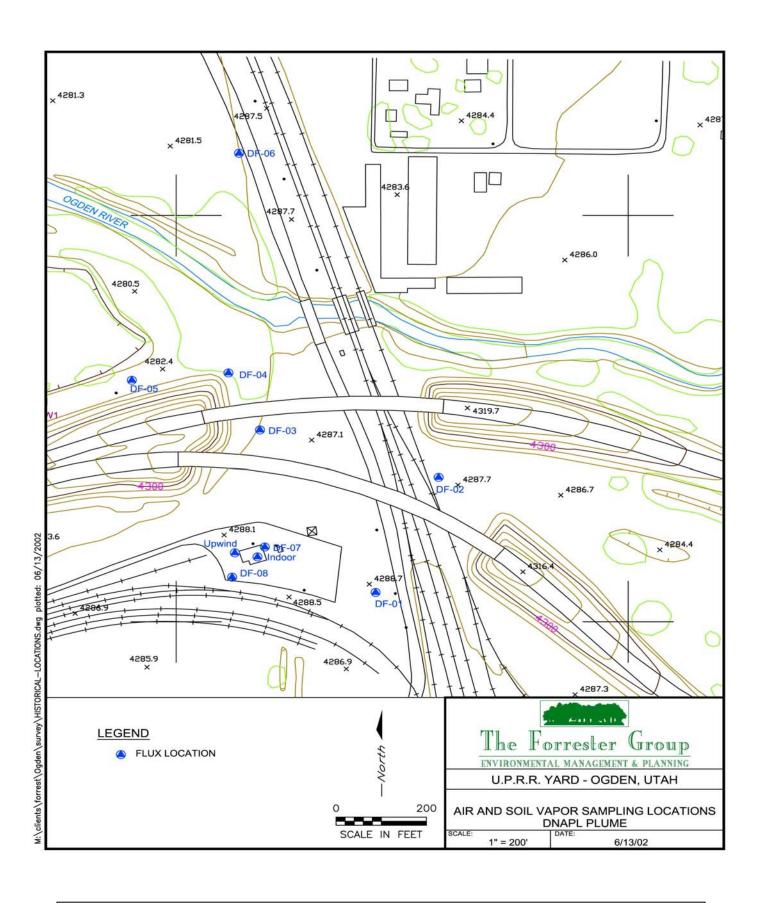


Figure 3-4a Sampling Locations for Soil Gas Flux Chambers



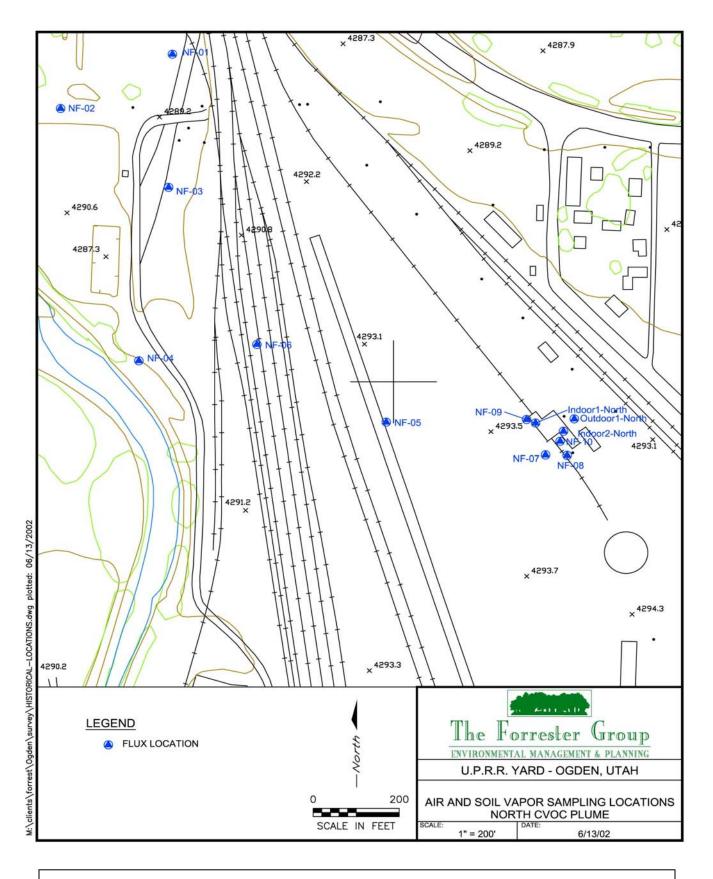


Figure 3-4b Sampling Locations for Soil Gas Flux Chambers



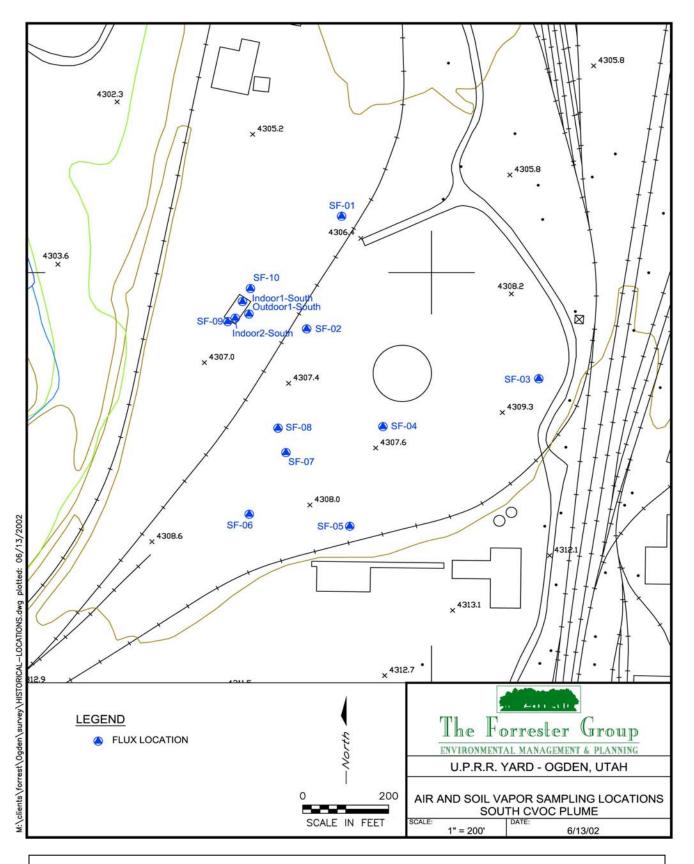


Figure 3-4c Sampling Locations for Soil Gas Flux Chambers



BASELINE HUMAN HEALTH RISK ASSESSMENT FOR THE OGDEN RAILYARD SITE OGDEN, UTAH

Tables



Table 2-1 Summary of Areas of Interest (AOIs)

Area of Interest (AOI)	Name	Description
AOI-1	Former SPRR Diesel ASTs	Former above ground diesel storage tanks
AOI-2	Rail Line to Granary	Granary loading and unloading area
AOI-5	Railroad Tie Storage and Handling	Tie storage facility; several acres; treated ties delivered and stored here for subsequent distribution throughout the railroad system.
AOI-8	Refrigerator Car Maintenance	Refrigerator cars parked for cleaning and maintenance.
AOI-9	Burch Creek	Permanent stream that flows from east to west into Weber River. Diesel spill with subsequent removal.
AOI-10	Storm Drain and Slough	Ephemeral drainage that diverts water under the RR via a culvert that opens under the refrigerator repair tracks at AOI-8. The slough winds across the meadow of the lower terrace floodplain south of the former pond restoration in AOI-27 and becomes poorly defined near the Weber River.
AOI-12	Oil/Water Separator	Within 30 feet of Weber River. Separator was closed and removed in May, 2000.
AOI-13	RIP Tracks	Rail Car Maintenance Area.
AOI-17	Surplus Storage and Salvage	Non-railroad property. Warehousing of old industrial equipment, machinery, scrap metal and wood. The building was previously a slaughter house.
AOI-18	Dyce Chemical Co.	Manufactures and handles organic chemicals and unspecified acids and bases. Tank cars typically parked on RR property. Sampling at siding tracks leading to entry gate.
AOI-19	Former UPRR Laundry	The building housed the former laundry operations that once serviced the entire UPRR passenger rail system. The laundry operated until the 1960s.
AOI 20	Former UPRR Diesel ASTs	Remains of pads for 2 above ground storage tanks removed in 1970's. Aged petroleum present.
AOI-21	Atlas Steel Salvage Yard	Non-railroad; metals salvage yard. Possible drum storage in 1940's just south.
AOI 22A	Former SPRR Roundhouse	Primary engine maintenance for both diesel and steam locomotives. Roundhouse was dismantled in 1954. Remnants of the old fuel dispenser rack exist along the west side of the present soda-ash transfer building.
AOI-22B	Former UPRR Roundhouse	Steam locomotives and early diesel locomotives were serviced in the roundhouse, which was demolished in 1974. Only the concrete foundations remain at ground level and no railroad operations are currently active in this area.
AOI-23	Mucking Lines	Parked rail cars for cold storage refrigeration.
AOI-26	Sludge Reclamation Area	Former pile of sludge from the former UPRR oil reclamation plant. The petroleum based sludge (29,000 tons) was excavated and removed in 1993. Sampling by the State in 1994 indicated that contamination remained.
AOI-27	1996 Pond Closure (Ogden Pond)	Area to the west of the rail tracks formerly used for sludge disposal. Shallow pond formed in a surface depression. Three separate reports characterize the investigations.
AOI-28	Roundhouse Drainage Ditch	Slough on the Fort Buena Ventura Park property that channels water westward from a culvert under the roundabout track to the main diversion canal from the Weber River that supplies the park pond. The drainage comes from an undefined source within the old RR facilities east of the roundabout track. The channel cuts across the lower flood plain terrace.

Table 2-1 Summary of Areas of Interest (AOIs)

Area of Interest (AOI)	Name	Description
AOI-29	Strongs Creek	Emerges from a culvert north of the former UPRR roundhouse and continues as an open drainage discharging north and west to the Weber River.
AOI-30	Current Durbano Salvage Yard and Former UPRR Maintenance Area	Former UPRR rail car maintenance area and oil recycling facility. Includes above-ground storage tanks, process tanks, piping networks, settling ponds and holding ponds.
AOI-32	Oil/Water Separator and Undeground Storage Tank	Oil/water separator facility surrounded by the track network near the current operations office. Underground tank formerly stored the fuel oil for the cabooses and was removed in 1990.
AOI-33	21 st Street Pond	Man-made lake that was excavated in 1973 concurrently with the construction of the 21 st Street overpass. The pond is a borrow pit for the soil forming the overpass ramps. The site was previously a farm. Concerns about seep of hydrocarbons at the southeast end of the lake.
AOI-34	SPRR Water Treatment Plant	Fenced compound of the SPRR waste water treatment plant. Currently inactive, undergoing remediation.
AOI-35	Former D&RGW Rip Track Area	This small maintenance facility and siding yard, active during the steam and diesel locomotive eras. Operations at the yard ceased in the mid to late 1980s. In 1988, an audit was conducted in addition to site assessment and soil remediation because of a possible transfer of the railroad property.
AOI-36	Former D&RGW Roundhouse and Salvage Yard	Engine maintenance area and auto salvage yard. Nothing remains on the RR facility or the salvage operation.
AOI-37	Underground Storage Tank Release	Two leaking underground storage tanks containing diesel fuel. After cleaup, no- further action letter issued by the State in June 2000.
AOI-38	Former SPRR Engine Maintenance Area and Machine Shop	Includes the machine shop, tin and tank shop, power house and storehouse. Early 1970's rupture of diesel fuel service line. Free phase product plume present.
SPRR3 LUST	SPRR3 LUST site	UPRR removed a 1,000 gasoline underground storage tank in June 1997.
SPRR5 LUST	SPRR5 LUST site	Gasoline released from tank or dispenser pipings. After cleaup, no-further action letter issued by the State in June 2000.
33 rd Street Slough	33 rd Street Slough	Surface water is gathered in storm sewers in the city of Ogden east of the railyard and is then channeled under the railyard at 33rd Street. A subgrade culvert ends west of the tracks, and the water flow then flows in an open slough most of the time. West of the railyard, the slough passes through a non-railroad landfill in that area before emptying into the Weber River.

Table 3-1 List of Quantitative COPCs

Ogden Railyard Human Health Risk Assessment

		Off-Site Recrea	ational Visitor		On-Yard Worker	Current and Future Off-S	On-Yard Worker and Site Resident
Chemical Class	Soil	Sediment	Surface Water	Fish	Soil	Groun	dwater
					Aluminum	Antii	nony
					Antimony	Ars	enic
					Arsenic	Bar	ium
	Arsenic	NONE	NONE	NONE	Chromium	Cadr	nium
Inorganics					Copper	Chro	
inorganics					Lead	Le	ad
					Manganese	Mang	anese
					Mercury	Mer	*
1					Selenium	Selei	
						Sil	ver
					Benzo[a]anthracene	2-Methylnaphthalene	Dibenzofuran
		Benzo[a]anthracene			Benzo[a]pyrene	Acenaphthene	Fluoranthene
		Benzo[a]pyrene			Benzo[b]fluoranthene	Benzo[a]anthracene	Fluorene
Polyaromatic	Benzo[a]pyrene	Benzo[b]fluoranthene	NONE	NONE	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-c,d]pyrene
Hydrocarbons (PAHs)	2 31 2	Benzo[k]fluoranthene			Chrysene	Benzo[b]fluoranthene	Naphthalene
		Dibenz[a,h]anthracene			Dibenz[a,h]anthracene	Benzo[k]fluoranthene	Phenanthrene
		Indeno[1,2,3-c,d]pyrene			Indeno[1,2,3-c,d]pyrene	Chrysene	Pyrene
						Dibenz[a,h]anthracene	
Polychlorinated Biphenyls (PCBs)	NONE	PCBs (as Aroclor)	NONE	PCBs (as Aroclor) PCBs (as TEQ)	NONE	PCBs (as	Aroclor)
Pesticides	NONE	NONE	NONE	4,4'-DDE	NONE	NO	NE
						1,4-Dichlorobenzene	bis(2-Ethylhexyl)phthalate
C: W-1-41- O						2,6-Dinitrotoluene	Carbazole
Semi-Volatile Organic	NONE	NONE	NONE	bis(2-Ethylhexyl)phthalate	n-Nitrosodipropylamine	4,6-Dinitro-o-cresol	n-Nitrosodipropylamine
Compounds						4-Methylphenol (p-Cresol)	Pentachlorophenol
						bis(2-Chloroethyl)ether	
						1,1,1-Trichloroethane	Methyl chloride
						1,1,2-Trichloroethane	cis-1,2-Dichloroethene
					1,1-Dichloroethane	Dichloromethane	
			1,2,3-Trichloropropane	Ethylbenzene			
Volatile Organic	NONE	NONE	Dichloromethane	NONE	NONE	1,2-Dichloroethane	Tetrachloroethene
Compounds	NONE	HONE	Diemoromemane	TOTAL	IVOIVE	1,2-Dichloroethene	Toluene
						Acetone	Trichloroethene
						Benzene	Vinyl Chloride
						Chlorodibromomethane	Xylenes (Total)
						Ethyl chloride	

Table 3-2 List of Type 1 Qualitative COPCs

Ogden Railyard Human Health Risk Assessment

Chemical Class		Off-Site Recreation	aal Visitor		On-Yard Worker	On-Yard Worker/ Future Resident
Chemical Class	Soil	Sediment	Surface Water	Fish	Soil	Groundwater
Inorganics	NONE	NONE	NONE	NONE	NONE	NONE
Polyaromatic Hydrocarbons (PAHs)	NONE	NONE	NONE	NONE	NONE	NONE
Polychlorinated Biphenyls (PCBs)	NONE	NONE	NONE	NONE	NONE	NONE
Pesticides	Endrin Aldehyde Endrin ketone Isodrin	Endrin Aldehyde Endrin ketone Isodrin	Endrin Aldehyde Isodrin	Endrin Aldehyde Endrin ketone	Endrin Aldehyde Endrin ketone Isodrin	NONE
Petroleum Hydrocarbons	Diesel fuel	ТРН	Diesel fuel TPH	NONE	Diesel fuel Gasoline Oil and Grease TPH	Diesel fuel Gasoline Oil and Grease
Semi-Volatile Organic Compounds	1-Methylnaphthalene 2-Nitrophenol 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane	1-Methylnaphthalene 2-Nitrophenol 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane	1-Methylnaphthalene 2-Nitrophenol 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane	2-Nitrophenol 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane	1-Methylnaphthalene 2-Nitrophenol 4-Bromophenyl-phenylether 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane	1-Methylnaphthalene 2-Nitrophenol 4-Chloro-3-Methylphenol 4-Chlorophenyl-phenylether bis(2-Chloroethoxy)methane
Volatile Organic Compounds	1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Dichloropropane 2,2-Dichloropropane 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl Chloride) 4-Chlorotoluene Bromobenzene Iodomethane	1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Dichloropropane 2,2-Dichloropropane 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl Chloride) 4-Chlorotoluene Bromobenzene Iodomethane	1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Dichloropropane 2,2-Dichloropropane 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl Chloride) 4-Chlorotoluene Bromobenzene Iodomethane	NONE	1,1-Dichloropropene 1,2,3-Trichlorobenzene 1,3-Dichloropropane 2,2-Dichloropropane 2-Chloroethyl vinyl ether 3-Chloropropene (Allyl Chloride) 4-Chlorotoluene Bromobenzene Iodomethane	2-Chloroethyl vinyl ether 3-Chloropropene (Allyl Chloride) Ethane Iodomethane Methane

Type 1 COPC = No Risk-Based Concentration available

Table 3-3 List of Type 2 Qualitative COPCs

Ogden Railyard Human Health Risk Assessment

			Off-Site Recreational Visit	tor	On-Yard Worker	On-Yard Worker/Fut	ure Resident
Chemical Class	Soil	Sediment	Surface Water	Fish	Soil	Groundwat	er
Inorganics	NONE	NONE	NONE	NONE	NONE	NONE	
Polyaromatic Hydrocarbons (PAHs)	NONE	NONE	Dibenz[a,h]anthracene	Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene	NONE	NONE	
Polychlorinated Biphenyls (PCBs)	NONE	NONE	NONE	NONE	NONE	NONE	
Pesticides	NONE	NONE	NONE	Aldrin alpha-BHC Dieldrin Heptachlor Heptachlor Epoxide Toxaphene	NONE	NONE	
Semi-Volatile Organic Compounds	NONE	n-Nitrosodipropylamine	2-Nitroaniline n-Nitrosodipropylamine	1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Nitroaniline 3,3'-Dichlorobenzidine 3-Nitroaniline 4,6-Dinitro-o-cresol 4-Nitroaniline bis(2-Chloroethyl)ether	4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether Hexachlorobenzene	2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2-Chlorophenol 2-Nitroaniline 3,3'-Dichlorobenzidine 3-Nitroaniline 4-Chloroaniline	4-Nitroaniline 4-Nitrophenol bis(2-Chloroisopropyl)ether Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachlorocyclopentadiene N-Nitrosodiphenylamine
Volatile Organic Compounds	NONE	NONE	Ethylene dibromide (EDB) trans-1,4-Dichloro-2-Butene	NONE	NONE	1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,2-Dibromo-3-chloropropane (DBCP) 1,2-Dichloropropane 1,4-Dioxane Acrolein Acrylonitrile	Bromodichloromethane Carbon Tetrachloride cis-1,3-Dichloropropene Ethylene dibromide (EDB) Methacrylonitrile trans-1,3-Dichloropropene trans-1,4-Dichloro-2-Butene

Type 2 COPC = Never Detected and Mean Detection Limit > Risk-Based Concentration

Table 3-4
Relative Toxicity of Dioxin-Like PCB Congeners

Class	Congener	Toxicity Equivalence Factor (TEF) for Mammals
	3,3',4,4'-TCB (77)	0.0001
Co planar	3,4,4',5-TCB (81)	0.0001
Co-planar	3,3',4,4'-5-PeCB (126)	0.1
	3,3',4,4',5,5'-HxCB (169)	0.01
	2,3,3',4,4'-PeCB (105)	0.0001
	2,3,4,4',5-PeCB (114)	0.0005
	2,3',4,4',5-PeCB (118)	0.0001
Mono-ortho	2',3,4,4',5-PeCB (123)	0.0001
Midio-ortilo	2,3,3',4,4',5-HxCB (156)	0.0005
	2,3,3',4,4',5'-HxCB (157)	0.0005
	2,3',4,4',5,5'-HxCB (167)	0.00001
	2,3,3',4,4',5,5'-HpCB (189)	0.0001

TCB = Tetrachlorobiphenyl

PeCB = Pentachlorobiphenyl

HxCB = Hexachlorobiphenyl

HpCB = Heptachlorobiphenyl

Data source: Van den Berg et al. (1998)

Table 3-5
Exposure Parameters for On-Yard Workers
Ogden Railyard Human Health Risk Assessment

		CTF	E	RM	E
Exposure Input Parameter	Units	Adult	Source	Adult	Source
General					
Averaging Time, Cancer	yr	70	1	70	1
	days	25550		25550	
Averaging Time, Noncancer	yr	5	5	25	1
	days	1825		9125	
Body Weight	kg	70	1	70	1
Ingestion of Groundwater					
Ingestion rate	L/d	0.7	4,5(a)	1	1
Exposure frequency	day/yr	219	5	250	1
Exposure duration	yr	5	5	25	1
HIF(noncancer)	L/kg-d	6.00E-03	6	9.78E-03	6
HIF(cancer)	L/kg-d	4.29E-04	6	3.49E-03	6
Inhalation of Indoor Air					
Inhalation rate (indoors)	m ³ /day	10	4(b)	20	1
Exposure frequency	day/yr	219	1	250	1
Exposure duration	yr	5	5	25	1
HIF(noncancer)	m ³ /kg-d	8.57E-02	6	1.96E-01	6
HIF(cancer)	m ³ /kg-d	6.12E-03	6	6.99E-02	6
Ingestion of Soil					
Ingestion rate	mg/day	50	3,7	100	3,7
Conversion factor	kg/mg	1.00E-06		1.00E-06	
Exposure Frequency	day/yr	219	3,7	250	1
Exposure Duration	yr	5	5	25	1
HIF(noncancer)	kg/kg-d	4.29E-07	6	9.78E-07	6
HIF(cancer)	kg/kg-d	3.06E-08	6	3.49E-07	6

CTE = Central Tendency Exposure

RME = Reasonable Maximum Exposure

Sources:

- 1 -- USEPA 1991. Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors. OSWER Directive 9285.6-03. March.
- 2 -- USEPA. 1997. Exposure Factors Handbook, Volume I, Office of Research and Development, Washington, D.C. EPA/600/P-95/002Fa. August.
- 3 -- USEPA. 1989. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.
- 4 -- Based on professional judgement.
- 5 -- USEPA 1993. Superfund's Standard Default Exposure Factors for the Central Tendency and Reasonable Maximum Exposure.
- 6 -- Calculated value based on exposure parameters listed.
- 7 -- USEPA 1996b. Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil.

Notes:

- a-- Assumes CTE value for worker is 1/2 CTE value for resident
- b-- Assumes CTE is 1/2 RME

Table 3-6
Exposure Parameters for Off-Yard Residents

Ogden Railyard Human Health Risk Assessment

		Cl	E	RM	E
Exposure Input Parameter	Units	Adult	Source	Adult	Source
General					
Averaging Time, Cancer	yr	70	1	70	1
	days	25550		25550	
Averaging Time, Noncancer	yr	9	5	30	1
	days	10950		10950	
Body Weight	kg	70	1	70	1
Ingestion of Groundwater					
Ingestion rate	L/d	1.4	5	2	1
Exposure frequency	day/yr	234	5	350	1
Exposure duration	yr	9	5	30	1
HIF(noncancer)	L/kg-d	1.28E-02	6	2.74E-02	6
HIF(cancer)	L/kg-d	1.65E-03	6	1.17E-02	6
Inhalation of VOCs from Water i	n Indoor Air				
Inhalation rate (indoors)	m ³ /day	13	3	20	1,5
Exposure frequency	day/yr	234	5	350	1,5 5
Exposure duration	yr	9	5	30	5
HIF(noncancer)	m ³ /kg-d	1.19E-01	6	2.74E-01	6
HIF(cancer)	m ³ /kg-d	1.53E-02	6	1.17E-01	6
Inhalation of PM10s in Outdoor A	\ir				
Inhalation rate (outdoors)	m ³ /hr	1.3	2(a)	3.3	2(b)
Exposure time (outdoors)	hr/day	2	2	2	2
Exposure frequency	day/yr	234	5	350	1
Exposure duration	yr	9	5	30	1
HIF(noncancer)	m ³ /kg-d	7.12E-03	6	1.81E-02	6
HIF(cancer)	m ³ /kg-d	9.16E-04	6	7.75E-03	6

CTE = Central Tendency Exposure

RME = Reasonable Maximum Exposure

Sources:

- 1 -- USEPA 1991. Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors. OSWER Directive 9285.6-03. March.
- 2 -- USEPA. 1997. Exposure Factors Handbook, Volume I, Office of Research and Development, Washington, D.C. EPA/600/P-95/002Fa. August.
- 3 -- USEPA. 1989. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.
- 4 -- Based on professional judgement.
- 5 -- USEPA 1993. Superfund's Standard Default Exposure Factors for the Central Tendency and Reasonable Maximum Exposure.
- 6 -- Calculated value based on exposure parameters listed.
- 7 -- USEPA 1996b. Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil.

Notes:

- a Assumes moderate activity
- b Assumes heavy activity

Table 3-7

Exposure Parameters for Off-Yard Recreational Visitors

Ogden Railyard Human Health Risk Assessment

			C	ГЕ				RME	
Exposure Input Parameter	Units	Adult	Source	Child	Source	Adult	Source	Child	Source
General									
Averaging Time, Cancer	yr	70	1	70	1	70	1	70	1
	days	25550		25550		25550		25550	
Averaging Time, Noncancer	yr	15	4(a)	5	4(a)	30	4(a)	10	4(a)
	days	5475		1825		10950		3650	
Body Weight	kg	70	1	39	2,4(b)	70	1	39	2,4(b)
Ingestion of Soil									
Ingestion rate	mg/day	50	4(c)	100	4(c)	100	4(c)	200	4(c)
Conversion factor	kg/mg	1E-06		1E-06		1E-06		1E-06	
Exposure Frequency	days/yr	10	4(d)	24	4(d)	20	4(d)	48	4(d)
Exposure Duration	yr	15	4(a)	5	4(a)	30	4(a)	10	4(a)
HIF(noncancer)	kg/kg-d	1.96E-08		1.67E-07	6	7.83E-08		6.67E-07	6
HIF(cancer)	kg/kg-d	4.19E-09		1.19E-08	6	3.35E-08		9.53E-08	6
Ingestion of Fish									
Ingestion rate (total)	g/day	8	2,4(e)	4	2,4(e)	25	2,4(e)	12.5	2,4(e)
Fraction from Weber/Ogden		0.2	4(f)	0.2	4(f)	0.40	4(f)	0.40	4(f)
Conversion factor	kg/g	1E-03		1E-03		1E-03		1E-03	
Exposure Frequency	days/yr	350	2(e)	350	2(e)	350	2(e)	350	2(e)
Exposure Duration	yr	15	4(a)	5	4(a)	30	4(a)	10	4(a)
HIF(noncancer)	kg/kg-d	2.19E-05		1.95E-05	6	1.37E-04		1.22E-04	6
HIF(cancer)	kg/kg-d	4.70E-06		1.39E-06	6	5.87E-05		1.74E-05	6
Ingestion of Sediment									
Ingestion rate	mg/day	50	4(c)	100	4(c)	100	4(c)	200	4(c)
Conversion factor	kg/mg	1E-06		1E-06		1E-06		1E-06	
Exposure Frequency	days/yr	10	4(d)	24	4(d)	20	4(d)	48	4(d)
Exposure Duration	yr	15	4(a)	5	4(a)	30	4(a)	10	4(a)
HIF(noncancer)	kg/kg-d	1.96E-08		1.67E-07	6	7.83E-08		6.67E-07	6
HIF(cancer)	kg/kg-d	4.19E-09		1.19E-08	6	3.35E-08		9.53E-08	6
Ingestion of Surface Water									
Ingestion rate	mL/hour	25	3,4(g)	25	3,4(g)	50	3,4(g)	50	3,4(g)
Exposure Time	hr/day	1		2	4	1		2	4
Conversion factor	L/mL	1E-03		1E-03		1E-03		1E-03	
Exposure Frequency	days/yr	10	4(d)	24	4(d)	20	4(d)	48	4(d)
Exposure Duration	yr	15	4(a)	5	4(a)	30	4(a)	10	4(a)
HIF(noncancer)	L/kg-d	9.78E-06		8.34E-05	6	3.91E-05		3.34E-04	6
HIF(cancer)	L/kg-d	2.10E-06		5.96E-06	6	1.68E-05		4.76E-05	6

CTE = Central Tendency Exposure

RME = Reasonable Maximum Exposure

Sources:

- 1 -- USEPA 1991. Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors. OSWER Directive 9285.6-03. March.
- 2 -- USEPA. 1997. Exposure Factors Handbook, Volume I, Office of Research and Development, Washington, D.C. EPA/600/P-95/002Fa. August.
- 3 -- USEPA. 1989. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.
- 4 -- Based on professional judgement.
- 5 -- USEPA 1993. Superfund's Standard Default Exposure Factors for the Central Tendency and Reasonable Maximum Exposure.
- 6 -- Calculated value based on exposure parameters listed.
- 7 -- USEPA 1996b. Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil.

Notes:

- a -- Assumes same exposure duration for adult recreational visitor as for adult area resident (Table 3-6).

 Assumes "child" is 6-15 years old (max exp duration = 10 yrs, CTE is 1/2 max).
- b -- Body weight for child is mean of males and females age 6-15 (USEPA 1997; Table 7-3).
- c-- Assumes ingestion rate of soil and sediment during one visit is the same as occurs during one day at home.
- d -- Assumes child visits site 2 days/wk (CTE) to 4 days/wk (RME) for 3 months during summer. Assumes adult visits site about 40% as often as area child.
- e -- Fish intake rates provided are long-term averages; RME is equivalent to 58 meals/yr and CTE is equivalent to 19 meals/yr (assuming 150 g/meal). Value for child is assumed to be 1/2 that for adults.
- f-- Assumes fishing occurs at multiple locations around Ogden and the mountains, with about 20-40% of time spent at site.
- g -- Assumes water ingestion occurs durring swimming scenario. EPA default RME value is 50 mL/hr. CTE assumed to be 1/2 RME.

Table 4-1. Summary of Toxicity Values for COPCs

Ogden Railyard Human Health Risk Assessment

					Oral					Inhalatio	n	
Chemical Class	СОРС	CAS Number	oRfD (mg/kg/day)	Source	Cancer WOE	oSF (mg/kg/day) ⁻¹	Source	iRfD (mg/kg/day)	Source	Cancer WOE	iSF (mg/kg/day)	Source
	Aluminum	7429905	1.0E+00	E				1.0E-03	Е			
	Antimony	7440360	4.0E-04	I								
	Arsenic	7440382	3.0E-04	I	A	1.5E+00	I				1.5E+01	I
	Barium	7440393	7.0E-02	I	D			1.4E-04	A			
	Cadmium (water)	7440439_W	5.0E-04	I				5.7E-05	Е	B1	6.3E+00	I
Inorganics	Cadmium (food)	7440439_F	1.0E-03	I				5.7E-05	E	B1	6.3E+00	I
	Chromium (VI)	18540299_VI	3.0E-03	I	D			3.0E-05	I	A	4.1E+01	Н
	Copper	7440508	4.0E-02	Н	D							
	Manganese (non-food)	7439965_NF	2.0E-02	I	D			1.4E-05	I			
	Mercury	7439976	3.0E-04	I	D			8.6E-05	I (a)			
	Selenium	7782492	5.0E-03	I	D							
	Silver	7440224	5.0E-03	I	D							
	2-Methylnaphthalene	91576	2.0E-02	E								
	Acenaphthene	83329	6.0E-02	I								
	Benzo[a]anthracene	56553	2.0E-02	(b)	B2	7.3E-01	Е			B2	3.1E-01	Е
	Benzo[a]pyrene	50328	2.0E-02	(b)	B2	7.3E+00	I			B2	3.1E+00	Е
	Benzo[b]fluoranthene	205992	2.0E-02	(b)	B2	7.3E-01	E			B2	3.1E-01	E
	Benzo[k]fluoranthene	207089	2.0E-02	(b)	B2	7.3E-02	E			B2	3.1E-02	E
Polyaromatic	Chrysene	218019	2.0E-02	(b)	B2	7.3E-03	Е			B2	3.1E-03	Е
Hydrocarbons (PAHs)	Dibenz[a,h]anthracene	53703	2.0E-02	(b)	B2	7.3E+00	E			B2	3.1E+00	E
`	Dibenzofuran	132649	4.0E-03	E	D							
	Fluoranthene	206440	4.0E-02	I	D							
	Fluorene	86737	4.0E-02	I	D							
	Indeno[1,2,3-c,d]pyrene	193395	2.0E-02	(b)	B2	7.3E-01	E			B2	3.1E-01	E
	Naphthalene	91203	2.0E-02	I	C			9.0E-04	I			
	Phenanthrene	85018	2.0E-02	(b)	D							
	Pyrene	129000	3.0E-02	I	D							
Polychlorinated	PCB as Aroclor	11096825	2.0E-05	I	B2	2.0E+00	I (e)			B2	2.0E+00	I
Biphenyls (PCBs)	PCB Congeners (as TEQ)				B2	1.5E+05	H (c)					
Pesticides	4,4'-DDE	72559	5.0E-04	(d)	B2	3.4E-01	I					
	bis(2-Ethylhexyl)phthalate	117817	2.0E-02	I	B2	1.4E-02	I			B2	1.4E-02	Е
	1,4-Dichlorobenzene	106467	3.0E-02	Е	C	2.4E-02	Н	2.3E-01	I	C	2.2E-02	Е
	2,6-Dinitrotoluene	606202	1.0E-03	Н	B2	6.8E-01	I					
0 1111110	4,6-Dinitro-o-cresol	534521	1.0E-04	Е								
Semi-Volatile Organic Compounds	4-Methylphenol (p-Cresol)	106445	5.0E-03	Н	C							
compounds	bis(2-Chloroethyl)ether	111444			B2	1.1E+00	I			B2	1.1E+00	I
	n-Nitrosodipropylamine	621647			B2	7.0E+00	I					
	Pentachlorophenol (PCP)	87865	3.0E-02	I	B2	1.2E-01	I					
	Carbazole	86748			B2	2.0E-02	Н					
	1,1,1-Trichloroethane	71556	2.8E-01	Е	C			6.3E-01	Е			
	1,1-Dichloroethane	75343	1.0E-01	Н	С			1.4E-01	A			
	1,2-Dichloroethane	107062	3.0E-02	Е	B2	9.1E-02	I	1.4E-03	Е	B2	9.1E-02	I
	1,2-Dichloroethene (cis)	156592	1.0E-02	Н	C							L
	1,2-Dichloroethene (total)	540590	9.0E-03	Н	C							
	1,1,2-Trichloroethane	79005	4.0E-03	I	C	5.7E-02	I			C	5.6E-02	I
	1,2,3-Trichloropropane	96184	6.0E-03	I		2.0E+00	Е	1.4E-03	Е			
	Chlorodibromomethane	124481	2.0E-02	I	C	8.4E-02	I					
****	Chloromethane (Methyl chloride)	74873				1.3E-02	Н	2.6E-02	I	D	3.5E-03	Е
Volatile Organic Compounds	Tetrachloroethene	127184	1.0E-02	I		5.2E-02	Е	1.4E-01	Е		1.0E-02	Е
Compounds	Acetone	67641	1.0E-01	I	D							
	Benzene	71432	3.0E-03	E	A	5.5E-02	I	1.7E-03	Е	A	2.9E-02	I
	Chloroethane (Ethyl chloride)	75003	4.0E-01	E		2.9E-03	Е	2.9E+00	I			
	Dichloromethane	75092	6.0E-02	I	B2	7.5E-03	I	8.6E-01	Н	B2	1.7E-03	I
	Ethylbenzene	100414	1.0E-01	I	D			2.9E-01	I		3.9E-03	Е
	Toluene	108883	2.0E-01	I	D			1.1E-01	I			
	Trichloroethene	79016	3.0E-04	(f)		1.1E-02	Е	1E-02	(f)		6.0E-03	Е
	Vinyl Chloride (adult)	75014_A	3.0E-03	I	A	7.2E-01	I	2.8E-02	I	A	1.5E-02	I

Sources:
I = IRIS
H = HEAST
A = HEAST Alternate
W = Withdrawn from IRIS or HEAST
E = EPA-NCEA provisional value
N = NCEA download
O = other

- Notes:

 (a) Value shown is based on elemental mercury

 (b) No EPA-verified RfD is available; value shown is based on naphthalene
 (c) Value shown is for TCDD (source = HEAST)

 (d) No EPA-verified RfD is available; value shown is based on DDT

 (e) USEPA 1996c

 (f) USEPA 2001. Inhalation RfD is calculated from Inhalation RfC.

Table 5-1 Estimated Risks to On-Yard Workers from Incidental Ingestion of Surface Soil

PART A: Non-Cancer

	Total	Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 01	4E-02	9E-02	na
AOI 02	3E-02	6E-02	na
AOI 05	1E-02	3E-02	na
AOI 08	2E-02	5E-02	na
AOI 09	1E-02	2E-02	na
AOI 12	9E-03	2E-02	na
AOI 13	2E-03	5E-03	na
AOI 17	2E-02	4E-02	na
AOI 18	1E-02	3E-02	na
AOI 19	1E-02	3E-02	na
AOI 20	2E-02	4E-02	na
AOI 21	9E-01	2E+00	70% - Arsenic
AOI 22A	7E-02	2E-01	na
AOI 22B	5E-02	1E-01	na
AOI 23	4E-02	9E-02	na
AOI 26	9E-03	2E-02	na
AOI 27	6E-02	1E-01	na
AOI 30	4E-01	9E-01	na
AOI 32	2E-02	6E-02	na
AOI 33	3E-02	6E-02	na
AOI 34	4E-01	9E-01	na
AOI 35	6E-02	1E-01	na
AOI 36	5E-01	1E+00	na
AOI 37	8E-03	2E-02	na
AOI 38	2E-02	3E-02	na
AOI SPRR5	2E-02	4E-02	na
Other - Onyard	1E-01	2E-01	na

PART B: Cancer

	Tota	l Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 01	1E-06	1E-05	na
AOI 02	9E-07	1E-05	na
AOI 05	5E-07	5E-06	na
AOI 08	6E-07	7E-06	na
AOI 09	3E-07	3E-06	na
AOI 12	3E-07	3E-06	na
AOI 13			na
AOI 17	6E-07	7E-06	na
AOI 18	5E-07	6E-06	na
AOI 19	6E-06	7E-05	na
AOI 20	4E-07	5E-06	na
AOI 21	2E-05	2E-04	97% - Arsenic
AOI 22A	9E-07	1E-05	na
AOI 22B	1E-06	1E-05	na
AOI 23	5E-07	6E-06	na
AOI 26	3E-07	3E-06	na
AOI 27	6E-05	7E-04	76% - Benzo[a]pyrene
AOI 30	4E-06	5E-05	na
AOI 32	7E-07	8E-06	na
AOI 33	7E-07	8E-06	na
AOI 34	1E-06	1E-05	na
AOI 35	2E-06	2E-05	na
AOI 36	8E-06	9E-05	na
AOI 37	2E-07	2E-06	na
AOI 38	4E-07	5E-06	na
AOI SPRR5	7E-07	8E-06	na
Other - Onyard	3E-06	4E-05	na

na = not applicable; risks are below a level of concern

Surface soil samples not collected at AOI 10, AOI 28, AOI 29, or 33rd Street Slough.

^{-- =} COPCs not detected at this AOI

Table 5-2 Estimated Risks to On-Yard Workers from Incidental Ingestion of Lead in Surface Soil

	Conc. in Soil	Ingested Dose	GM PbB (adult)	P10 (fetus)
AOI	ppm	(ug/day)	(ug/dL)	(%)
AOI 1	203	6.09	2.3	0.6%
AOI 2	91	2.7	2.1	0.4%
AOI 5	102	3.1	2.1	0.4%
AOI 8	56	1.7	2.1	0.4%
AOI 9	89	2.7	2.1	0.4%
AOI 12	50	1.5	2.1	0.4%
AOI 13	36	1.1	2.1	0.4%
AOI 17	203	6.1	2.3	0.6%
AOI 18	216	6.5	2.3	0.6%
AOI 19	115	3.4	2.2	0.5%
AOI 20	100	3.0	2.1	0.4%
AOI 21	634	19.0	2.9	1.8%
AOI 22A	278	8.4	2.4	0.8%
AOI 22B	167	5.0	2.2	0.5%
AOI 23	702	21.1	3.0	2.1%
AOI 26	378	11.3	2.5	1.0%
AOI 27	609	18.3	2.9	1.7%
AOI 30	358	10.7	2.5	0.9%
AOI 32	67	2.0	2.1	0.4%
AOI 33	68	2.0	2.1	0.4%
AOI 34	298	9.0	2.4	0.8%
AOI 35	82	2.5	2.1	0.4%
AOI 36	710	21.3	3.0	2.1%
AOI 37	137	4.1	2.2	0.5%
AOI 38	221	6.6	2.3	0.6%
AOI SPRR5	140	4.2	2.2	0.5%
Other - Onyard	238	7.1	2.3	0.7%

GM = Geometric mean

PbB = Blood lead concentration (ug/dL)

P10 = Probability of exceeding a blood lead value of 10 ug/dL (%)

Surface soil samples not collected at AOI 10, AOI 28, AOI 29, or 33rd Street Slough.

Table 5-3 Estimated Risk to On-Yard Workers from Ingestion of Groundwater

PART A: Non-Cancer

	Tota	l Risk	Risk Drivers
Area of Interest	CTE	RME	% of total - COPC
AOI 1	2E-03	3E-03	na
AOI 12	3E-01	5E-01	na
AOI 13	3E+00	4E+00	48% - Arsenic
AOI 18	1E-01	2E-01	na
AOI 19	7E-02	1E-01	na
AOI 20	4E-01	7E-01	na
AOI 21	1E+00	2E+00	29% - Arsenic
AOI 22A	1E+01	2E+01	45% - Vinyl Chloride
AOI 22B	1E+00	2E+00	60% - Vinyl Chloride
AOI 26	4E-01	7E-01	na
AOI 27	5E-01	8E-01	na
AOI 30	2E+00	3E+00	32% - Vinyl Chloride
AOI 32	1E+00	2E+00	46% - Acetone
AOI 33	2E+00	4E+00	76% - Naphthalene
AOI 34	2E+00	4E+00	31% - Antimony
AOI 35	5E-01	7E-01	na
AOI 36	3E-01	5E-01	na
AOI 37	1E-01	2E-01	na
AOI 38	3E+00	4E+00	26% - Trichloroethene
AOI SPRR3	1E+00	2E+00	52% - Vinyl Chloride
AOI SPRR5	2E+00	3E+00	71% - Benzene

PART B: Cancer

	Total Risk		Risk Drivers
Area of Interest	CTE	RME	% of total - COPC
AOI 1	1E-08	1E-07	na
AOI 12	6E-06	5E-05	na
AOI 13	5E-05	4E-04	87% - Arsenic
AOI 18	2E-06	2E-05	na
AOI 19	2E-09	1E-08	na
AOI 20	1E-05	8E-05	na
AOI 21	3E-05	2E-04	57% - Vinyl Chloride
AOI 22A	7E-04	6E-03	97% - Vinyl Chloride
AOI 22B	1E-04	9E-04	95% - Vinyl Chloride
AOI 26	2E-05	1E-04	na
AOI 27	5E-06	4E-05	na
AOI 30	2E-04	2E-03	41% - Vinyl Chloride
AOI 32	2E-05	2E-04	52% - Arsenic
AOI 33	2E-05	2E-04	33% - Benzo[a]pyrene
AOI 34	7E-05	6E-04	80% - Vinyl Chloride
AOI 35	7E-06	6E-05	na
AOI 36	6E-06	5E-05	na
AOI 37	2E-07	1E-06	na
AOI 38	6E-05	5E-04	36% - Vinyl Chloride
AOI SPRR3	1E-04	8E-04	99% - Vinyl Chloride
AOI SPRR5	5E-05	4E-04	64% - Vinyl Chloride

na = not applicable; risks are below a level of concern

Table 5-4
Estimated Risk to On-Yard Workers from Inhalation of VOCs
Released to Indoor Air from Indoor Uses of Groundwater

PART A: Non-Cancer

	Total	Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	1E-02	2E-02	na
AOI 12	1E-02	2E-02	na
AOI 13	7E+00	2E+01	51% - Naphthalene
AOI 18	2E-02	4E-02	na
AOI 19	6E-03	1E-02	na
AOI 20	1E-01	2E-01	na
AOI 21	1E+00	3E+00	42% - 1,2-Dichloroethene
AOI 22A	4E+01	9E+01	45% - 1,2-Dichloroethene
AOI 22B	1E+00	3E+00	45% - 1,2-Dichloroethene
AOI 26	5E-01	1E+00	na
AOI 27	7E-02	2E-01	na
AOI 30	7E+00	2E+01	47% - Naphthalene
AOI 32	5E+00	1E+01	91% - Acetone
AOI 33	3E+02	6E+02	99% - Naphthalene
AOI 34	9E-01	2E+00	33% - Vinyl Chloride
AOI 35	1E-01	2E-01	na
AOI 36	3E-02	6E-02	na
AOI 37	9E-01	2E+00	42% - 2-Methylnaphthalene
AOI 38	1E+01	3E+01	31% - Naphthalene
AOI SPRR3	2E+01	5E+01	79% - Naphthalene
AOI SPRR5	2E+01	4E+01	98% - Benzene

PART B: Cancer

	Total	Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	2E-08	2E-07	na
AOI 12	2E-07	2E-06	na
AOI 13	3E-06	3E-05	na
AOI 18	5E-09	6E-08	na
AOI 19			na
AOI 20	1E-07	1E-06	na
AOI 21	3E-06	3E-05	na
AOI 22A	2E-04	2E-03	52% - Vinyl Chloride
AOI 22B	2E-05	2E-04	97% - Vinyl Chloride
AOI 26	4E-07	4E-06	na
AOI 27	4E-06	4E-05	na
AOI 30	7E-05	8E-04	79% - 1,2,3-Trichloropropane
AOI 32	9E-06	1E-04	na
AOI 33	3E-05	3E-04	76% - Ethylbenzene
AOI 34	1E-05	1E-04	na
AOI 35	2E-07	3E-06	na
AOI 36	2E-07	2E-06	na
AOI 37	8E-08	9E-07	na
AOI 38	7E-06	8E-05	na
AOI SPRR3	2E-05	3E-04	64% - Vinyl Chloride
AOI SPRR5	5E-05	6E-04	100% - Benzene

na = not applicable; risks are below a level of concern

^{-- =} No carcinogenic COPCs present above detection limits or toxicity values unavailable; risk not calculated

Table 5-5. Estimated Risks to Workers from Inhalation of VOCs from Soil Gas Intrusion

		VOC Detection	Non-Cancer HI		Total Cancer Risks	
Location	Station	Frequency (a)	CTE	RME	CTE	RME
	NF-03	1/3	1E-04	3E-04	4E-09	4E-08
North VC Plume	NF-05	1/3	2E-04	4E-04	nc	nc
Norm ve rume	NF-07	4/40	1E-01	3E-01	3E-06	4E-05
	NF-09	6/40	1E-01	3E-01	4E-07	5E-06
South VC Plume	SF-01	8/40	2E-01	5E-01	6E-07	7E-06
	SF-02	2/3	7E-02	2E-01	3E-07	3E-06
South VC Fluine	SF-07	12/40	6E-01	1E+00	6E-06	7E-05
	SF-08	1/3	9E-02	2E-01	3E-07	4E-06
DNAPL Plume	DF-03	2/40	3E-02	7E-02	1E-08	1E-07
DNAFL Fluille	DF-07	4/40	9E-02	2E-01	4E-07	4E-06
Background	BKGD-01	2/40	1E-02	3E-02	5E-08	6E-07
Dackground	BKGD-02	4/40	2E-02	5E-02	6E-08	6E-07

⁽a) Number of VOCs detected divided by number of VOCs analyzed for nc = not calculated; no cancer toxicity data for detected chemical.

Table 5-6
Estimated Risks to Off-Site Residents from
Inhalation of Dust Particles in Air

PART A: Non-Cancer

	Total Risk			
Region	CTE	RME		
Zone A	2E-03	5E-03		
Zone B	3E-04	7E-04		
Zone C	1E-05	4E-05		
Zone D	1E-05	3E-05		

PART B: Cancer

	Total Risk			
Region	CTE	RME		
Zone A	8E-09	7E-08		
Zone B	4E-08	4E-07		
Zone C	3E-09	3E-08		
Zone D	2E-09	2E-08		

Table 5-7
Estimated Risks to Residents from Ingestion of Groundwater

PART A: Non-Cancer

	Total Risk		Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	4E-03	8E-03	na
AOI 12	7E-01	1E+00	na
AOI 13	6E+00	1E+01	48% - Arsenic
AOI 18	3E-01	6E-01	na
AOI 19	2E-01	3E-01	na
AOI 20	9E-01	2E+00	66% - Arsenic
AOI 21	3E+00	6E+00	29% - Arsenic
AOI 22A	2E+01	5E+01	45% - Vinyl Chloride
AOI 22B	2E+00	5E+00	60% - Vinyl Chloride
AOI 26	9E-01	2E+00	55% - Arsenic
AOI 27	1E+00	2E+00	38% - Chromium
AOI 30	4E+00	8E+00	32% - Vinyl Chloride
AOI 32	3E+00	6E+00	46% - Acetone
AOI 33	5E+00	1E+01	76% - Naphthalene
AOI 34	5E+00	1E+01	31% - Antimony
AOI 35	1E+00	2E+00	42% - Arsenic
AOI 36	7E-01	1E+00	na
AOI 37	3E-01	6E-01	na
AOI 38	6E+00	1E+01	26% - Trichloroethene
AOI SPRR3	3E+00	6E+00	52% - Vinyl Chloride
AOI SPRR5	4E+00	8E+00	71% - Benzene

PART B: Cancer

	Total	Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	5E-08	3E-07	na
AOI 12	2E-05	2E-04	92% - Arsenic
AOI 13	2E-04	1E-03	87% - Arsenic
AOI 18	1E-05	7E-05	na
AOI 19	7E-09	5E-08	na
AOI 20	4E-05	3E-04	95% - Arsenic
AOI 21	1E-04	8E-04	57% - Vinyl Chloride
AOI 22A	3E-03	2E-02	97% - Vinyl Chloride
AOI 22B	4E-04	3E-03	95% - Vinyl Chloride
AOI 26	6E-05	4E-04	48% - Arsenic
AOI 27	2E-05	1E-04	na
AOI 30	8E-04	6E-03	41% - Vinyl Chloride
AOI 32	8E-05	6E-04	52% - Arsenic
AOI 33	8E-05	6E-04	33% - Benzo[a]pyrene
AOI 34	3E-04	2E-03	80% - Vinyl Chloride
AOI 35	3E-05	2E-04	82% - Arsenic
AOI 36	2E-05	2E-04	80% - Arsenic
AOI 37	6E-07	4E-06	na
AOI 38	2E-04	2E-03	36% - Vinyl Chloride
AOI SPRR3	4E-04	3E-03	99% - Vinyl Chloride
AOI SPRR5	2E-04	1E-03	64% - Vinyl Chloride

na = not applicable; risks are below EPA's default level of concern

Table 5-8
Estimated Risk to Residents from Inhalation of VOCs
Released to Indoor Air from Indoor Uses of Groundwater

PART A: Non-Cancer

	Tota	ıl Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	1E-02	3E-02	na
AOI 12	2E-02	3E-02	na
AOI 13	1E+01	2E+01	51% - Naphthalene
AOI 18	3E-02	6E-02	na
AOI 19	8E-03	2E-02	na
AOI 20	1E-01	3E-01	na
AOI 21	2E+00	4E+00	42% - 1,2-Dichloroethene
AOI 22A	5E+01	1E+02	45% - 1,2-Dichloroethene
AOI 22B	2E+00	4E+00	45% - 1,2-Dichloroethene
AOI 26	7E-01	2E+00	69% - Naphthalene
AOI 27	1E-01	2E-01	na
AOI 30	9E+00	2E+01	47% - Naphthalene
AOI 32	7E+00	2E+01	91% - Acetone
AOI 33	4E+02	8E+02	99% - Naphthalene
AOI 34	1E+00	3E+00	33% - Vinyl Chloride
AOI 35	1E-01	3E-01	na
AOI 36	4E-02	9E-02	na
AOI 37	1E+00	3E+00	42% - 2-Methylnaphthalene
AOI 38	2E+01	4E+01	31% - Naphthalene
AOI SPRR3	3E+01	7E+01	79% - Naphthalene
AOI SPRR5	2E+01	5E+01	98% - Benzene

PART B: Cancer

	Tota	al Risk	Risk Drivers
Area of Interest	CTE	RME	% of total risk - COPC
AOI 1	5E-08	4E-07	na
AOI 12	4E-07	3E-06	na
AOI 13	7E-06	5E-05	na
AOI 18	1E-08	1E-07	na
AOI 19			na
AOI 20	3E-07	2E-06	na
AOI 21	7E-06	5E-05	na
AOI 22A	5E-04	4E-03	52% - Vinyl Chloride
AOI 22B	4E-05	3E-04	97% - Vinyl Chloride
AOI 26	1E-06	7E-06	na
AOI 27	9E-06	7E-05	na
AOI 30	2E-04	1E-03	79% - 1,2,3-Trichloropropane
AOI 32	2E-05	2E-04	95% - Dichloromethane
AOI 33	7E-05	5E-04	76% - Ethylbenzene
AOI 34	2E-05	2E-04	90% - Vinyl Chloride
AOI 35	6E-07	4E-06	na
AOI 36	5E-07	3E-06	na
AOI 37	2E-07	2E-06	na
AOI 38	2E-05	1E-04	na
AOI SPRR3	6E-05	5E-04	64% - Vinyl Chloride
AOI SPRR5	1E-04	1E-03	100% - Benzene

na = not applicable; risks are below a level of concern

^{-- =} No carcinogenic COPCs present above detection limits or toxicity values unavailable; risk not calculated

Table 5-9 Estimated Risks for Recreational Visitors from Incidental Ingestion of Surface Water and Sediment

PART A: Non-Cancer

		Surface Wa	ter Risks (a)	Sedime	nt Risks	Tota	l Risks
Receptor	Area of Interest	CTE	RME	CTE	RME	CTE	RME
	21st Street Pond	2E-07	6E-07	2E-04	9E-04	2E-04	9E-04
	Buena Ventura Park Pond			2E-07	7E-07	2E-07	7E-07
	Ogden River - Reach A	nc	nc	5E-07	2E-06	5E-07	2E-06
	Ogden River - Reach B	2E-07	9E-07	4E-03	2E-02	4E-03	2E-02
Adult	Ogden River - Reach C	nc	nc	2E-04	9E-04	2E-04	9E-04
	Weber River - Reach A			-			
	Weber River - Reach B	9E-04	4E-03	-		9E-04	4E-03
	Weber River - Reach C	3E-07	1E-06	3E-07	1E-06	6E-07	2E-06
	Weber River - Reach D	3E-04	1E-03	2E-07	8E-07	3E-04	1E-03
	21st Street Pond	1E-06	5E-06	2E-03	7E-03	2E-03	7E-03
	Buena Ventura Park Pond			2E-06	6E-06	2E-06	6E-06
	Ogden River - Reach A	nc	nc	5E-06	2E-05	5E-06	2E-05
	Ogden River - Reach B	2E-06	8E-06	4E-02	1E-01	4E-02	1E-01
Child	Ogden River - Reach C	nc	nc	2E-03	8E-03	2E-03	8E-03
	Weber River - Reach A			-			
	Weber River - Reach B	8E-03	3E-02	1		8E-03	3E-02
	Weber River - Reach C	2E-06	9E-06	3E-06	1E-05	5E-06	2E-05
	Weber River - Reach D	3E-03	1E-02	2E-06	7E-06	3E-03	1E-02

PART B: Cancer

		Surface Wa	ter Risks (a)	Sedime	nt Risks	Tota	l Risks
Receptor	Area of Interest	CTE	RME	CTE	RME	CTE	RME
	21st Street Pond	2E-11	1E-10	1E-06	9E-06	1E-06	9E-06
	Buena Ventura Park Pond			2E-09	1E-08	2E-09	1E-08
	Ogden River - Reach A	nc	nc	6E-09	5E-08	6E-09	5E-08
	Ogden River - Reach B	2E-11	2E-10	5E-08	4E-07	5E-08	4E-07
Adult	Ogden River - Reach C	nc	nc	7E-09	6E-08	7E-09	6E-08
	Weber River - Reach A			-			
	Weber River - Reach B	9E-08	7E-07	-		9E-08	7E-07
	Weber River - Reach C	3E-11	2E-10	3E-09	2E-08	3E-09	2E-08
	Weber River - Reach D	3E-08	3E-07	2E-09	2E-08	3E-08	3E-07
	21st Street Pond	4E-11	4E-10	3E-06	2E-05	3E-06	2E-05
	Buena Ventura Park Pond			4E-09	4E-08	4E-09	4E-08
	Ogden River - Reach A	nc	nc	2E-08	1E-07	2E-08	1E-07
	Ogden River - Reach B	6E-11	5E-10	1E-07	1E-06	1E-07	1E-06
Child	Ogden River - Reach C	nc	nc	2E-08	2E-07	2E-08	2E-07
	Weber River - Reach A						·
	Weber River - Reach B	3E-07	2E-06			3E-07	2E-06
	Weber River - Reach C	7E-11	6E-10	8E-09	7E-08	8E-09	7E-08
	Weber River - Reach D	9E-08	7E-07	6E-09	5E-08	1E-07	8E-07

⁽a) Dichloromethane is the only COPC in surface water. This may be due to lab contamination.

nc = not calculated; no surface water data for COPCs in these reaches

^{-- =} COPCs not detected in these reaches

Table 5-10 Estimated Risks for Recreational Visitors From Incidental Ingestion of Surface Soil

PART A: Non-Cancer

		Total	Risk
Receptor	Area of Interest	CTE	RME
	21st Street Pond	6E-04	2E-03
	Weber River - Reach A	1E-03	6E-03
Adult	Weber River - Reach B	2E-04	1E-03
	Weber River - Reach C	5E-04	2E-03
	Weber River - Reach D	3E-04	1E-03
	21st Street Pond	5E-03	2E-02
	Weber River - Reach A	1E-02	5E-02
Child	Weber River - Reach B	2E-03	8E-03
	Weber River - Reach C	4E-03	2E-02
	Weber River - Reach D	2E-03	9E-03

PART B: Cancer

		Total	Risk
Receptor	Area of Interest	CTE	RME
	21st Street Pond	9E-08	7E-07
	Weber River - Reach A	1E-07	1E-06
Adult	Weber River - Reach B	4E-08	3E-07
	Weber River - Reach C	5E-08	4E-07
	Weber River - Reach D	3E-08	2E-07
	21st Street Pond	2E-07	2E-06
	Weber River - Reach A	4E-07	3E-06
Child	Weber River - Reach B	1E-07	8E-07
	Weber River - Reach C	1E-07	1E-06
	Weber River - Reach D	9E-08	7E-07

Table 5-11
Estimated Cancer Risk to Recreational Visitors from Ingestion of PCBs (as Congeners) in Fish

Receptor	Location	CTE	RME
	21st Street Pond	2E-06	3E-05
	Buena Ventura Park Pond	6E-07	7E-06
Adult	Ogden River - Reach A	8E-07	1E-05
Adult	Ogden River - Reach B	1E-05	2E-04
	Ogden River - Reach C	5E-06	7E-05
	Weber River - Reach D	3E-06	3E-05
	21st Street Pond	7E-07	8E-06
	Buena Ventura Park Pond	2E-07	2E-06
Child	Ogden River - Reach A	2E-07	3E-06
Cilliu	Ogden River - Reach B	4E-06	5E-05
	Ogden River - Reach C	2E-06	2E-05
	Weber River - Reach D	8E-07	1E-05

Table 6-1. Sources and Estimated Direction and Magnitude of Uncertainties in Risk Estimates

Risk Assessment Step	Source of Uncertainty	Probable Direction (a)	Estimated Magnitude (a)
Exposure Assessment	Exposure pathways not evaluated	Underestimate	Small
	Chemicals not evaluated	Underestimate	Probably Small
	Calculation of exposure point concentrations from measurements	Overestimate	Moderate
	Mathematical modeling of exposure when data are not available	Overestimate	Moderate
	Human exposure parameters	Overestimate	Moderate
Toxicity Assessment	Adjustments to account for limited toxicity data	Overestimate	Moderate-Large
	Extrapolation from animals to humans	Overestimate	Moderate-Large
	Extrapolation from high dose to low dose	Overestimate	Moderate-Large
	Extrapolation across exposure frequency and duration	Overestimate	Small
	Accounting for sensitive human subpopulations	Overestimate	Moderate
Risk Characterization	Effects of combined exposures to multiple chemicals	Unknown	Probably small

(a) See text for discussion

BASELINE HUMAN HEALTH RISK ASSESSMENT FOR THE OGDEN RAILYARD SITE OGDEN, UTAH

Appendices



APPENDIX A DATA USED IN RISK ASSESSMENT (ELECTRONIC DATABASE)



APPENDIX B RELATIVE RISK OF INHALATION OF SOIL



APPENDIX B

SCREENING EVALUATION OF RELATIVE EXPOSURE FROM INHALATION OF SOIL PARTICLES IN AIR

Calculation of Soil Concentration in Air

Evaluation of inhalation exposure to chemicals on soil particles in air requires an estimate of the concentration of respirable soil particles in air. This value is given by the Particulate Emission Factor (PEF) (kg/m³). The value of PEF is calculated using the following equation (USEPA 1996):

$$PEF(kg / m^{3}) = \frac{0.036 \cdot (1 - V) \cdot (U_{m} / U_{t})^{3} \cdot F(x)}{Q / C \cdot 3600 \, s / hr}$$

where:

Q/C = Inverse of mean airborne concentration (kg/m³) per unit emission rate (g/m²-sec) at the center of the source area (g/m²-sec per kg/m³)

V = Fraction of vegetative cover (unitless)

 $U_m = Mean annual windspeed (m/sec)$

 $U_t = Equivalent threshold value of windspeed (m/sec) at 7 m above the ground$

 $F(x) = Function dependent on U_m/U_t derived using Cowherd et al. (1985) (unitless)$

Default and site-specific inputs used for this site are summarized below:

Parameter	Value	Note
Q/C (g/m ² -sec per kg/m ³)	40.20	Value for 30 acre source in the Salt Lake City area (USEPA 1996 Table 3)
V (unitless)	0	Site-specific; based on absence of vegetation in on-yard locations
U _m (m/sec)	4.69	Default (USEPA 1996)
U_{t} (m/sec)	11.32	Default (USEPA 1996)
F(x) (unitless)	0.194	Default (USEPA 1996)

Based on these input values, the value of PEF is 3.43E-09 kg/m³.

Calculation of Relative Exposure from Inhalation and Oral Pathways

The basic equations recommended by USEPA (1989, 1996) for evaluation of exposure from inhalation exposure of soil particles in air and for incidental ingestion of soil are as follows:

```
<u>Inhalation Exposure</u>
```

$$DI_{air} = C_{air} \cdot BR_a \cdot EF \cdot ED/(BW \cdot AT)$$

 $C_{air} = C_{soil} \cdot PEF$

Ingestion Exposure

$$DI_{soil} = C_{soil} \cdot IR_{soil} \cdot EF \cdot ED/(BW \cdot AT)$$

where:

C = Concentration of contaminant in air $(C_{air}, mg/m^3)$ or soil $(C_{soil}, mg/kg)$

BR = Breathing rate (m^3/day)

IR_{soil} = Ingestion rate for soil (kg/day) EF = Exposure frequency (days/yr) ED = Exposure duration (years)

BW = Body weight (kg) AT = Averaging time (days)

PEF = Particulate (PM10) emission factor (kg/m³of soil particles in air)

Assuming that the values of BW, EF, ED, and AT are all the same for inhalation and oral exposure, the ratio of the risk from inhalation of particulates in air to that from ingestion of soil is then:

Relative exposure (inhalation/oral) = $PEF \cdot BR / IR$

- PEF = $3.43E-09 \text{ kg/m}^3 (3.43 \text{ ug/m}^3) (\text{see above})$
- BR = $20 \text{ m}^3/\text{day}$ (USEPA 1989)
- IR = 1E-04 kg/day (USEPA 1989)

Based on these values, the ratio of the exposure from inhalation exposure to airborne soil particles compared to that from ingestion exposure is:

Relative exposure =
$$(3.43E-09)(20)/(1E-04) = 0.00069 (0.069\%)$$

As seen, the dose from inhaled particulate matter in air is expected to be very small (< 0.07%) compared to that from ingested soil. Indeed, even if release of soil particles to air were 100-times higher than the default PEF (e.g., due to very heavy vehicular or mechanical disturbance of soil), inhalation exposure would still be less than 7% of the oral exposure. Based on this, inhalation of particulate matter released from soil to air is considered to be sufficiently minor that quantitative evaluation is not required if the oral exposure pathway is evaluated.

REFERENCES

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APPENDIX C RBC DERIVATION AND COPC SCREENING RESULTS

- C1 USEPA REGION III TOXICITY VALUES
- **C2 SUMMARY OF RISK-BASED CONCENTRATIONS (RBCs)**
- C3 DERIVATION OF LEAD RBCs
- C4 DERIVATION OF PCB (AS TEQ) RBCS
- C5 SUMMARY OF COPC SCREENING



APPENDIX C1 USEPA REGION III TOXICITY VALUES



Sources: I = IRIS; H = HEAST; A = HEAST Alternate; W = Withdrawn from IRIS or HEAST; E = EPA-NCEA provisional										
value; $O = other$; $NA = not$ available				Toxicit	tv Values f	or Human	Health			
** = changed since previous version			O	ral				lation		
		Rf	Do	CS	Fo	Rf	Di	CS	Fi	
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d	Source	mg/kg/d	Source	1/mg/kg/d	Source	VOC
**1,1-DICHLOROETHENE	75354	5.00E-02	I	NA	NA	6.00E-02	I	NA	NA	у
**1,2,4-TRICHLOROBENZENE	120821	1.00E-02	I	NA	NA	1.00E-03	Е	NA	NA	у
**3-NITROANILINE	99092	3.00E-04	E	2.00E-02	Е	3.00E-04	Е	NA	NA	NA
**4,6-DINITRO-2-METHYLPHENOL	534521	1.00E-04	E	NA	NA	NA	NA	NA	NA	NA
**4-NITROANILINE	100016	3.00E-03	Е	2.00E-02	Е	1.00E-03	Е	NA	NA	NA
**KEPONE	143500	3.00E-04	Е	8.00E+00	Е	NA	NA	NA	NA	NA
**PHENOL	108952	3.00E-01	I	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-TETRACHLOROETHANE	630206	3.00E-02	I	2.60E-02	I	NA	NA	2.60E-02	I	у
1,1,1,2-TETRAFLUOROETHANE	811972	NA	NA	NA	NA	2.29E+01	I	NA	NA	у
1,1,1-TRICHLOROETHANE	71556	2.80E-01	E	NA	NA	6.30E-01	E	NA	NA	у
1,1,2,2-TETRACHLOROETHANE	79345	6.00E-02	E	2.00E-01	I	NA	NA	2.00E-01	I	у
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76131	3.00E+01	I	NA	NA	8.60E+00	Н	NA	NA	у
1,1,2-TRICHLOROETHANE	79005	4.00E-03	I	5.70E-02	I	NA	NA	5.60E-02	I	у
1,1,2-TRICHLOROPROPANE	598776	5.00E-03	I	NA	NA	NA	NA	NA	NA	у
1,1-DICHLOROETHANE	75343	1.00E-01	Н	NA	NA	1.40E-01	A	NA	NA	у
1,1-DIFLUOROETHANE	75376	NA	NA	NA	NA	1.10E+01	I	NA	NA	у
1,1-DIMETHYLHYDRAZINE	57147	NA	NA	2.60E+00	W	NA	NA	3.50E+00	W	NA
1,2,3-TRICHLOROPROPANE	96184	6.00E-03	I	2.00E+00	E	1.4E-03	E	NA	NA	у
1,2,3-TRICHLOROPROPENE	96195	5.00E-03	Н	NA	NA	NA	NA	NA	NA	у
1,2,4,5-TETRACHLOROBENZENE	95943	3.00E-04	I	NA	NA	NA	NA	NA	NA	NA
1,2,4-TRIBROMOBENZENE	615543	5.00E-03	I	NA	NA	NA	NA	NA	NA	NA
1,2,4-TRIMETHYLBENZENE	95636	5.00E-02	E	NA	NA	1.70E-03	E	NA	NA	у
1,2-DIBROMO-3-CHLOROPROPANE	96128	NA	NA	1.40E+00	Н	5.70E-05	I	2.40E-03	Н	У
1,2-DIBROMOETHANE	106934	NA	NA	8.50E+01	I	5.70E-05	Н	7.60E-01	I	у
1,2-DICHLOROBENZENE	95501	9.00E-02	I	NA	NA	4.00E-02	Н	NA	NA	у
1,2-DICHLOROETHANE	107062	3.00E-02	E	9.10E-02	I	1.40E-03	Е	9.10E-02	I	у
1,2-DICHLOROPROPANE	78875	NA	NA	6.80E-02	Н	1.14E-03	I	NA	NA	У
1,2-DIMETHYLHYDRAZINE	540738	NA	NA	3.70E+01	W	NA	NA	3.70E+01	W	NA
1,2-DINITROBENZENE	528290	4.00E-04	Н	NA	NA	NA	NA	NA	NA	NA
1,2-DIPHENYLHYDRAZINE	122667	NA	NA	8.00E-01	I	NA	NA	8.00E-01	I	NA
1,3,5-TRIMETHYLBENZENE	108678	5.00E-02	Е	NA	NA	1.70E-03	Е	NA	NA	у
1,3,5-TRINITROBENZENE	99354	3.00E-02	I	NA	NA	NA	NA	NA	NA	NA
1,3-BUTADIENE	106990	NA	NA	NA	NA	NA	NA	1.80E+00	Н	У
1,3-DICHLOROBENZENE	541731	3.00E-02	Е	NA	NA	NA	NA	NA	NA	У
1,3-DICHLOROPROPENE	542756	3.00E-02	I	1.00E-01	I	5.71E-03	I	1.00E-02	I	у
1,3-DINITROBENZENE	99650	1.00E-04	I	NA	NA	NA	NA	NA	NA	NA
1,4-DIBROMOBENZENE	106376	1.00E-02	I	NA	NA	NA	NA	NA 0.20E+00	NA	NA
1,4-DICHLORO-2-BUTENE	764410	NA	NA	NA 2.40F.02	NA	NA	NA	9.30E+00	Н	У
1,4-DICHLOROBENZENE	106467	3.00E-02	Е	2.40E-02	H	2.29E-01	I	2.2E-02	E	y
1,4-DINITROBENZENE	100254	4.00E-04	H	NA	NA I	NA	NA	NA NA	NA NA	NA NA
1,4-DIOXANE 1,4-DITHIANE	123911 505293	NA	NA I	1.10E-02		NA	NA	NA	NA NA	NA NA
1,4-DITHIANE 1,6-HEXAMETHYLENE DIISOCYANATE	822060	1.00E-02 NA	NA	NA NA	NA NA	NA 2.90E-06	NA I	NA NA	NA NA	NA NA
1-BUTANOL	71363	1.00E-01	I	NA NA	NA NA	2.90E-00 NA	NA	NA NA	NA NA	NA NA
1-BUTANOL 1-CHLORO-1,1-DIFLUOROETHANE	75683	NA	NA	NA NA	NA NA	1.40E+01	I I	NA NA	NA NA	
1-CHLOROBUTANE	109693	4.00E-01	Н	NA NA	NA NA	NA	NA	NA NA	NA NA	у
2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID	93721	8.00E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	y NA
2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC ACID (MCPP)	93652	1.00E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA
2,3,4,6-TETRACHLOROPHENOL	58902	3.00E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,3,7,8-TETRACHLOROFHENOL 2,3,7,8-TETRACHLORODIBENZODIOXIN	1746016	NA	NA	1.50E+05	H	NA NA	NA NA	1.50E+05	H	NA NA
2,3-DICHLOROPROPANOL	616239	3.00E-03	I	NA	NA	NA NA	NA NA	NA	NA	NA
2,4,5-T	93765	1.00E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,4,5-TRICHLOROPHENOL	95954	1.00E-01	I	NA NA	NA	NA	NA	NA NA	NA	NA
2,4,6-TRICHLOROANILINE	634935	NA	NA	3.40E-02	Н	NA	NA	NA	NA	NA
2,4,6-TRICHLOROPHENOL	88062	NA	NA	1.10E-02	I	NA	NA	1.00E-02	I	NA
2,4,6-TRINITROTOLUENE	118967	5.00E-04	I	3.00E-02	I	NA	NA	NA	NA	NA
2,4-D	94757	1.00E-02	I	NA	NA	NA	NA	NA NA	NA NA	NA
2,4-DICHLOROPHENOL	120832	3.00E-03	I	NA NA	NA	NA	NA	NA NA	NA NA	NA
2,4-DIMETHYLANILINE	95681	NA	NA	7.50E-01	Н	NA	NA	NA	NA	NA
2,4-DIMETHYLANILINE HYDROCHLORIDE	21436964	NA	NA	5.80E-01	Н	NA	NA	NA	NA	NA
2,4-DIMETHYLPHENOL	105679	2.00E-02	I	NA	NA	NA	NA	NA	NA	NA
2,4-DINITROPHENOL	51285	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA

Sources: I = IRIS; H = HEAST; A = HEAST Alternate; W = Withdrawn from IRIS or HEAST; E = EPA-NCEA provisional		[
value; $O = other$; $NA = not$ available				Toxicit	ty Values f	or Human	Health			
** = changed since previous version			C	ral			Inha	lation		
		Rf	Do	CS	Fo	-	Di	CS		
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d	Source	mg/kg/d	Source	1/mg/kg/d	Source	VOC
2,4-DINITROTOLUENE	121142	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA
2,6-DIMETHYLPHENOL	576261	6.00E-04	I	NA	NA	NA	NA	NA	NA	NA
2,6-DINITROTOLUENE	606202	1.00E-03	Н	NA	NA	NA	NA	NA	NA	NA
2-CHLORO-1,3-BUTADIENE	126998	2.00E-02	A	NA	NA	2.00E-03	Н	NA	NA	у
2-CHLOROPHENOL	95578	5.00E-03	I	NA	NA	NA	NA	NA	NA	У
2-CHLOROPROPANE 2-ETHOXYETHANOL	75296	NA	NA	NA	NA	2.90E-02	Н	NA	NA	у
2-ETHOXYETHANOL 2-HEXANONE	110805 591786	4.00E-01 4.00E-02	H E	NA NA	NA NA	5.70E-02 1.4E-03	I E	NA NA	NA NA	NA
2-METHYL-4-CHLOROPHENOXYACETIC ACID (MCPA)	94746	5.00E-04	I	NA NA	NA NA	NA	NA	NA NA	NA NA	NA NA
2-METHYL-5-NITROANILINE	99558	NA	NA	3.30E-02	Н	NA NA	NA NA	NA NA	NA NA	NA NA
2-METHYLANILINE	95534	NA NA	NA NA	2.40E-01	Н	NA NA	NA NA	NA NA	NA NA	NA NA
2-METHYLNAPHTHALENE	91576	2.00E-02	E	NA	NA	NA	NA	NA	NA	y
2-METHYLPHENOL	95487	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
2-NITROANILINE	88744	5.70E-05	(a)	NA	NA	5.70E-05	Н	NA	NA	NA
2-NITROPROPANE	79469	NA	NA	NA	NA	5.70E-03	I	9.40E+00	Н	у
2-PHENYLPHENOL	90437	NA	NA	1.90E-03	Н	NA	NA	NA	NA	NA
3,3'-DICHLOROBENZIDINE	91941	NA	NA	4.50E-01	I	NA	NA	NA	NA	NA
3,3'-DIMETHOXYBENZIDINE	119904	NA	NA	1.40E-02	Н	NA	NA	NA	NA	NA
3,3'-DIMETHYLBENZIDINE	119937	NA	NA	9.20E+00	Н	NA	NA	NA	NA	NA
3,4-DIMETHYLPHENOL	95658	1.00E-03	I	NA	NA	NA	NA	NA	NA	NA
3-METHYLPHENOL	108394	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID	94826	8E-03	I	NA	NA	NA	NA	NA	NA	NA
4-(2-METHYL-4-CHLOROPHENOXY) BUTYRIC ACID	94815	1.00E-02	I	NA	NA	NA	NA	NA	NA	NA
4,4'-METHYLENE BIS(2-CHLOROANILINE)	101144	7.00E-04	Н	1.30E-01	Н	NA	NA	1.30E-01	Н	NA
4,4'-METHYLENE BIS(N,N'-DIMETHYL)ANILINE	101611	NA	NA	4.60E-02	I	NA	NA	NA	NA	NA
4,4'-METHYLENEDIPHENYL ISOCYANATE	101688	NA	NA	NA	NA	1.7E-04	I	NA	NA	NA
4,6-DINITRO-O-CYCLOHEXYL PHENOL	131895	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA
4-AMINOPYRIDINE	504245	2.00E-05	Н	NA	NA	NA	NA	NA	NA	NA
4-CHLORO-2-METHYLANILINE	95692	NA	NA	5.80E-01	H	NA	NA	NA	NA	NA
4-CHLOROANILINE	106478 106445	4.00E-03 5.00E-03	I H	NA NA	NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-METHYLPHENOL 4-NITROPHENOL	100443	8.00E-03	E E	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
ACENAPHTHENE	83329	6.00E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	
Acenaphthylene	208968	2.00E-02	(b)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	y NA
ACETALDEHYDE	75070	NA	NA	NA	NA	2.57E-03	I	7.7E-03	I	у
ACETOCHLOR	34256821	2E-02	I	NA	NA	NA	NA	NA	NA	NA
ACETONE	67641	1.00E-01	I	NA	NA	NA	NA	NA	NA	у
ACETONITRILE	75058	1.7E-02	(a)	NA	NA	1.7E-02	I	NA	NA	у
ACETOPHENONE	98862	1.00E-01	I	NA	NA	5.70E-06	W	NA	NA	у
ACROLEIN	107028	2.00E-02	Н	NA	NA	5.70E-06	I	NA	NA	у
ACRYLAMIDE	79061	2.00E-04	I	4.50E+00	I	NA	NA	4.50E+00	I	NA
ACRYLONITRILE	107131	1.00E-03	Н	5.40E-01	I	5.70E-04	I	2.40E-01	I	у
ALACHLOR	15972608	1.00E-02	I	8.00E-02	Н	NA	NA	NA	NA	NA
ALAR	1596845	1.50E-01	I	NA	NA	NA	NA	NA	NA	NA
ALDICARB	116063	1.00E-03	I	NA	NA	NA	NA	NA	NA	NA
ALDICARB SULFONE	1646884	1.00E-03	I	NA	NA	NA	NA	NA	NA	NA
ALDRIN	309002	3.00E-05	I	1.70E+01	I	NA	NA	1.70E+01	I	NA
alpha-Chlordane	5103719	5.00E-04	(c)	3.5E-01	(c)	2.00E-04	(c)	3.5E-01	(c)	NA
ALPHA-HCH	319846	NA	NA	6.30E+00	I	NA	NA	6.30E+00	I	NA
ALPHA-METHYLSTYRENE	98839	7.00E-02	A	NA	NA	NA	NA	NA	NA	у
ALUMINUM	7429905	1.00E+00	E	NA NA	NA	1.00E-03	E	NA NA	NA NA	NA NA
AMMONIA	35572782	6.00E-05	E	NA NA	NA NA	NA 2 86E 02	NA	NA NA	NA NA	NA
AMMONIA ANILINE	7664417 62533	NA 7.00E.03	NA E	NA 5 70E 03	NA I	2.86E-02 2.90E-04	I I	NA NA	NA NA	y NA
ANTHRACENE	120127	7.00E-03 3.00E-01	I I	5.70E-03 NA	NA	2.90E-04 NA	NA	NA NA	NA NA	NA v
ANTIMONY	7440360	4.00E-04	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	y NA
ANTIMONY PENTOXIDE	1314609	5.00E-04	H	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
ANTIMONY TERIOXIDE ANTIMONY TETROXIDE	1332816	4.00E-04	Н	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
ANTIMONY TRIOXIDE	1309644	4.00E-04	Н	NA NA	NA NA	5.70E-05	I	NA NA	NA NA	NA NA
AROCLOR-1016	12674112	7.00E-05	I	7.00E-02	I	na	na	7.00E-02	I	na
AROCLOR-1221	11104282	2.00E-05	(d)	2.00E+00	(e)	na	na	2.00E+00	(e)	na
AROCLOR-1232	11141165	2.00E-05	(d)	2.00E+00	(e)	na	na	2.00E+00	(e)	na

Sources: I = IRIS; H = HEAST; A = HEAST Alternate; W = Withdrawn from IRIS or HEAST; E = EPA-NCEA provisional										
value; $O = other$; $NA = not$ available				Toxici	ty Values f	or Human	Health			
** = changed since previous version			0	ral			Inha	lation		
			Do	CS			Di	CS	1	
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d		mg/kg/d	Source	1/mg/kg/d		VOC
AROCLOR-1242	53469219	2.00E-05	(d)	2.00E+00	(e)	na	na	2.00E+00	(e)	na
AROCLOR-1248	12672296 11097691	2.00E-05 2.00E-05	(d) I	2.00E+00 2.00E+00	(e) I	na	na	2.00E+00 2.00E+00	(e) I	na
AROCLOR-1254 AROCLOR-1260	1109/691	2.00E-05 2.00E-05	(d)	2.00E+00 2.00E+00	(e)	na na	na na	2.00E+00 2.00E+00	(e)	na na
Aroclor-1262	37324235	2.00E-05	(d) (d)	2.00E+00	(e)	NA	NA	2.00E+00	(e)	NA
Aroclor-1268	11100144	2.00E-05	(d)	2.00E+00	(e)	NA	NA	2.00E+00	(e)	NA
ARSENIC	7440382	3.00E-04	I	1.50E+00	I	NA	NA	1.51E+01	I	NA
ARSINE	7784421	NA	NA	NA	NA	1.40E-05	I	NA	NA	у
ASSURE	76578148	9.00E-03	I	NA	NA	NA	NA	NA	NA	NA
ATRAZINE	1912249	3.50E-02	I	2.20E-01	Н	NA	NA	NA	NA	NA
AZOBENZENE	103333	NA	NA	1.10E-01	I	NA	NA	1.10E-01	I	NA
BARIUM	7440393	7.00E-02	I	NA	NA	1.40E-04	A	NA	NA	NA
BAYGON	114261	4.00E-03	I	NA	NA	NA	NA	NA	NA	NA
BAYTHROID	68359375	2.50E-02	I	NA	NA	NA	NA	NA	NA	NA
BENTAZON DENIZIATANITHD A CENIE	25057890	3.00E-02 2.00E-02	I (b)	NA 7 20E 01	NA E	NA NA	NA NA	NA 2 10E 01	NA (f)	NA NA
BENZ[A]ANTHRACENE	56553 100527	2.00E-02 1.00E-01	(b)	7.30E-01	E NA	NA NA	NA NA	3.10E-01	(f) NA	NA NA
BENZALDEHYDE BENZENE	71432	3.00E-01	E E	NA 5.5E-02	NA I	NA 1.70E-03	NA E	NA 2.90E-02	NA I	NA v
BENZENETHIOL	108985	1.00E-05	H H	3.3E-02 NA	NA	1.70E-03 NA	NA	2.90E-02 NA	NA	y y
BENZIDINE	92875	3.00E-03	I	2.30E+02	I	NA NA	NA NA	2.30E+02	I	y NA
BENZO[A]PYRENE	50328	2.00E-02	(b)	7.30E+00	I	NA	NA	3.10E+00	E	NA
BENZO[B]FLUORANTHENE	205992	2.00E-02	(b)	7.30E-01	Е	NA	NA	3.10E-01	(f)	NA
Benzo[g,h,i]Perylene	191242	2.00E-02	(b)	NA	NA	NA	NA	NA	NA	NA
BENZO[K]FLUORANTHENE	207089	2.00E-02	(b)	7.30E-02	E	NA	NA	3.10E-02	(f)	NA
BENZOIC ACID	65850	4.00E+00	I	NA	NA	NA	NA	NA	NA	NA
BENZYL ALCOHOL	100516	3.00E-01	Н	NA	NA	NA	NA	NA	NA	NA
BENZYL CHLORIDE	100447	NA	NA	0.17	I	NA	NA	NA	NA	У
BERYLLIUM	7440417	2.00E-03	I	NA	NA	5.7E-06	I	8.40E+00	I	NA
BETA-CHLORONAPHTHALENE	91587 319857	8.00E-02	I	NA 1 80E+00	NA I	NA NA	NA NA	NA 1.80E+00	NA I	y NA
BETA-HCH BIPHENYL	92524	NA 5.00E-02	NA I	1.80E+00 NA	NA	NA NA	NA NA	1.80E+00 NA	NA	NA
BIS(2-CHLOROETHYL)ETHER	111444	NA	NA	1.10E+00	I	NA NA	NA NA	1.10E+00	I	y y
BIS(2-CHLOROISOPROPYL)ETHER	108601	4.00E-02	I	7.00E-02	Н	NA	NA	3.50E-02	Н	y
BIS(2-ETHYLHEXYL)PHTHALATE	117817	2.00E-02	I	1.40E-02	I	NA	NA	1.40E-02	E	NA
BIS(CHLOROMETHYL)ETHER	542881	NA	NA	2.20E+02	I	NA	NA	2.20E+02	I	у
BORON	7440428	9.00E-02	I	NA	NA	5.70E-03	Н	NA	NA	NA
BROMODICHLOROMETHANE	75274	2.00E-02	I	6.20E-02	I	NA	NA	NA	NA	у
BROMOETHENE	593602	NA	NA	NA	NA	8.6E-04	I	1.10E-01	Н	у
BROMOFORM	75252	2.00E-02	I	7.90E-03	I	NA	NA	3.90E-03	I	NA
BROMOMETHANE	74839	1.40E-03	I	NA	NA	1.40E-03	I	NA	NA	у
BROMOPHOS	2104963	5.00E-03	Н	NA	NA	NA	NA	NA	NA	NA
BUTYLATE DUTYL DENIZYL DUTHAL ATE	2008415	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
BUTYLBENZYLPHTHALATE	85687 7440439	2.00E-01	I **see table	NA **see table	NA **see table	NA **see table	NA **see table	NA **see table	NA	NA **see table
CADMIUM CADMIUM-FOOD	7440439 7440439 F	**see table 1.00E-03	I	NA	NA	5.7E-05	E	6.30E+00	**see table	NA
CADMIUM-POOD CADMIUM-WATER	7440439_I	5.00E-04	I	NA NA	NA NA	5.7E-05	E	6.30E+00	I	NA NA
CALCIUM CYANIDE	592018	4E-02	I	NA	NA	NA	NA	NA	NA	NA
CAPROLACTAM	105602	5.00E-01	I	NA	NA	NA	NA	NA	NA	NA
CARBARYL	63252	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
CARBAZOLE	86748	NA	NA	2.00E-02	Н	NA	NA	NA	NA	NA
CARBON DISULFIDE	75150	1.00E-01	I	NA	NA	2.00E-01	I	NA	NA	у
CARBON TETRACHLORIDE	56235	7.00E-04	I	1.30E-01	I	5.71E-04	Е	5.30E-02	I	у
CARBOSULFAN	55285148	1.00E-02	I	NA	NA	NA	NA	NA	NA	NA
CHLORAL HYDRATE	302170	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
CHLORANIL	118752	NA	NA	4.00E-01	Н	NA 2 00E 04	NA	NA 2.5E.01	NA	NA
CHLORDANE	57749	5.00E-04	I	3.5E-01	I	2.00E-04	I	3.5E-01	I	NA
CHLORINE CHLORINE DIOVIDE	7782505 10049044	1.00E-01	I	NA NA	NA NA	5.7E-05	E	NA NA	NA NA	у
CHLORINE DIOXIDE CHLOROACETIC ACID	79118	3.00E-02 2.00E-03	I H	NA NA	NA NA	5.70E-05 NA	I NA	NA NA	NA NA	y NA
CHLOROBENZENE	108907	2.00E-03 2.00E-02	I	NA NA	NA NA	1.7E-02	E E	NA NA	NA NA	y y
CHLOROBENZILATE	510156	2.00E-02	I	2.70E-01	Н	NA	NA	2.70E-01	Н	NA
CHLORODIFLUOROMETHANE	75456	NA	NA	NA NA	NA	1.40E+01	I	NA	NA	у
	1	1 - "- "		1 - ***			1 .	1		,

Withdrawn from IRIS or HEAST; $E = EPA$ -NCEA provisional value; $O = other$; $NA = not$ available				Tovici	tv Values fo	or Human	Health			
*** = changed since previous version			0	ral	ty values i	or muman		lation		
		Rí	То	CS	Fo	Rí	Di	CS	Fi	
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d	Source	mg/kg/d	Source	1/mg/kg/d	Source	VOC
CHLOROETHANE	75003	4.00E-01	Е	2.90E-03	E	2.90E+00	I	NA	NA	у
CHLOROFORM	67663	1.00E-02	I	NA	NA	8.6E-05	Е	8.10E-02	I	У
CHLOROMETHANE	74873	NA	NA	1.30E-02	Н	2.6E-02	I	3.5E-03	Е	У
CHLORPYRIFOS	2921882	3.00E-03	I	NA	NA	NA	NA	NA	NA	NA
CHLORPYRIFOS-METHYL	5598130	1.00E-02	H ** t-bl-	NA ** t-bl-	NA ** t-bl-	NA ** t-bl-	NA ** t-bl-	NA ** t-bl-	NA	NA **see tab
CHROMIUM CHROMIUM III	7440473 16065831 III	**see table 1.50E+00	**see table	**see table NA	**see table NA	NA	**see table NA	**see table NA	**see table NA	NA
CHROMIUM VI	18540299 VI	3.00E-03	I	NA NA	NA NA	3.00E-05	I	4.10E+01	H	NA NA
CHRYSENE	218019	2.00E-02	(b)	7.30E-03	E	NA	NA	3.10E-03	(f)	NA
CIS-1,2-DICHLOROETHENE	156592	1.00E-02	H	NA	NA	NA	NA	na	NA	y
cis-1,3-Dichloropropene	10061015	3.00E-02	(m)	1.00E-01	(m)	5.71E-03	(m)	1.00E-02	(m)	y
COBALT	7440484	2.00E-02	E	NA	NA	5.7E-06	E	NA	NA.	NA
COKE OVEN EMISSIONS (COAL TAR)	8007452	NA	NA	NA	NA	NA	NA	2.2	I	NA
COPPER	7440508	4.00E-02	Н	NA	NA	NA	NA	NA	NA	NA
COPPER CYANIDE	544923	5.00E-03	I	NA	NA	NA	NA	NA	NA	NA
CROTONALDEHYDE	123739	NA	NA	1.90E+00	Н	NA	NA	NA	NA	у
CUMENE	98828	1.00E-01	I	NA	NA	1.10E-01	I	NA	NA	у
CYANAZINE	21725462	2.00E-03	Н	8.40E-01	Н	NA	NA	NA	NA	NA
CYANIDE (FREE)	57125	2.00E-02	I	NA	NA	NA	NA	NA	NA	NA
CYANOGEN	460195	4.00E-02	I	NA	NA	NA	NA	NA	NA	у
CYANOGEN BROMIDE	506683	9.00E-02	I	NA	NA	NA	NA	NA	NA	NA
CYANOGEN CHLORIDE	506774	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
CYCLOHEXANONE	108941	5.00E+00	I	NA	NA	NA	NA	NA	NA	NA
CYHALOTHRIN/KARATE	68085858	5.00E-03	I	NA	NA	NA	NA	NA	NA	NA
CYPERMETHRIN	52315078	1.00E-02	I	NA	NA	NA	NA	NA	NA	NA
DACTHAL	1861321	1.00E-02	I	NA	NA	NA	NA	NA	NA	NA
DALAPON	75990	3.00E-02	I	NA 2 40E 01	NA	NA	NA	NA	NA	NA
ODD ODE	72548	5.00E-04	(h)	2.40E-01	I	NA NA	NA NA	NA	NA NA	NA NA
DDE DDT	72559 50293	5.00E-04 5.00E-04	(h) I	3.40E-01 3.40E-01	I	NA NA	NA NA	NA 3.40E-01	NA I	NA NA
lelta-BHC	319868	3.00E-04 3.00E-04	(i)	1.30E+00	(i)	NA NA	NA NA	3.40E-01 NA	NA	NA NA
DI(2-ETHYLHEXYL)ADIPATE	103231	6.00E-01	I	1.20E-03	I	NA NA	NA NA	NA NA	NA NA	NA
DIAZINON	333415	9.00E-04	Н	NA	NA	NA NA	NA NA	NA NA	NA NA	NA
DIBENZ[A,H]ANTHRACENE	53703	2.00E-02	(b)	7.30E+00	E	NA	NA	3.10E+00	(f)	NA
DIBENZOFURAN	132649	4.00E-03	E	NA	NA	NA	NA	NA	NA	у
DIBENZOFURAN	132649	4.00E-03	Е	NA	NA	NA	NA	NA	NA	y
DIBROMOCHLOROMETHANE	124481	2.00E-02	I	8.40E-02	I	NA	NA	NA	NA	y
DIBUTYLPHTHALATE	84742	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
DICAMBA	1918009	3.00E-02	I	NA	NA	NA	NA	NA	NA	NA
DICHLORODIFLUOROMETHANE	75718	2.00E-01	I	NA	NA	5.00E-02	A	NA	NA	у
Dichloroethene (all isomers)	25323302	9.00E-03	(j)	NA	NA	NA	NA	NA	NA	у
DICHLORVOS	62737	5E-04	I	0.29	I	1.43E-04	I	NA	NA	NA
DICOFOL	115322	NA	NA	4.4E-01	W	NA	NA	NA	NA	NA
DICYCLOPENTADIENE	77736	3E-02	Н	NA	NA	6.00E-05	A	NA	NA	у
DIELDRIN	60571	5.00E-05	I	1.60E+01	I	NA	NA	1.60E+01	I	NA
DIESEL EMISSIONS	Diesel	NA	NA	NA	NA	1.40E-03	I	NA	NA	NA
DIETHYLENE GLYCOL, MONOBUTYL ETHER	112345	NA	NA	NA	NA	5.70E-03	Н	NA	NA	NA
DIETHYLENE GLYCOL, MONOETHYL ETHER	111900	2.00E+00	Н	NA	NA	NA	NA	NA	NA	NA
DIETHYLPHTHALATE	84662	8.00E-01	I	NA	NA	NA	NA	NA	NA	NA
DIETHYLSTILBESTROL	56531	NA	NA	4.70E+03	Н	NA	NA	NA	NA	NA
DIFENZOQUAT (AVENGE)	43222486	8.00E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
DIISOPROPYL METHYLPHOSPHONATE (DIMP) DIMETHYLAMINE	1445756 124403	8.00E-02	I NA	NA NA	NA NA	NA 5.70E-06	NA W	NA NA	NA NA	NA
DIMETHYLAMINE DIMETHYLPHTHALATE	131113	NA 1.00E+01	NA W	NA NA	NA NA	5.70E-06 NA	NA	NA NA	NA NA	y NA
DIMETHYLPHTHALATE DINITROTOLUENE MIX	25321146	1.00E+01 NA	NA	6.80E-01	I I	NA NA	NA NA	NA NA	NA NA	NA NA
DINOSEB	88857	1.00E-03	I	NA	NA	NA NA	NA NA	NA NA	NA NA	NA NA
DIOCTYLPHTHALATE	117840	2.00E-02	H	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
DIPHENYLAMINE	122394	2.50E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA
DIQUAT	85007	2.20E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA
DISULFOTON	298044	4.00E-05	I	NA	NA	NA	NA	NA	NA	NA
DIURON	330541	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA
ENDOSULFAN	115297	6.00E-03	I	NA	NA	NA	NA	NA	NA	NA

				1 OXICII	ty Values f	or Human	Health			
** = changed since previous version				ral				lation		
Chemical	CAS		Do	CS 1/mg/kg/d		Rf mg/kg/d	Di Source	CS 1/mg/kg/d		VOC
Endosulfan I	959988	mg/kg/d 6.00E-03	Source	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	33213659	6.00E-03	(k) (k)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Endosulfan Sulfate	1031078	6.00E-03	(k) (k)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
ENDRIN	72208	3.00E-04	I I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
EPICHLOROHYDRIN	106898	2.00E-03	Н	9.90E-03	I	2.86E-04	I	4.20E-03	I	у
ETHION	563122	5.00E-04	I	NA	NA	NA	NA	NA	NA	NA
ETHYL ACETATE	141786	9.00E-01	ī	NA	NA	NA	NA	NA	NA	у
ETHYL ETHER	60297	2.00E-01	ī	NA	NA	NA	NA	NA	NA	y
ETHYL METHACRYLATE	97632	9.00E-02	Н	NA	NA	NA	NA	NA	NA	y
ETHYLBENZENE	100414	1.00E-01	I	NA	NA	2.90E-01	I	3.85E-03	E	y
ETHYLENE DIAMINE	107153	2.00E-02	Н	NA	NA	NA	NA	NA	NA	NA
ETHYLENE GLYCOL	107211	2.00E+00	I	NA	NA	NA	NA	NA	NA	NA
ETHYLENE GLYCOL, MONOBUTYL ETHER	111762	5.00E-01	I	NA	NA	3.70E+00	I	NA	NA	NA
ETHYLENE OXIDE	75218	NA	NA	1.00E+00	Н	NA	NA	3.50E-01	Н	у
ETHYLENE THIOUREA	96457	8.00E-05	I	1.1E-01	Н	NA	NA	NA	NA	NA
FENAMIPHOS	22224926	2.50E-04	I	NA	NA	NA	NA	NA	NA	NA
FLUOMETURON	2164172	1.30E-02	I	NA	NA	NA	NA	NA	NA	NA
FLUORANTHENE	206440	4.00E-02	I	NA	NA	NA	NA	NA	NA	NA
FLUORENE	86737	4.00E-02	I	NA	NA	NA	NA	NA	NA	у
FLUORINE	7782414	6.00E-02	I	NA	NA	NA	NA	NA	NA	NA
FOMESAFEN	72178020	NA	NA	1.90E-01	I	NA	NA	NA	NA	NA
FONOFOS	944229	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA
FORMALDEHYDE	50000	2.00E-01	I	NA	NA	NA	NA	4.50E-02	I	NA
FORMIC ACID	64186	2.00E+00	Н	NA	NA	NA	NA	NA	NA	NA
FURAN	110009	1.00E-03	I	NA	NA	NA	NA	NA	NA	у
FURAZOLIDONE	67458	NA	NA	3.80E+00	Н	NA	NA	NA	NA	NA
FURFURAL	98011	3.00E-03	I	NA	NA	1.00E-02	Α	NA	NA	NA
gamma-Chlordane	5566347	5.00E-04	(c)	3.5E-01	(c)	2.00E-04	(c)	3.5E-01	(c)	NA
GAMMA-HCH (LINDANE)	58899	3.00E-04	I	1.30E+00	Н	NA	NA	NA	NA	NA
GLYCIDALDEHYDE	765344	4.00E-04	I	NA	NA	2.90E-04	Н	NA	NA	NA
GLYPHOSATE	1071836	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
HEPTACHLOR	76448	5.00E-04	I	4.50E+00	I	NA	NA	4.50E+00	I	NA
HEPTACHLOR EPOXIDE	1024573	1.30E-05	I	9.10E+00	I	NA	NA	9.10E+00	I	NA
HEXABROMOBENZENE	87821	2.00E-03	I	NA	NA	NA	NA	NA	NA	NA
HEXACHLOROBENZENE	118741	8.00E-04	I	1.60E+00	I	NA	NA	1.60E+00	I	NA
HEXACHLOROBUTADIENE	87683	2.00E-04	Н	7.80E-02	I	NA	NA	7.80E-02	I	NA
HEXACHLOROCYCLOPENTADIENE	77474	6.00E-03	I	NA	NA	5.7E-05	I	NA	NA	NA
HEXACHLORODIBENZODIOXIN MIX	19408743	NA	NA	6.20E+03	I	NA	NA	4.55E+03	I	NA
HEXACHLOROETHANE	67721	1.00E-03	I	1.40E-02	I	NA	NA	1.40E-02	I	NA
HEXACHLOROPHENE	70304	3.00E-04	I	NA	NA	NA	NA	NA	NA	NA
HEXANE	110543	6.00E-02	Н	NA	NA	5.71E-02	I	NA	NA	у
HEXAZINONE	51235042	3.30E-02	I	NA	NA	NA	NA	NA	NA	NA
HMX	2691410	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
HYDRAZINE	302012	NA	NA	3.00E+00	I	NA	NA	1.70E+01	I	NA
HYDROGEN CHLORIDE	7647010	NA	NA	NA	NA	5.70E-03	I	NA	NA	NA
HYDROGEN CYANIDE	74908	2.00E-02	I	NA	NA	8.60E-04	I	NA	NA	у
HYDROGEN SULFIDE	7783064	3.00E-03	I	NA	NA	2.85E-04	I	NA	NA	NA
HYDROQUINONE	123319	4.00E-02	Н	NA	NA	NA	NA	NA	NA	NA
INDENO[1,2,3-C,D]PYRENE	193395	2.00E-02	(b)	7.30E-01	Е	NA	NA	3.10E-01	(f)	NA
IRON	7439896	3.00E-01	Е	NA	NA	NA	NA	NA	NA	NA
ISOBUTANOL	78831	3.00E-01	I	NA	NA	NA	NA	NA	NA	у
ISOPHORONE	78591	2.00E-01	I	9.50E-04	I	NA	NA	NA	NA	NA
ISOPROPALIN	33820530	1.50E-02	I	NA	NA	NA	NA	NA	NA	NA
ISOPROPYL METHYL PHOSPHONIC ACID	1832548	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
LITHIUM	7439932	2.00E-02	Е	NA	NA	NA	NA	NA	NA	NA
MALATHION	121755	2.00E-02	I	NA	NA	NA	NA	NA	NA	NA
MALEIC ANHYDRIDE	108316	1.00E-01	I	NA	NA	NA	NA	NA	NA	NA
MANGANESE	7439965	**see table	**see table		**see table	**see table			**see table	
MANGANESE-FOOD	7439965_F	1.40E-01	I	NA	NA	1.43E-05	I	NA	NA	NA
MANGANESE-NONFOOD	7439965_NF	2.00E-02	I	NA	NA	1.43E-05	I	NA	NA	NA
MEPHOSFOLAN	950107	9.00E-05	Н	NA	NA	NA	NA	NA	NA	NA
MEPIQUAT CHLORIDE	24307264	3.00E-02	I	NA	NA	NA	NA	NA	NA	NA

value; O = other; NA= not available ** = changed since previous version										
TT = enanged since previous version					y Values fo	or Human				
- Changea since previous version				ral	_			lation		
Chaminal	6	Rfl	Source	CS		Rf	Di Source	CS 1/mg/kg/d		VOC
Chemical CA MERCURIC CHLORIDE 7487		g/kg/d 00E-04	I	1/mg/kg/d	Source NA	mg/kg/d NA	NA	NA	Source NA	NA NA
MERCURY (INORGANIC) 7439		00E-04 00E-04	(l)	NA NA	NA NA	8.60E-05	I I	NA NA	NA NA	NA NA
METHACRYLONITRILE 1269		00E-04	I	NA NA	NA NA	2.00E-03	A	NA NA	NA NA	y
METHANOL 6750		00E-01	I	NA	NA	NA	NA	NA	NA	NA
METHIDATHION 9503		00E-03	I	NA	NA	NA	NA	NA	NA	NA
METHOXYCHLOR 724.	35 5.0	00E-03	I	NA	NA	NA	NA	NA	NA	NA
METHYL ACETATE 7920	09 1.00	00E+00	Н	NA	NA	NA	NA	NA	NA	у
METHYL ACRYLATE 963:	33 3.0	00E-02	A	NA	NA	NA	NA	NA	NA	y
METHYL ETHYL KETONE (2-BUTANONE) 7892	33 6.0	00E-01	I	NA	NA	2.86E-01	I	NA	NA	y
METHYL HYDRAZINE 603-	44	NA	NA	1.10E+00	W	NA	NA	NA	NA	NA
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE) 1081		00E-02	Н	NA	NA	2.00E-02	A	NA	NA	у
METHYL METHACRYLATE 806:		0E+00	I	NA	NA	2.00E-01	I	NA	NA	У
METHYL PARATHION 2980		50E-04	I	NA	NA	NA	NA	NA	NA	NA
METHYL TERT-BUTYL ETHER 1634		57E-01	(a)	4.00E-03	O	8.57E-01	I	NA NA	NA NA	у
METHYLCYCLOHEXANE 1088 METHYLENE BROMIDE 7499		NA 00E-02	NA A	NA NA	NA NA	8.60E-01 NA	H NA	NA NA	NA NA	У
METHYLENE BROMIDE 749. METHYLENE CHLORIDE 7500		00E-02 00E-02	A I	7.50E-03	I I	NA 8.60E-01	NA H	1.65E-03	NA I	y
METHYLMERCURY 22967		00E-02 00E-04	I	7.50E-05 NA	NA	NA	NA	NA	NA	y NA
METHYLSTYRENE MIX 25013		00E-04 00E-03	A	NA NA	NA NA	1.00E-02	A	NA NA	NA NA	у
METOLACHLOR (DUAL) 51218		50E-01	I	NA	NA	NA	NA	NA	NA	NA
MIREX 2385	855 2.0	00E-04	I	NA	NA	NA	NA	NA	NA	NA
M-NITROTOLUENE 9903	81 2.0	00E-02	E	NA	NA	NA	NA	NA	NA	y
MOLYBDENUM 7439	987 51	E-03	I	NA	NA	NA	NA	NA	NA	NA
MONOCHLORAMINE 10599	9903 11	E-01	I	NA	NA	1.00E-01	Н	NA	NA	NA
M-PHENYLENEDIAMINE 1084	152 6.0	00E-03	I	NA	NA	NA	NA	NA	NA	NA
M-XYLENE 1083	383 2.00	00E+00	Н	NA	NA	NA	NA	NA	NA	y
N,N-DIMETHYLANILINE 1216		00E-03	I	NA	NA	NA	NA	NA	NA	NA
NALED 3007		E-03	I	NA	NA	NA	NA	NA	NA	NA
NAPHTHALENE 912		00E-02	I E	NA	NA	9.00E-04	I	NA	NA	у
N-BUTYLBENZENE 1045 NICKEL 7440		00E-02 ee table	**see table	NA **see table	NA **see table	NA **see table	NA **see table	NA **see table	NA **see table	y **see table
NICKEL 744002		00E-02	I	NA	NA	NA	NA	NA	NA	NA
NICKEL REFINERY DUST 744002	-	NA	NA	NA NA	NA NA	NA	NA NA	8.4E-01	I	NA NA
NITRATE 14797	-	60E+00	I	NA	NA	NA	NA	NA	NA	NA
NITRIC OXIDE 10102	2439 1.0	00E-01	W	NA	NA	NA	NA	NA	NA	y
NITRITE 14797	7650 1.0	00E-01	I	NA	NA	NA	NA	NA	NA	NA
NITROBENZENE 989:	5.0	00E-04	I	NA	NA	6.00E-04	A	NA	NA	y
NITROFURANTOIN 6724	09 7.0	00E-02	Н	NA	NA	NA	NA	NA	NA	NA
NITROFURAZONE 598		NA	NA	1.50E+00	Н	NA	NA	NA	NA	NA
NITROGEN DIOXIDE 10102		00E+00	W	NA	NA	NA	NA	NA	NA	У
NITROGLYCERIN 556.		NA	NA	1.4E-02	E	NA	NA	NA	NA	NA
N-NITROSODIETHANOLAMINE 1116.		NA	NA	2.80E+00	I	NA	NA	NA 1.50E+02	NA	NA
N-NITROSODIETHYLAMINE 551: N-NITROSODIMETHYLAMINE 627:		NA NA	NA NA	1.50E+02 5.10E+01	I I	NA NA	NA NA	1.50E+02 5.10E+01	I	NA NA
N-NITROSO-DI-N-BUTYLAMINE 9241		NA NA	NA NA	5.40E+00	I	NA NA	NA NA	5.60E+00	I	y
N-NITROSODIPHENYLAMINE 8630		NA	NA	4.90E-03	I	NA	NA	NA	NA	NA
N-NITROSODIPROPYLAMINE 6216		NA	NA	7.00E+00	I	NA	NA	NA	NA	NA
N-NITROSO-N-ETHYLUREA 7597		NA	NA	1.40E+02	Н	NA	NA	NA	NA	NA
N-NITROSO-N-METHYLETHYLAMINE 10595	5956	NA	NA	2.20E+01	I	NA	NA	NA	NA	NA
N-NITROSOPYRROLIDINE 9305	552	NA	NA	2.10E+00	I	NA	NA	2.10E+00	I	NA
N-PROPYLBENZENE 1036		00E-02	E	NA	NA	NA	NA	NA	NA	у
NUSTAR 85509		00E-04	I	NA	NA	NA	NA	NA	NA	NA
O-CHLORONITROBENZENE 887.		NA	NA	2.50E-02	Н	NA	NA	NA	NA	у
O-CHLOROTOLUENE 954		00E-02	I	NA	NA	NA	NA	NA	NA	у
O-NITROTOLUENE 887:		00E-02	H	NA 4.70E.02	NA	NA NA	NA	NA NA	NA NA	y
O-PHENYLENEDIAMINE 955- ORYZALIN 19044		NA 00E-02	NA I	4.70E-02 NA	H	NA NA	NA NA	NA NA	NA NA	NA NA
OXADIAZON 19666		00E-02 00E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
OXAMYL 23135		50E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
OXYFLUORFEN 42874		00E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
O-XYLENE 954		00E+00	Н	NA	NA	NA	NA	NA	NA	у
P,A,A,A-TETRACHLOROTOLUENE 5216.	251	NA	NA	2.00E+01	Н	NA	NA	NA	NA	NA

value; O = other; NA = not available				Toxicit	ty Values f	or Human	Health			
** = changed since previous version			C	ral	•			lation		
	6.6		Do	CS		Rf		CSFi]
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d		mg/kg/d	Source	1/mg/kg/d		VO
PARAQUAT DICHLORIDE	1910425	4.50E-03	I	NA	NA	NA NA	NA	NA	NA	NA
PARATHION P-CHLOROBENZOIC ACID	56382 74113	6.00E-03 2.00E-01	H H	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
P-CHLORONITROBENZENE	100005	2.00E-01 NA	NA	1.80E-02	H H	NA NA	NA NA	NA NA	NA NA	NA y
PENTACHLOROBENZENE	608935	8.00E-04	I	NA	NA	NA NA	NA NA	NA NA	NA NA	NA NA
PENTACHLORONITROBENZENE	82688	3.00E-03	I	2.60E-01	Н	NA NA	NA	NA NA	NA	NA NA
PENTACHLOROPHENOL	87865	3.00E-02	I	1.20E-01	I	NA NA	NA NA	NA NA	NA NA	NA
PERMETHRIN	52645531	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85018	2.00E-02	(b)	NA	NA	NA	NA	NA	NA	NA
PHOSPHINE	7803512	3.00E-04	I	NA	NA	8.60E-05	I	NA	NA	N/
PHOSPHORIC ACID	7664382	NA	NA	NA	NA	2.90E-03	I	NA	NA	N.A
PHOSPHORUS (WHITE)	7723140	2.00E-05	I	NA	NA	NA	NA	NA	NA	N.A
PHTHALIC ANHYDRIDE	85449	2.00E+00	I	NA	NA	3.43E-02	Н	NA	NA	N.A
P-NITROTOLUENE	99990	1.00E-02	Н	NA	NA	NA	NA	NA	NA	у
POLYBROMINATED BIPHENYLS	NA	7.00E-06	Н	8.90E+00	Н	NA	NA	NA	NA	NA
POLYCHLORINATED BIPHENYLS	1336363	NA	NA	2.00E+00	I	NA	NA	2.00E+00	I	NA
POLYCHLORINATED TERPHENYLS	61788338	NA	NA	4.50E+00	Е	NA	NA	NA	NA	NA.
POTASSIUM CYANIDE	151508	5.00E-02	I	NA	NA	NA	NA	NA	NA	NA
POTASSIUM SILVER CYANIDE	506616	2.00E-01	I	NA	NA	NA	NA	NA	NA	NA
P-PHENYLENEDIAMINE	106503	1.90E-01	Н	NA	NA	NA	NA	NA	NA	N.A
P-PHTHALIC ACID	100210	1.00E+00	Н	NA	NA	NA	NA	NA	NA	N.A
PROMETON	1610180	1.50E-02	I	NA	NA	NA	NA	NA	NA	N.A
PROMETRYN	7287196	4.00E-03	I	NA	NA	NA	NA	NA	NA	N.A
PROPACHLOR	1918167	1.30E-02	I	NA	NA	NA	NA	NA	NA	N/
PROPANIL	709988	5.00E-03	I	NA	NA	NA	NA	NA	NA	N.A
PROPARGITE	2312358	2.00E-02	I	NA	NA	NA	NA	NA	NA	N.A
PROPYLENE GLYCOL	57556	2.00E+01	Н	NA	NA	NA	NA	NA	NA	N.A
PROPYLENE GLYCOL, MONOETHYL ETHER	52125538	7.00E-01	Н	NA	NA	NA	NA	NA	NA	N.A
PROPYLENE GLYCOL, MONOMETHYL ETHER	107982	7.00E-01	Н	NA	NA	5.70E-01	I	NA	NA	NA
P-TOLUIDINE	106490	NA	NA	1.90E-01	Н	NA	NA	NA	NA	NA
PURSUIT	81335775	2.50E-01	I	NA	NA	NA	NA	NA	NA	N.A
P-XYLENE	106423	NA	NA	NA	NA	NA	NA	NA	NA	У
PYRENE	129000	3.00E-02	I	NA	NA	NA	NA	NA	NA	у
PYRIDINE	110861	1.00E-03	I	NA	NA	NA	NA	NA	NA	NA
QUINOLINE	91225	NA	NA	3.00E+00	I	NA	NA	NA	NA	NA
RDX	121824	3.00E-03	I	1.10E-01	I	NA	NA	NA	NA	NA
RESMETHRIN	10453868	3.00E-02	I	NA	NA	NA	NA	NA	NA	NA
RONNEL	299843	5.00E-02	Н	NA	NA	NA	NA	NA	NA	NA
ROTENONE	83794	4.00E-03	I	NA	NA	NA	NA	NA	NA	NA
SEC-BUTYLBENZENE	135988	4.00E-02	E	NA	NA	NA	NA	NA	NA	У
SELENIOUS ACID	7783008	5.00E-03	I	NA	NA	NA NA	NA	NA NA	NA	NA NA
SELENIUM	7782492	5.00E-03	I	NA	NA	NA NA	NA	NA NA	NA	NA NA
SILVER	7440224	5.00E-03	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
SILVER CYANIDE	506649	1.00E-01	I	NA 1 20E 01	NA	NA NA	NA NA	NA NA	NA NA	NA NA
SIMAZINE SODIUM AZIDE	122349 26628228	5.00E-03	I I	1.20E-01 NA	H NA	NA NA	NA NA	NA NA	NA NA	NA NA
SODIUM AZIDE SODIUM CYANIDE	143339	4.00E-03 4.00E-02	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
SODIUM C YANIDE SODIUM DIETHYLDITHIOCARBAMATE	143339	4.00E-02 3.00E-02	I	2.70E-01	NA H	NA NA	NA NA	NA NA	NA NA	NA NA
STRONTIUM, STABLE	7440246	6.00E-02	I	2.70E-01 NA	NA	NA NA	NA NA	NA NA	NA NA	NA NA
STRYCHNINE	57249	3.00E-01	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
STYRENE	100425	2.00E-04 2.00E-01	I	NA NA	NA NA	2.86E-01	I I	NA NA	NA NA	
FECHNICAL HCH	608731	2.00E-01 NA	NA	1.80E+00	I I	2.86E-01 NA	NA	1.80E+00	I	y NA
TERT-BUTYLBENZENE	98066	4.00E-02	E	NA	NA	NA NA	NA NA	NA	NA	
FETRACHLOROETHENE	127184	1.00E-02	I	5.2E-02	E	1.4E-01	E	1.00E-02	E	y y
TETRACHLOROETHENE TETRAETHYLLEAD	78002	1.00E-02 1.00E-07	I	3.2E-02 NA	NA	NA	NA	1.00E-02 NA	NA	y NA
TETRAHYDROFURAN	109999	2.00E-01	E	7.6E-03	E	8.6E-02	E	6.8E-03	E	N/
FETRYL	479458	1.00E-02	H	NA	NA	NA	NA	NA	NA.	N/
THALLIC OXIDE	1314325	7.00E-05	W	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	N/
THALLIUM	7440280	7.00E-05	0	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	N/
THALLIUM ACETATE	563688	9.00E-05	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	N/
THALLIUM CARBONATE	6533739	8.00E-05	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	N/
THALLIUM CARBONATE THALLIUM CHLORIDE	7791120	8.00E-05	I	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	N/

value; $O = other$; $NA = not$ available				Toxicit	ty Values fo	or Human	Health			
** = changed since previous version			0	ral			Inha	lation		
		RfDo		CS	CSFo		RfDi		CSFi	
Chemical	CAS	mg/kg/d	Source	1/mg/kg/d	Source	mg/kg/d	Source	1/mg/kg/d	Source	VOC
THALLIUM NITRATE	10102451	9.00E-05	I	NA	NA	NA	NA	NA	NA	NA
THALLIUM SULFATE (2:1)	7446186	8.00E-05	I	NA	NA	NA	NA	NA	NA	NA
THIOBENCARB	28249776	1.00E-02	I	NA	NA	NA	NA	NA	NA	NA
THIOCYANATE	463569	5.00E-02	E	NA	NA	NA	NA	NA	NA	NA
TIN	7440315	6.00E-01	Н	NA	NA	NA	NA	NA	NA	NA
TITANIUM	7440326	4.00E+00	Е	NA	NA	8.60E-03	Е	NA	NA	NA
TITANIUM DIOXIDE	13463677	4.00E+00	E	NA	NA	8.60E-03	E	NA	NA	NA
TOLUENE	108883	2.00E-01	I	NA	NA	1.14E-01	I	NA	NA	у
TOLUENE-2,4-DIAMINE	95807	NA	NA	3.20E+00	Н	NA	NA	NA	NA	NA
TOLUENE-2,5-DIAMINE	95705	6.00E-01	Н	NA	NA	NA	NA	NA	NA	NA
TOLUENE-2,6-DIAMINE	823405	2.00E-01	Н	NA	NA	NA	NA	NA	NA	NA
TOTAL 1,2-DICHLOROETHENE	540590	9.00E-03	Н	NA	NA	NA	NA	NA	NA	y
TOXAPHENE	8001352	NA	NA	1.10E+00	I	NA	NA	1.10E+00	I	NA
TRANS-1,2-DICHLOROETHENE	156605	2.00E-02	I	NA	NA	NA	NA	NA	NA	y
trans-1,3-Dichloropropene	10061026	3.00E-02	(m)	1.00E-01	(m)	5.71E-03	(m)	1.00E-02	(m)	y
trans-1,4-Dichloro-2-butene	110576	NA	NA	9.30E+00	(a)	NA	NA	9.30E+00	(n)	y
TRIBUTYLTIN OXIDE	56359	3.00E-04	I	NA	NA	NA	NA	NA	NA	NA
TRICHLOROETHENE	79016 new	3.00E-04	(p)	4.00E-01	(p,q)	1.00E-02	(p)	4.00E-01	(p,q)	у
TRICHLOROETHENE	79016 old	6.00E-03	E	1.10E-02	E		47	6.00E-03	E	y
TRICHLOROETHENE	79016	3.00E-04	(p)	1.10E-02	E	1.00E-02	(p)	6.00E-03	E	y
TRICHLOROFLUOROMETHANE	75694	3.00E-01	I	NA	NA	2.00E-01	A	NA	NA	y
TRIMETHYL PHOSPHATE	512561	NA	NA	3.70E-02	Н	NA	NA	NA	NA	NA
URANIUM	7440611	**see table	**see table	**see table	**see table	**see table	**see table	**see table	**see table	**see table
URANIUM (SOLUBLE SALTS; from IRIS)	7440611 I	3.00E-03	I	NA	NA	NA	NA	NA	NA	NA
URANIUM (SOLUBLE SALTS; provisioNAI)	7440611 P	2.00E-04	Е	NA	NA	NA	NA	NA	NA	NA
VANADIUM	7440622	7.00E-03	Н	NA	NA	NA	NA	NA	NA	NA
VANADIUM PENTOXIDE	1314621	9.00E-03	ī	NA	NA	NA	NA	NA	NA	NA
VANADIUM SULFATE	16785812	2.00E-02	Н	NA	NA	NA	NA	NA	NA	NA
VINCLOZOLIN	50471448	2.50E-02	I	NA	NA	NA	NA	NA	NA	NA
VINYL ACETATE	108054	1.00E+00	Н	NA	NA	5.71E-02	I	NA	NA	y
VINYL CHLORIDE	75014	**see table	**see table	**see table	**see table	**see table	**see table	**see table	**see table	
VINYL CHLORIDE inc earlylife(see cover memos)	75014 EL	3.00E-03	I	1.40E+00	I	2.8E-02	I	3.00E-02	I	у
VINYL CHLORIDE: adult (see cover memos)	75014 A	3.00E-03	I	7.20E-01	I	2.8E-02	I	1.5E-02	I	y
WARFARIN	81812	3.00E-04	I	NA	NA	NA	NA	NA	NA	NA
Xylene-m&p	179601231	2.00E+00	(0)	NA	NA	NA	NA	NA	NA	NA
XYLENES	1330207	2.00E+00	I	NA	NA	NA	NA	NA	NA	y
ZINC	7440666	3.00E-01	ı	NA	NA	NA	NA	NA	NA	NA
ZINC CYANIDE	557211	5.00E-01 5.00E-02	ı	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
ZINC PHOSPHIDE	1314847	3E-04	ı	NA	NA	NA	NA	NA	NA	NA
ZINEB	12122677	5E-02	ı	NA	NA	NA	NA	NA	NA	NA

NOTES:

- (a) oRfD set to equal iRfD.
- (b) oRfD assumed based on naphthalene (lowest RfD).
- (c) Toxicity values assumed to be equal to chlordane.
- (d) oRfD assumed based on Aroclor-1254 (lowest RfD).
- (e) oSF and iSF assumed based on Aroclor-1254 (lowest SF).
- (f) Inhalation Slope Factor = Toxicity Equivalence Factor * CSFi for BAP.
- (g) Toxicity values assumed to be equal to 1,3-Dichloropropene.
- $(h) \ \ oRfD \ assumed \ based \ on \ DDT.$
- (i) Toxicity values assumed to be equal to gamma (Lindane).
- (j) Toxicity values assumed to be equal to 1,2-Dichloroethene (total).
- (k) oRfD based on Endosulfan.
- (l) oRfD based on Mercuric Chloride.
- (m) Toxicity values assumed to be equal to 1,3-Dichloropropene.
- (n) Toxicity values assumed to be equal to 1,4-Dichloro-2-butene (mixture).
- (o) oRfD based on Total Xylene.
- (p) Based on TCE report (USEPA 2001)
- (q) Slope factor based on upper bound of reported range

APPENDIX C2 SUMMARY OF RISK-BASED CONCENTRATIONS (RBCs)



RISK-BASED CONCENTRATIONS (RBCs) FOR INGESTION OF SURFACE WATER, FISH, SEDIMENT, SOIL & GROUNDWATER

Ogden Railyard Human Health Risk Assessment

				nal Visitor		Resident	Worker	
		Surface Water	Fish Tissue	Soil	Sediment	Groundwater	Soil	
Analyte	CAS#	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	
Aluminum	7429-90-5	3.0E+02	7.3E+02	1.5E+05	1.5E+05	3.7E+00	1.0E+05	
Antimony	7440-36-0	1.2E-01	2.9E-01	6.0E+01	6.0E+01	1.5E-03	4.1E+01	
Arsenic	7440-38-2	1.4E-02	1.1E-02	7.0E+00	7.0E+00	5.7E-05	1.9E+00	
Barium	7440-39-3	2.1E+01	5.1E+01	1.0E+04	1.0E+04	2.6E-01	7.2E+03	
Beryllium	7440-41-7	6.0E-01	1.5E+00	3.0E+02	3.0E+02	7.3E-03	2.0E+02	
Cadmium	7440-43-9	1.5E-01	7.3E-01	1.5E+02	1.5E+02	1.8E-03	1.0E+02	
Calcium	7440-70-2							
Chromium	7440-47-3	9.0E-01	2.2E+00	4.5E+02	4.5E+02	1.1E-02	3.1E+02	
Cobalt	7440-48-4	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Copper	7440-50-8	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03	
Iron	7439-89-6	9.0E+01	2.2E+02	4.5E+04	4.5E+04	1.1E+00	3.1E+04	
Lead*	7439-92-1	8.5E-01	1.9E+00	1.8E+03	1.8E+03	1.5E-02	6.8E+02	
Magnesium	7439-95-4	 C 0E+00	1.05+02	2.05+02	3.0E+03	7.25.02	2.05.02	
Manganese	7439-96-5 7439-97-6	6.0E+00 9.0E-02	1.0E+02 2.2E-01	3.0E+03 4.5E+01	4.5E+01	7.3E-02	2.0E+03	
Mercury	7440-02-0	9.0E-02 6.0E+00	2.2E-01 1.5E+01	4.5E+01 3.0E+03	4.5E+01 3.0E+03	1.1E-03 7.3E-02	3.1E+01	
Nickel		6.0E+00	1.5E+01 	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Potassium	7440-09-7						5.15.02	
Selenium Silver	7782-49-2 7440-22-4	1.5E+00 1.5E+00	3.7E+00	7.5E+02 7.5E+02	7.5E+02 7.5E+02	1.8E-02 1.8E-02	5.1E+02	
Sodium	7440-22-4		3.7E+00				5.1E+02	
Thallium	7440-23-3	2.1E-02	5.1E-02	1.0E+01	 1.0E+01	2.6E-04	7.2E+00	
Vanadium	7440-28-0 7440-62-2	2.1E+02 2.1E+00	5.1E+00	1.0E+01 1.0E+03	1.0E+01 1.0E+03	2.6E-04 2.6E-02	7.2E+00 7.2E+02	
Vanadium Zinc	7440-62-2	9.0E+01	5.1E+00 2.2E+02	4.5E+04	4.5E+04	2.6E-02 1.1E+00	7.2E+02 3.1E+04	
4.4'-DDD	72-54-8	8.7E-02	7.1E-02	4.4E+01	4.4E+01	3.5E-04	1.2E+01	
4,4'-DDE	72-55-9	6.2E-02	5.0E-02	3.1E+01	3.1E+01	2.5E-04	8.4E+00	
4,4'-DDT	50-29-3	6.2E-02	5.0E-02	3.1E+01	3.1E+01	2.5E-04	8.4E+00	
Aldrin	309-00-2	1.2E-03	1.0E-03	6.2E-01	6.2E-01	5.0E-06	1.7E-01	
alpha-BHC	319-84-6	3.3E-03	2.7E-03	1.7E+00	1.7E+00	1.4E-05	4.5E-01	
alpha-Chlordane	5103-71-9	6.0E-02	4.9E-02	3.0E+01	3.0E+01	2.4E-04	8.2E+00	
Atrazine	1912-24-9	9.5E-02	7.7E-02	4.8E+01	4.8E+01	3.9E-04	1.3E+01	
beta-BHC	319-85-7	1.2E-02	9.5E-03	5.8E+00	5.8E+00	4.7E-05	1.6E+00	
Caprolactam	105-60-2	1.5E+02	3.7E+02	7.5E+04	7.5E+04	1.8E+00	5.1E+04	
Chlordane	57-74-9	6.0E-02	4.9E-02	3.0E+01	3.0E+01	2.4E-04	8.2E+00	
delta-BHC	319-86-8	1.6E-02	1.3E-02	8.1E+00	8.1E+00	6.6E-05	2.2E+00	
Dieldrin	60-57-1	1.3E-03	1.1E-03	6.6E-01	6.6E-01	5.3E-06	1.8E-01	
Endosulfan I	959-98-8	1.8E+00	4.4E+00	9.0E+02	9.0E+02	2.2E-02	6.1E+02	
Endosulfan II	33213-65-9	1.8E+00	4.4E+00	9.0E+02	9.0E+02	2.2E-02	6.1E+02	
Endosulfan Sulfate	1031-07-8	1.8E+00	4.4E+00	9.0E+02	9.0E+02	2.2E-02	6.1E+02	
Endrin	72-20-8	9.0E-02	2.2E-01	4.5E+01	4.5E+01	1.1E-03	3.1E+01	
Endrin Aldehyde	7421-93-4							
Endrin ketone	53494-70-5							
gamma-BHC (Lindane)	58-89-9	1.6E-02	1.3E-02	8.1E+00	8.1E+00	6.6E-05	2.2E+00	
gamma-Chlordane	5566-34-7	6.0E-02	4.9E-02	3.0E+01	3.0E+01	2.4E-04	8.2E+00	
Heptachlor	76-44-8	4.7E-03	3.8E-03	2.3E+00	2.3E+00	1.9E-05	6.4E-01	
Heptachlor Epoxide	1024-57-3	2.3E-03	1.9E-03	1.2E+00	1.2E+00	9.4E-06	3.1E-01	
Isodrin	465-73-6							
Kepone	143-50-0	2.6E-03	2.1E-03	1.3E+00	1.3E+00	1.1E-05	3.6E-01	
Methoxychlor	72-43-5	1.5E+00	3.7E+00	7.5E+02	7.5E+02	1.8E-02	5.1E+02	
Toxaphene	8001-35-2	1.9E-02	1.5E-02	9.5E+00	9.5E+00	7.7E-05	2.6E+00	
2-Chloronaphthalene	91-58-7	2.4E+01	5.8E+01	1.2E+04	1.2E+04	2.9E-01	8.2E+03	
2-Methylnaphthalene	91-57-6	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Acenaphthene	83-32-9	1.8E+01	4.4E+01	9.0E+03	9.0E+03	2.2E-01	6.1E+03	
Acenaphthylene	208-96-8	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Aniline	62-53-3	2.1E+00	3.0E+00	1.0E+03	1.0E+03	1.5E-02	5.0E+02	
Anthracene	120-12-7	9.0E+01	2.2E+02	4.5E+04	4.5E+04	1.1E+00	3.1E+04	
Benzo[a]anthracene	56-55-3	2.9E-02	2.3E-02	1.4E+01	1.4E+01	1.2E-04	3.9E+00	
Benzo[a]pyrene	50-32-8	2.9E-03	2.3E-03	1.4E+00	1.4E+00	1.2E-05	3.9E-01	
Benzo[b]fluoranthene	205-99-2	2.9E-02	2.3E-02	1.4E+01	1.4E+01	1.2E-04	3.9E+00	
Benzo[g,h,i]perylene	191-24-2	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Benzo[k]fluoranthene	207-08-9	2.9E-01	2.3E-01	1.4E+02	1.4E+02	1.2E-03	3.9E+01	
Chrysene	218-01-9	2.9E+00	2.3E+00	1.4E+03	1.4E+03	1.2E-02	3.9E+02	
Dibenz[a,h]anthracene	53-70-3	2.9E-03	2.3E-03	1.4E+00	1.4E+00	1.2E-05	3.9E-01	
Dibenzofuran	132-64-9	1.2E+00	2.9E+00	6.0E+02	6.0E+02	1.5E-02	4.1E+02	
Fluoranthene	206-44-0	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03	
Fluorene	86-73-7	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03	
Indeno[1,2,3-c,d]pyrene	193-39-5	2.9E-02	2.3E-02	1.4E+01	1.4E+01	1.2E-04	3.9E+00	
Naphthalene	91-20-3	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Phenanthrene	85-01-8	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03	
Pyrene	129-00-0	9.0E+00	2.2E+01	4.5E+03	4.5E+03	1.1E-01	3.1E+03	
Aroclor-1016	12674-11-2	2.1E-02	5.1E-02	1.0E+01	1.0E+01	2.6E-04	7.2E+00	
Aroclor-1221	11104-28-2	6.0E-03	8.5E-03	3.0E+00	3.0E+00	4.3E-05	1.4E+00	
Aroclor-1232	11141-16-5	6.0E-03	8.5E-03	3.0E+00	3.0E+00	4.3E-05	1.4E+00	
Aroclor-1242	53469-21-9	6.0E-03	8.5E-03	3.0E+00	3.0E+00	4.3E-05	1.4E+00	
Aroclor-1248	12672-29-6	6.0E-03	8.5E-03	3.0E+00	3.0E+00	4.3E-05	1.4E+00	
Aroclor-1254	11097-69-1	6.0E-03	8.5E-03	3.0E+00	3.0E+00	4.3E-05	1.4E+00	

RISK-BASED CONCENTRATIONS (RBCs) FOR INGESTION OF SURFACE WATER, FISH, SEDIMENT, SOIL & GROUNDWATER

Ogden Railyard Human Health Risk Assessment

Analyte				Recreational Visitor			Resident	Worker	
Arcelor 256		ļ i	Surface Water					Soil	
Anchor 1286								mg/kg	
11.44-phenylery 92.52-14 1.54-01 3.74-02 7.54-03 3.75-02 1.25-01-00-00-00-00-00-00-00-00-00-00-00-00-								1.4E+00	
12.4-Friedinsebenzeme								1.4E+00	
1.2.Debloroberzene 95-50-1 2.7E-01 0.6E-01 1.3E-04 3.3E-01 3.2E-01 4.4D-bloroberzene 1.4.Debloroberzene 1.4.Debloro								5.1E+03	
1.3-Dickhorchezmen	T T							1.0E+03	
1,4-Dichlorobezezee 1,4-Dichlorobezezee 1,4-Dichlorobezezee 2,4-S-Trichlorophered 9,9-93-4 3,00-10 7,310-10 1,580-10 1,580-10 3,76-01 2,4-S-Trichlorophered 9,9-93-4 3,00-10 7,310-10 1,580-10 1,580-10 3,76-01 2,4-Dichlorophered 120-8-3-2 9,00-10 2,2-10-10 3,00-10								9.2E+03	
Jakeltytraphathelens								3.1E+03	
2.45-Tricholoophenol 95-95-4 3.0E-101 7.3E-01 1.5E-04 3.7E-01 2.46-Tricholoophenol 120-83-2 9.0E-01 1.5E-00 5.5E-02 4.5E-02 1.5E-02 2.4-Dichtophenol 120-83-2 9.0E-01 1.2E-01 5.5E-00 4.5E-02 4.5E-02 1.1E-02 2.4-Dintophenol 120-83-2 9.0E-01 1.5E-01 3.0E-02 3.0E-02 7.3E-03 2.4-Dintophenol 120-83-2 9.0E-01 1.5E-01 3.0E-02 3.0E-02 7.3E-03 2.4-Dintophenol 120-83-2 9.0E-01 1.5E-01 3.0E-02 3.0E-02 7.3E-03 3.0E-02 7.3E-03 2.4-Dintophenol 120-83-2 9.0E-01 1.5E-00 3.0E-02 3.0E-02 7.3E-03 3.0E-03 7.3E	*							1.2E+02	
2.4.6-Therothophenol 196-60 196-60 196-60 196-60 2.4.6-Delethophenol 106-87-9 6.06-60 1.56-60 3.06-60 3.06-60 7.3E-62 2.4.6-Delethophenol 105-87-9 6.06-60 1.56-60 3.06-60 3.06-60 7.3E-62 2.4.6-Delethophenol 1.21-142 6.06-60 1.56-60 3.06-60 3.06-60 7.3E-62 2.4.6-Delethophenol 1.21-142 6.06-60 1.56-60 3.06-60 3.06-60 7.3E-62 2.4.6-Delethophenol 1.21-142 6.06-60 1.56-60 3.06-60 3.06-60 7.3E-62 2.4.6-Delethophenol 1.26-60 8.28-2 3.06-60 7.3E-60 3.06-60 7.3E-60 2.2.6-Delethophenol 1.26-60 8.28-2 3.06-60 7.3E-60 3.06-60 7.3E-60 2.2.6-Delethophenol 1.26-60 8.28-2 3.06-60 7.3E-60 8.28-2 3.20-60 2.2.6-Delethophenol 8.28-50 8.28-60 2.2.6-Delethophenol 8.28-50 8.28-60 2.2.6-Delethophenol 8.28-50 8.28-60 2.2.6-Delethophenol 8.28-50 8.28-60 2.2.6-Delethophenol 4.6-Delethors-2-methylphenol 4.6-Delethors-2-methylphenol 4.6-Delethors-2-methylphenol 5.34-52-1 3.06-60 7.3E-60 2.2.6-Delethophenol 4.6-Delethors-2-methylphenol 5.34-52-1 3.06-60 7.3E-60 2.2.6-Delethophenol 5.34-52-1 3.06-60 7.3E-60 3.7E-60 3.7E-60 4.6-Delethophenol-phe								1.0E+04	
24-Discriptophenol 1208-82 906-01 2-26-00 4-56-02 4-56-02 1-16-02 2-4-Discriptophenol 156-67-9 6-06-00 1-56-00 3-06-03 3-06-03 7-36-03 2-4-Discriptophenol 51-28-5 6-06-01 1-56-00 3-06-02 3-06-02 7-36-03 3-06-02 7-36-03 2-4-Discriptophenol 1-26-0-Discriptophenol 1-26-0-Discriptophenol 9-54-87 1-56-00 3-06-02 3-06-02 3-06-03 7-36-03 3-06-02 7-36-03 3-06-02 7-36-03 3-06-02 3-76-03 3-06-02 3-76-03								2.6E+02	
24-Dimtrophemed 10.5-6-79 6.0F-100 1.5F-01 3.0F-103 3.0F-103 7.3E-02 2.4-Dimtrophemed 12.14-12 6.0F-01 1.5F-00 3.0F-102 3.0F-102 7.3E-03 2.4-Dimtrotoluene 6.0C-102 3.0F-102 7.3E-03 3.0F-102 7.3E-03 2.4-Dimtrotoluene 6.0C-102 3.0F-102 7.3E-03 3.0F-102 7.3E-03 2.4-Dimtrotoluene 6.0C-102 3.0F-102 7.3E-03 3.0F-102 7.3E-03 3.0F-102 7.3E-03 3.0F-102 7.3E-03 3.0F-102 7.3E-03 3.0F-102 7.3E-03 3.0F-103 7.3E-103 3.0F-103								3.1E+02	
2.4-Dintrophemol 51.28-5 60F-01 15F-100 3.01F-02 3.01F-02 7.3E-03 2.6-Dintrophemol 21.14-12 6.0F-01 1.5F-100 3.01F-02 3.0F-02 7.3E-03 2.6-Dintrophemol 606-20-2 3.0F-01 7.3E-01 1.5F-102 1.5F-102 3.7E-03 3.7E-03 2.7E-03 3.7E-03 3.								2.0E+03	
24-Dimitroduces	, , , ,							2.0E+02	
2.6-Dimitrotoclares								2.0E+02 2.0E+02	
Section Sect								1.0E+02	
2-Methylphenol (c-Cresol) 95-48-7 1.5E-01 3.7E-01 7.5E-03 1.5E-01 2.2E-01 2.2E-01 2.3E-01 2.2E-01 2.3E-01 1.9E-04 2.2E-01 2.3E-01 1.9E-04 3.5E-00-02 2.2E-01 2.3E-01 2.3E-01 1.9E-04 3.5E-00-02 2.2E-01 4.5E-01 4.5E-01 1.9E-04 3.5E-00-02 2.2E-01 4.5E-01 4.5E-01 1.9E-04 4.5E-01	*							5.1E+02	
2-Skironlamine	-							5.1E+02	
2-Nitrophenol 88-75-5								5.8E+00	
3.3-Dichlorobenzidine								J.6E+00	
3-Nitroantine								6.4E+00	
A6-Dichroro-Zenethylphenol 243-12-4								3.1E+01	
44-Dintro-o-crescol			7.UL-U2			1.51.01		5.1E±01 	
4-Bromopheny-phenylether 101-553	, , , ,		3 0E-02			1 5E+01		1.0E+01	
Achloros-Methylphenol 59-50-7								1.0E+01	
Achloromaline									
Achlorophenyl-phenylether 7005-72-3								4.1E+02	
Ashethylphenol (p-Cresol) 106-44-5 1.5E+00 3.7E+00 5.8E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+02 4.5E+03 4.5E+								4.1E+02	
A-Nitrognaline			1.5E±00	3.7E+00	7.5E+02	7.5E+02		5.1E+02	
Ashirophenol 100-02-7 2-4E-00 5-8E-00 1.2E+03 1.2E+03 4.5E+04 4.5E+04 1.1E+00								1.4E+02	
Benzy1 alcohol 100-51-6 100								8.2E+02	
SisQ-Chloroethoxy)methane					4.5E+04		1.1E+00	3.1E+04	
bis(2-Chlorostpylether 111-44-4 19E-02 1.5E-02 9.5E+00 9.5E+00 1.5E-02 1.5E-03									
bis(2-Chiptorisopropy)ether 108-60-1 3.0E-01 1.5E+02 1.5E+03 1.5E+03 1.5E+04 1.5E+06 1.5	* * * * * * * * * * * * * * * * * * * *		1.9E-02		9.5E+00	9.5E+00		2.6E+00	
bis(2-Ethylhexyl)phthalate 117-81-7 1.5E+00 1.2E+00 7.5E+02 7.5E+02 3.0E+03 3.0E		108-60-1	3.0E-01	2.4E-01	1.5E+02	1.5E+02	1.2E-03	4.1E+01	
bis(n-octyl)phthalate 117-84-0 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02	ois(2-Ethylhexyl)phthalate	117-81-7	1.5E+00	1.2E+00	7.5E+02	7.5E+02	6.1E-03	2.0E+02	
Carbazole	ois(n-octyl)phthalate	117-84-0	6.0E+00	1.5E+01	3.0E+03	3.0E+03		2.0E+03	
Dibutylphthalate 84-74-2 3.0E+01 7.3E+01 1.5E+04 3.7E-01 Diethylphthalate 84-66-2 2.4E+02 5.8E+02 1.2E+05 1.2E+05 2.9E+00 Dimethylphthalate 131-11-3 3.0E+03 7.3E+03 1.5E+06 1.5E+06 3.7E+01 Hexachlorobenzene 118-74-1 1.3E+02 1.1E+02 6.6E+00 6.6E+00 5.3E+05 Hexachlorobetzene 17-47-4 1.8E+00 4.4E+00 9.0E+01 3.0E+01 7.3E+04 Hexachlorocyclopentadiene 77-47-4 1.8E+00 4.4E+00 9.0E+02 9.0E+02 2.2E+02 Hexachlorocyclopentadiene 76-77-1 3.0E+01 7.3E+01 1.5E+02 1.5E+02 3.7E+03 1.5E+00 1.5E+01 1.1E+04 1.1E+05	Butylbenzylphthalate	85-68-7	6.0E+01	1.5E+02	3.0E+04	3.0E+04	7.3E-01	2.0E+04	
Diethylphthalate	Carbazole	86-74-8	1.0E+00	8.5E-01	5.2E+02	5.2E+02	4.3E-03	1.4E+02	
Dimethylphthalate	Dibutylphthalate	84-74-2	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04	
Hexachlorobenzene	Diethylphthalate	84-66-2	2.4E+02	5.8E+02	1.2E+05	1.2E+05	2.9E+00	8.2E+04	
Hexachlorobutadiene	Dimethylphthalate	131-11-3	3.0E+03	7.3E+03	1.5E+06	1.5E+06	3.7E+01	1.0E+06	
Hexachlorocyclopentadiene	Hexachlorobenzene	118-74-1	1.3E-02	1.1E-02	6.6E+00	6.6E+00	5.3E-05	1.8E+00	
Hexachloroethane	Hexachlorobutadiene	87-68-3	6.0E-02	1.5E-01	3.0E+01	3.0E+01	7.3E-04	2.0E+01	
Isophorone 78-59-1 2.2E+01 1.8E+01 1.1E+04 1.1E+04 9.0E-02	Hexachlorocyclopentadiene	77-47-4	1.8E+00	4.4E+00	9.0E+02	9.0E+02	2.2E-02	6.1E+02	
Nitrobenzene 98-95-3 1.5E-01 3.7E-01 7.5E+01 7.5E+01 1.8E-03 N-Nitrosodiphenylamine 86-30-6 4.3E+00 3.5E+00 2.1E+03 1.7E-02 1.5E+00 1.5E	Hexachloroethane	67-72-1	3.0E-01	7.3E-01	1.5E+02	1.5E+02	3.7E-03	1.0E+02	
N-Nitrosodiphenylamine	sophorone		2.2E+01		1.1E+04	1.1E+04		3.0E+03	
n-Nitrosodipropylamine 621-64-7 3.0E-03 2.4E-03 1.5E+00 1.5E+00 7.1E-04 Pentachlorophenol (PCP) 87-86-5 1.7E-01 1.4E-01 8.7E+01 8.7E+01 7.1E-04 Phenol 108-95-2 9.0E+01 2.2E+02 4.5E+04 4.5E+04 1.1E+00 Pyridine 110-86-1 3.0E-01 7.3E-01 1.5E+02 1.5E+02 3.7E-03 1.1,1.2-Tetrachloroethane 630-20-6 8.1E-01 6.6E-01 4.0E+02 4.0E+02 3.3E-03 1.1,1.2-Tetrachloroethane 71-55-6 8.4E+01 2.0E+02 4.2E+04 4.2E+04 4.2E+04 1.0E+00 1.1,2.2-Tetrachloroethane 79-34-5 1.0E-01 8.5E-02 5.2E+01 5.2E+01 4.3E-04 1.1,2-Trichloroethane 79-34-5 1.0E-01 3.0E-01 1.8E+02 1.8E+02 1.5E-03 1.1-Dichloroethane 79-30-5 3.7E-01 3.0E-01 1.8E+02 1.8E+02 1.5E-03 1.1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1.1-Dichloroethane 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1.1-Dichloroptopene 563-58-6 1.2,3-Trichloroptopane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1.2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1.2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1.2-Dichloroethane 78-87-5 3.1E-01 2.5E-01 1.5E+00 1.3E+03 3.3E-02 1.2-Dichloroptopane 78-87-5 3.1E-01 2.5E-01 1.5E+00 1.3E+03 3.3E-02 1.2-Dichloroptopane 78-87-5 3.1E-01 2.5E-01 1.5E+00 9.5E+02 9.5E+02 9.4E-04 1.3-Dichloroptopane 78-87-5 3.1E-01 3.7E+01 7.5E+03 7.5E+03 1.3E+03 3.3E-02 1.3-Dichloroptopane 78-87-5 3.1E-01 3.7E+01 7.5E+03 7.5E+03 1.3E+03 3.3E-02 1.3-Dichloroptopane 78-87-5 3.1E-01 3.7E+01 7.5E+03 7.5E+03 1.3E+03 3.3E-02 1.3-Dichloroptopane 78-87-5 3.1E-01 3.7E+01 7.5E+03 7.5E+03 7.5E+03 7.5E+03 7.5E+03 1.3E-03 1.3-Dichloroptopane 78-87-5 3.1E-01 2.5E-01 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2.2-Dichloroptopane 78-87-5 3.1E-01 3.7E+01 7.5E+03 7.5E+0	Nitrobenzene							5.1E+01	
Pentachlorophenol (PCP) 87-86-5 1.7E-01 1.4E-01 8.7E+01 8.7E+01 7.1E-04 Phenol 108-95-2 9.0E+01 2.2E+02 4.5E+04 4.5E+04 1.1E+00 Phenol 108-95-2 9.0E+01 2.2E+02 4.5E+04 4.5E+04 1.1E+00 Phenol 1.10-86-1 3.0E-01 7.3E-01 1.5E+02 1.5E+02 3.7E-03 Phenol 1.11-10-86-1 3.0E-01 7.3E-01 1.5E+02 1.5E+02 3.7E-03 Phenol 1.11-10-86-1 3.0E-01 4.0E+02 4.0E+02 4.0E+02 3.3E-03 Phenol 1.11-10-86-1 4.0E+00 4.0E+02 4.0E+04 4.0E+								5.8E+02	
Phenol 108-95-2 9.0E+01 2.2E+02 4.5E+04 4.5E+04 1.1E+00 Pyridine 110-86-1 3.0E-01 7.3E-01 1.5E+02 1.5E+02 3.7E-03	1 17							4.1E-01	
Pyridine								2.4E+01	
1,1,1,2-Tetrachloroethane 630-20-6 8.1E-01 6.6E-01 4.0E+02 4.0E+02 3.3E-03 1,1,1-Trichloroethane 71-55-6 8.4E+01 2.0E+02 4.2E+04 4.2E+04 1.0E+00 1,1,2-Trichloroethane 79-34-5 1.0E-01 8.5E-02 5.2E+01 5.2E+01 4.3E-04 1,1-Dichloroethane 79-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+03 1.5E+03 1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1,1-Dichloroethene 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2,3-Trichlorobenzene 87-61-6 1,2,3-Trinethoropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2-Dichloropropane 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 <								3.1E+04	
1,1,1-Trichloroethane 71-55-6 8.4E+01 2.0E+02 4.2E+04 4.2E+04 1.0E+00 1,1,2-Trichloroethane 79-34-5 1.0E-01 8.5E-02 5.2E+01 5.2E+01 4.3E-04 1,1,2-Trichloroethane 79-34-5 1.0E-01 3.0E-01 1.8E+02 1.8E+02 1.5E-03 1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1,1-Dichloroethane 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,1-Dichloropropene 563-58-6 1,2,3-Trichlorobenzene 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+03 1.8E-01 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00								1.0E+02	
1,1,2,2-Tetrachloroethane 79-34-5 1.0E-01 8.5E-02 5.2E+01 5.2E+01 4.3E-04 1,1,2-Trichloroethane 79-00-5 3.7E-01 3.0E-01 1.8E+02 1.8E+02 1.5E-03 1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1,1-Dichloroethene 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,1-Dichloropropene 563-58-6 1,2,3-Trichloropropane 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+03 1.8E-01 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1								1.1E+02	
1,1,2-Trichloroethane 79-00-5 3.7E-01 3.0E-01 1.8E+02 1.8E+02 1.5E-03 1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 7.5E+03 7.5E+03 1.8E-01 1,1-Dichloroptopene 563-58-6 1,2,3-Trichloroptopane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloroethane 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+03 1.8E-01 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.5E+02 1,3-Dichloropropane 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 3.3E-02 1,3-Dichloropropane 142-28-9 <t< td=""><td>* *</td><td></td><td></td><td></td><td></td><td></td><td></td><td>2.9E+04</td></t<>	* *							2.9E+04	
1,1-Dichloroethane 75-34-3 3.0E+01 7.3E+01 1.5E+04 1.5E+04 3.7E-01 1,1-Dichloroethene 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,1-Dichloropropene 563-58-6 1,2,3-Trichloropropane 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloroethane 95-63-6 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.5E+02 1,3-Dichloropropane 18-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03								1.4E+01	
1,1-Dichloroethene 75-35-4 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,1-Dichloropropene 563-58-6 1,2,3-Trichlorobenzene 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 1.8E-01 1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+03 1.8E-01 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.0E+01</td>								5.0E+01	
1,1-Dichloropropene 563-58-6 1,2,3-Trichlorobenzene 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7	*							1.0E+04	
1,2,3-Trichlorobenzene 87-61-6 1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dichloropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethane 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 <	•							5.1E+03	
1,2,3-Trichloropropane 96-18-4 1.0E-02 8.5E-03 5.2E+00 5.2E+00 4.3E-05 1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3-Dichloropropane 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2,-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01									
1,2,4-Trimethylbenzene 95-63-6 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,2-Dibformo-3-chloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2,-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								1.4E±00	
1,2-Dibromo-3-chloropropane (DBCP) 96-12-8 1.5E-02 1.2E-02 7.5E+00 7.5E+00 6.1E-05 1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethane 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloro-thyl vinyl ether 110-75-8								1.4E+00	
1,2-Dichloroethane 107-06-2 2.3E-01 1.9E-01 1.2E+02 1.2E+02 9.4E-04 1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								5.1E+03	
1,2-Dichloroethene 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8	1 1 1							2.0E+00	
1,2-Dichloroethene (Total) 540-59-0 2.7E+00 6.6E+00 1.3E+03 1.3E+03 3.3E-02 1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								3.1E+01	
1,2-Dichloropropane 78-87-5 3.1E-01 2.5E-01 1.5E+02 1.5E+02 1.3E-03 1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								9.2E+02	
1,3,5-Trimethylbenzene 108-67-8 1.5E+01 3.7E+01 7.5E+03 7.5E+03 1.8E-01 1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								9.2E+02	
1,3-Dichloropropane 142-28-9 1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								4.2E+01	
1,4-Dioxane 123-91-1 1.9E+00 1.5E+00 9.5E+02 9.5E+02 7.7E-03 2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								5.1E+03	
2,2-Dichloropropane 594-20-7 2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Chloroethyl vinyl ether 110-75-8								 2 6E±02	
2-Chloro-1,3-butadiene (Chloroprene) 126-99-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02	•							2.6E+02	
2-Chloroethyl vinyl ether 110-75-8								2.0E+02	
								2.0E+03	
								2.0E+02	
2-Chlorotoluene 95-49-8 6.0E+00 1.5E+01 3.0E+03 3.0E+03 7.3E-02 2-Hexanone 591-78-6 1.2E+01 2.9E+01 6.0E+03 6.0E+03 1.5E-01	2-Chlorotoluene	95-49-8	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03 4.1E+03	

RISK-BASED CONCENTRATIONS (RBCs) FOR INGESTION OF SURFACE WATER, FISH, SEDIMENT, SOIL & GROUNDWATER

Ogden Railyard Human Health Risk Assessment

			Recreatio	nal Visitor		Resident	Worker
		Surface Water	Fish Tissue	Soil	Sediment	Groundwater	Soil
Analyte	CAS#	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/kg
3-Chloropropene (Allyl Chloride)	107-05-1						
4-Chlorotoluene	106-43-4						
Acetone	67-64-1	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04
Acetonitrile	75-05-8	5.1E+00	1.2E+01	2.5E+03	2.5E+03	6.2E-02	1.7E+03
Acetophenone	98-86-2	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04
Acrolein	107-02-8	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03
Acrylonitrile	107-13-1	3.9E-02	3.2E-02	1.9E+01	1.9E+01	1.6E-04	5.3E+00
Benzaldehyde	100-52-7	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04
Benzene	71-43-2	3.8E-01	3.1E-01	1.9E+02	1.9E+02	1.5E-03	5.2E+01
Bromobenzene	108-86-1	 2 4E 01	 2.7E-01	1.75.02	1.75 : 02	 1 4E 02	 4 (E) 01
Bromodichloromethane	75-27-4 75-25-2	3.4E-01	2.7E-01 2.2E+00	1.7E+02	1.7E+02	1.4E-03 1.1E-02	4.6E+01
Bromoform	75-25-2	2.7E+00		1.3E+03	1.3E+03		3.6E+02
Bromomethane (Methyl bromide) Carbon Disulfide	74-83-9 75-15-0	4.2E-01 3.0E+01	1.0E+00 7.3E+01	2.1E+02 1.5E+04	2.1E+02 1.5E+04	5.1E-03 3.7E-01	1.4E+02 1.0E+04
Carbon Tetrachloride	56-23-5	1.6E-01	1.3E-01	8.1E+01	8.1E+01	6.6E-04	2.2E+01
Chlorobenzene	108-90-7	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03
Chlorodibromomethane	124-48-1	2.5E-01	2.0E-01	1.2E+02	1.2E+02	1.0E-03	3.4E+01
Chloroethane (Ethyl chloride)	75-00-3	2.5E-01 7.2E+00	2.0E-01 5.9E+00	3.6E+03	3.6E+03	2.9E-02	3.4E+01 9.9E+02
Chloroform	67-66-3	3.0E+00	7.3E+00	3.6E+03 1.5E+03	3.6E+03 1.5E+03	2.9E-02 3.7E-02	9.9E+02 1.0E+03
Chloromethane (Methyl chloride)	74-87-3	1.6E+00	1.3E+00	8.1E+02	8.1E+02	6.6E-03	2.2E+02
cis-1,2-Dichloroethene	156-59-2	3.0E+00	7.3E+00	1.5E+03	1.5E+03	3.7E-02	1.0E+03
cis-1,3-Dichloropropene	10061-01-5	2.1E-01	1.7E-01	1.0E+02	1.0E+02	8.5E-04	2.9E+01
Dibromomethane	74-95-3	3.0E+00	7.3E+00	1.5E+03	1.5E+03	3.7E-02	1.0E+03
Dichlorodifluoromethane	75-71-8	6.0E+01	1.5E+02	3.0E+04	3.0E+04	7.3E-01	2.0E+04
Dichloroethene (all isomers)	25323-30-2	2.7E+00	6.6E+00	1.3E+03	1.3E+03	3.3E-02	9.2E+02
Dichloromethane	75-09-2	2.8E+00	2.3E+00	1.4E+03	1.4E+03	1.1E-02	3.8E+02
Ethane	74-84-0	2.6E+00	2.5E+00	1.4L+03	1.4L+03	1.112-02	3.0L102
Ethyl Methacrylate	97-63-2	2.7E+01	6.6E+01	1.3E+04	1.3E+04	3.3E-01	9.2E+03
Ethylbenzene	100-41-4	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04
Ethylene dibromide (EDB)	106-93-4	2.5E-04	2.0E-04	1.2E-01	1.2E-01	1.0E-06	3.4E-02
Hexane	110-54-3	1.8E+01	4.4E+01	9.0E+03	9.0E+03	2.2E-01	6.1E+03
Iodomethane	74-88-4						
Isobutyl Alcohol	78-83-1	9.0E+01	2.2E+02	4.5E+04	4.5E+04	1.1E+00	3.1E+04
Isopropylbenzene	98-82-8	3.0E+01	7.3E+01	1.5E+04	1.5E+04	3.7E-01	1.0E+04
Methacrylonitrile	126-98-7	3.0E-02	7.3E-02	1.5E+01	1.5E+01	3.7E-04	1.0E+01
Methane	74-82-8						
Methyl ethyl ketone (MEK)	78-93-3	1.8E+02	4.4E+02	9.0E+04	9.0E+04	2.2E+00	6.1E+04
Methyl isobutyl ketone (MIBK)	108-10-1	2.4E+01	5.8E+01	1.2E+04	1.2E+04	2.9E-01	8.2E+03
Methyl Metharcylate	80-62-6	4.2E+02	1.0E+03	2.1E+05	2.1E+05	5.1E+00	1.4E+05
Methyl-t-butyl ether	1634-04-4	5.2E+00	4.3E+00	2.6E+03	2.6E+03	2.1E-02	7.2E+02
n-Butylbenzene	104-51-8	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03
n-Propylbenzene	103-65-1	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03
o-Xylene	95-47-6	6.0E+02	1.5E+03	3.0E+05	3.0E+05	7.3E+00	2.0E+05
p-Isopropyltoluene	99-87-6						
Propionitrile	107-12-0						
sec-Butylbenzene	135-98-8	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03
Styrene	100-42-5	6.0E+01	1.5E+02	3.0E+04	3.0E+04	7.3E-01	2.0E+04
tert-Butylbenzene	98-06-6	1.2E+01	2.9E+01	6.0E+03	6.0E+03	1.5E-01	4.1E+03
Tetrachloroethene	127-18-4	4.0E-01	3.3E-01	2.0E+02	2.0E+02	1.6E-03	5.5E+01
Toluene	108-88-3	6.0E+01	1.5E+02	3.0E+04	3.0E+04	7.3E-01	2.0E+04
trans-1,2-Dichloroethene	156-60-5	6.0E+00	1.5E+01	3.0E+03	3.0E+03	7.3E-02	2.0E+03
trans-1,3-Dichloropropene	10061-02-6	2.1E-01	1.7E-01	1.0E+02	1.0E+02	8.5E-04	2.9E+01
trans-1,4-Dichloro-2-Butene	110-57-6	2.3E-03	1.8E-03	1.1E+00	1.1E+00	9.2E-06	3.1E-01
Trichloroethene	79-01-6	9.0E-02	2.2E-01	4.5E+01	4.5E+01	1.1E-03	3.1E+01
Trichlorofluoromethane	75-69-4	9.0E+01	2.2E+02	4.5E+04	4.5E+04	1.1E+00	3.1E+04
Vinyl Acetate	108-05-4	3.0E+02	7.3E+02	1.5E+05	1.5E+05	3.7E+00	1.0E+05
Vinyl Chloride	75-01-4	1.5E-02	1.2E-02	7.5E+00	7.5E+00	6.1E-05	2.0E+00
Xylenes (Total)	1330-20-7	6.0E+02	1.5E+03	3.0E+05	3.0E+05	7.3E+00	2.0E+05
Xylenes-p,m	179601-23-1	6.0E+02	1.5E+03	3.0E+05	3.0E+05	7.3E+00	2.0E+05

⁻⁻⁼ Not Available *Derived separately in Lead RBCs.xls



APPENDIX C3 DERIVATION OF LEAD RBCs



Calculation of Soil & Sediment RBC for Lead for a Recreational and Worker Scenario

Based on USEPA 1996a adult lead guidance

EQUATIONS

GM = PbB0 + BKSF*Absorbed dose(ug/d)

95th = GM*GSD^1.645

Target 95th fetal = 10 ug/dL

95th(maternal) = 95th(fetal) / R

Absorbed dose = C * IR * EF/365 * AF

where:

GM = Geometric mean blood lead level (ug/dL) in exposed population

GSD = Geometric standard deviation in blood lead values in exposed population

PbB0 = Baseline geometric mean blood lead level (ug/dL) in exposed population

BKSF = Biokinetic slope factor (ug/dL increase in PbB per ug/day absorbed)

AF = Absorption Fraction

C = Concentration of lead in soil or sediment (ug/g)

IR = Intake rate of soil or sediment (grams/day)

EF = Exposure frequency (days per year)

R = Ratio of fetal to maternal PbB concentration

			Recreation	nal Visitor	On-Yard	
	Variable	Units	Adult	Child*	Worker	Source
INPUTS	PbB0	ug/dL	2.0	2.0	2.0	а
	BKSF	ug/dL per ug/day	0.4	0.4	0.4	а
	GSD		1.8	1.8	1.8	а
	R	ug/dL per ug/dL	0.9	0.9	0.9	а
	IR	g/day	0.10	0.20	0.1	b
	EF	days/yr	20	48	250	b
	AF	ug abs. per ug ing.	0.12	0.12	0.12	а
CALCS	Target maternal 95th	ug/dL	11.1	11.1	11.1	
	Target maternal GM	ug/dL	4.23	4.23	4.23	
	Target Absorbed dose	ug/day	5.56	5.56	5.56	
	Target Conc (RBC)	ug/g	8460	1762	677	
	Most stringent	ug/g	17	762		

a = Default value from USEPA (1996b)

Lead RBCs.xls: Soil-Sediment 1/23/2003

b = RME exposure input parameters for Ogden Railyard site (see Tables 3-5 to 3-7)

^{*} applicable to individuals of reproductive age

Calculation of Surface Water RBC for Lead for a Recreational Scenario

Based on USEPA 1996s adult lead guidance

EQUATIONS

GM = PbB0 + BKSF*Absorbed dose(ug/d)

95th = GM*GSD^1.645

Target 95th fetal = 10 ug/dL

95th(maternal) = 95th(fetal) / R

Absorbed dose = C * IR * EF/365 * AF

where:

GM = Geometric mean blood lead level (ug/dL) in exposed population

GSD = Geometric standard deviation in blood lead values in exposed population

PbB0 = Baseline geometric mean blood lead level (ug/dL) in exposed population

BKSF = Biokinetic slope factor (ug/dL increase in PbB per ug/day absorbed)

AF = Absorption Fraction

C = Concentration of lead in water (ug/L)

IR = Intake rate of water (L/event)

EF = Exposure frequency (events per year)

R = Ratio of fetal to maternal PbB concentration

			Recreation	nal Visitor	
	Variable	Units	Adult	Child*	Source
INPUTS	PbB0	ug/dL	2.0	2.0	а
	BKSF	ug/dL per ug/day	0.4	0.4	а
	GSD		1.8	1.8	а
	R	ug/dL per ug/dL	0.9	0.9	а
	IR	L/event	0.1	0.1	b
	EF	events/yr	20	48	b
	AF	ug abs. per ug ing.	0.5	0.5	а
CALCS	Target maternal 95th	ug/dL	11.1	11.1	
	Target maternal GM	ug/dL	4.23	4.23	
	Target Absorbed dose	ug/day	5.56	5.56	
	Target Conc (RBC)	ug/L	4061	846	
	raiget conc (NBC)	mg/L	4.06	0.85	
	Most stringent	mg/L	9.0	35	

a = Default value from USEPA (1996b)

b = RME exposure input parameters for Ogden Railyard site (see Tables 3-5 to 3-7)

^{*} applicable to individuals of reproductive age

Calculation of Fish Tissue RBC for Lead for a Recreational Scenario

Based on USEPA 1996b adult lead guidance

EQUATIONS

GM = PbB0 + BKSF*Absorbed dose(ug/d)

95th = GM*GSD^1.645

Target 95th fetal = 10 ug/dL

95th(maternal) = 95th(fetal) / R

Absorbed dose = C * IR * EF/365 * AF

where:

GM = Geometric mean blood lead level (ug/dL) in exposed population

GSD = Geometric standard deviation in blood lead values in exposed population

PbB0 = Baseline geometric mean blood lead level (ug/dL) in exposed population

BKSF = Biokinetic slope factor (ug/dL increase in PbB per ug/day absorbed)

AF = Absorption Fraction

C = Concentration of lead in fish tissue (ug/g)

IR = Intake rate of fish (grams/day)

EF = Exposure frequency (days per year)

R = Ratio of fetal to maternal PbB concentration

			Recreatio	nal Visitor	
	Variable	Units	Adult	Child*	Source
INPUTS	PbB0	ug/dL	2.0	2.0	а
	BKSF	ug/dL per ug/day	0.4	0.4	а
	GSD		1.8	1.8	а
	R	ug/dL per ug/dL	0.9	0.9	а
	IR	g/day	25	12.5	b
	EF	days/yr	350	350	b
INPUTS	AF	ug abs. per ug ing.	0.12	0.12	а
CALCS	Target maternal 95th	ug/dL	11.1	11.1	
	Target maternal GM	ug/dL	4.23	4.23	
	Target Absorbed dose	ug/day	5.56	5.56	
	Target Conc (RBC)	ug/g (mg/kg)	1.9	3.9	
	- ,	· - - /	1.	.9	

a = Default value from USEPA (1996b)

b = RME exposure input parameters for Ogden Railyard site (see Tables 3-5 to 3-7)

^{*} applicable to individuals of reproductive age



APPENDIX C4 DERIVATION OF PCB (AS TEQ) RBCs



RBC for PCB Congeners (as TEQ) in Sediments

RME Exposure Assumptions for the Ogden Railyard site (see Table 3-7)

		Recreation	onal Visitor
Exposure Input Parameter	Units	Adult	Child
HIF(noncancer)	kg/kg-d	7.83E-08	6.67E-07
HIF(cancer)	kg/kg-d	3.35E-08	9.53E-08

Basic Equations

Risk = TEQ * HIF * SFtcdd

RBC(TEQ) = Target Risk / (HIF * SFtcdd)

where:

TCDD = 2,3,7,8-tetrachlorodibenzodioxin

TEQ = TCDD-Toxicity Equivalency

SFtcdd = Cancer Slope Factor for TCDD

HIF = Human Intake Factor

		<u>Adult</u>	<u>Child</u>	
Inputs				
	Target Risk	1.00E-06	1.00E-06	
	HIF	3.35E-08	9.53E-08	
	SFtcdd	1.50E+05	1.50E+05	
Results				
	RBC(TEQ)	2.0E-04 199	7.0E-05 70	mg/kg ppt

Screening Level RBC = 70 ppt

RBC for PCB Congeners (as TEQ) in Soils

RME Exposure Assumptions for the Ogden Railyard site (see Table 3-7)

		Recreational Visitor					
Exposure Input Parameter	Units	Adult	Child				
HIF(noncancer)	kg/kg-d	7.83E-08	6.67E-07				
HIF(cancer)	kg/kg-d	3.35E-08	9.53E-08				

Basic Equations

Risk = TEQ * HIF * SFtcdd

RBC(TEQ) = Target Risk / (HIF * SFtcdd)

where:

TCDD = 2,3,7,8-tetrachlorodibenzodioxin

TEQ = TCDD-Toxicity Equivalency

SFtcdd = Cancer Slope Factor for TCDD

HIF = Human Intake Factor

lande		<u>Adult</u>	<u>Child</u>	
Inputs				
	Target Risk	1.00E-06	1.00E-06	
	HIF	3.35E-08	9.53E-08	
	SFtcdd	1.50E+05	1.50E+05	
Results				
	RBC(TEQ)	2.0E-04 199	7.0E-05 70	mg/kg ppt

Screening Level RBC = 70 ppt

RBC for PCB Congeners (as TEQ) in Fish

RME Exposure Assumptions for the Ogden Railyard site (see Table 3-7)

		Recreational Visitor					
Exposure Input Parameter	Units	Adult	Child				
HIF(noncancer)	kg/kg-d	1.37E-04	1.22E-04				
HIF(cancer)	kg/kg-d	5.87E-05	1.74E-05				

Basic Equations

Risk = TEQ * HIF * SFtcdd

RBC(TEQ) = Target Risk / (HIF * SFtcdd)

where:

TCDD = 2,3,7,8-tetrachlorodibenzodioxin

TEQ = TCDD-Toxicity Equivalency

SFtcdd = Cancer Slope Factor for TCDD

HIF = Human Intake Factor

		<u>Adult</u>	<u>Child</u>	
Inputs				
	Target Risk	1.00E-06	1.00E-06	
	HIF	5.87E-05	1.74E-05	
	SFtcdd	1.50E+05	1.50E+05	
Results				
	RBC(TEQ)	1.1E-07	3.8E-07	mg/kg
	, ,	0.11	0.38	ppt

Screening Level RBC = 0.11 ppt



APPENDIX C5 SUMMARY OF COPC SCREENING

- **C5.1 SURFACE WATER**
- C5.2 SEDIMENT
- C5.3 SEDIMENT PCBs (AS TEQ)
- C5.4 GROUNDWATER
- C5.5 FISH TISSUE
- C5.6 FISH TISSUE PCBS (AS TEQ)
- C5.7 OFF-YARD SURFACE SOILS
- C5.8 ON-YARD SURFACE SOILS



					DATA			Recreational COPC SELECTION STEPS						Surface Water COPCs			
_					Detection	Mean Non-	Maximum	Visitor Surface	Is cmpd a non-						QUAL QUAL		
Group	Analyte	CAS#	Number of	Number of	Frequency	Detected Conc	Detected Conc	Water RBC	toxic essential	Does cmpd have	Is cmpd	Is DL < RBC?	Is Max Detect	QUANT	COPC Type COPC Type	Not a	
			Detections	Samples	(DF)	(mg/L)	(mg/L)	(mg/L)	nutrient?	an RBC?	detected?		> RBC?	COPC	1 2	COPC	
	Aluminum	7429-90-5	33	50	66%	4.2E-01	1.9E+00	3.0E+02	No	Yes	Yes		No			X	
	Antimony	7440-36-0	1	50	2%	2.2E-02	3.4E-03	1.2E-01	No	Yes	Yes		No			X	
	Arsenic	7440-38-2	10	67	15%	1.1E-02	3.1E-03	1.4E-02	No	Yes	Yes		No			X	
	Barium	7440-39-3	67	67	100%	NA	1.3E-01	2.1E+01	No	Yes	Yes		No			X	
	Beryllium	7440-41-7	0	50	0%	2.4E-03	NA	6.0E-01	No	Yes	No	Yes				X	
	Cadmium	7440-43-9	19	67	28%	3.4E-03	2.9E-03	1.5E-01	No	Yes	Yes		No			X	
	Calcium	7440-70-2 7440-47-3	50	50	100%	NA 8.7E-03	7.1E+01 7.4E-03	9.0E-01	Yes	V.	X7		N			X	
	Chromium Cobalt	7440-47-3	19	67 50	0%	6.3E-03	7.4E-03 NA	6.0E+00	No No	Yes Yes	Yes No	Yes	No			X	
		7440-50-8	21	50	42%	1.0E-02	7.4E-03	1.2E+01	No	Yes	Yes	res	No			X	
<u>.5</u>	Copper Iron	7439-89-6	35	50	70%	4.0E-02	2.1E+00	9.0E+01	Yes	1 05	1 08		INO			X	
ug.	Lead	7439-92-1	22	67	33%	5.5E-03	2.7E-02	8.5E-01	No	Yes	Yes		No			X	
Inorganics	Magnesium	7439-95-4	50	50	100%	NA	1.9E+01		Yes	103	100		110			X	
_=	Manganese	7439-96-5	49	50	98%	3.0E-02	1.1E-01	6.0E+00	No	Yes	Yes		No			X	
	Mercury	7439-97-6	2	67	3%	1.5E-03	9.7E-04	9.0E-02	No	Yes	Yes		No			X	
	Nickel	7440-02-0	21	50	42%	1.7E-02	2.0E-01	6.0E+00	No	Yes	Yes		No			X	
	Potassium	7440-09-7	49	50	98%	2.0E+00	2.3E+04		Yes							X	
	Selenium	7782-49-2	3	67	4%	1.5E-02	5.2E-03	1.5E+00	No	Yes	Yes		No			X	
	Silver	7440-22-4	11	57	19%	7.1E-03	1.4E-03	1.5E+00	No	Yes	Yes		No			X	
	Sodium	7440-23-5	50	50	100%	NA	5.6E+01		Yes							X	
	Thallium	7440-28-0	0	50	0%	1.6E-02	NA	2.1E-02	No	Yes	No	Yes				X	
	Vanadium	7440-62-2	1	50	2%	7.7E-03	5.1E-03	2.1E+00	No	Yes	Yes		No			X	
	Zinc	7440-66-6	5	50	10%	1.9E-02	2.8E+00	9.0E+01	No	Yes	Yes		No			X	
	4,4'-DDD	72-54-8	0	17	0%	1.0E-04	NA	8.7E-02	No	Yes	No	Yes				X	
	4,4'-DDE	72-55-9	0	17	0%	1.0E-04	NA	6.2E-02	No	Yes	No	Yes				X	
	4,4'-DDT	50-29-3 309-00-2	0	17 17	0%	1.0E-04 5.0E-05	NA	6.2E-02 1.2E-03	No	Yes	No	Yes				X	
	Aldrin alpha-BHC	319-84-6	0	17	0%	5.0E-05 5.0E-05	NA NA	1.2E-03 3.3E-03	No No	Yes Yes	No No	Yes Yes				X	
	beta-BHC	319-85-7	0	17	0%	5.0E-05	NA NA	1.2E-02	No	Yes	No	Yes				X	
	Chlordane	57-74-9	0	17	0%	5.0E-04	NA	6.0E-02	No	Yes	No	Yes				X	
	delta-BHC	319-86-8	0	17	0%	5.0E-05	NA	1.6E-02	No	Yes	No	Yes				X	
	Dieldrin	60-57-1	0	17	0%	1.0E-04	NA	1.3E-03	No	Yes	No	Yes				X	
Pesticides	Endosulfan I	959-98-8	0	17	0%	5.0E-05	NA	1.8E+00	No	Yes	No	Yes				X	
stic	Endosulfan II	33213-65-9	0	17	0%	1.0E-04	NA	1.8E+00	No	Yes	No	Yes				X	
Pe	Endosulfan Sulfate	1031-07-8	0	17	0%	1.0E-04	NA	1.8E+00	No	Yes	No	Yes				X	
	Endrin	72-20-8	0	17	0%	1.0E-04	NA	9.0E-02	No	Yes	No	Yes				X	
	Endrin Aldehyde	7421-93-4	0	17	0%	1.0E-04	NA		No	No					X		
	gamma-BHC (Lindane)	58-89-9	0	17	0%	5.0E-05	NA	1.6E-02	No	Yes	No	Yes				X	
	Heptachlor	76-44-8 1024-57-3	0	17 17	0%	5.0E-05	NA	4.7E-03	No	Yes	No No	Yes Yes				X	
	Heptachlor Epoxide Isodrin	465-73-6	0	17	0%	5.0E-05 5.0E-05	NA NA	2.3E-03	No No	Yes No	NO	res			X	Λ	
	Kepone	143-50-0	0	17	0%	1.0E-04	NA NA	2.6E-03	No	Yes	No	Yes			Λ	X	
	Methoxychlor	72-43-5	0	17	0%	5.0E-04	NA	1.5E+00	No	Yes	No	Yes				X	
	Toxaphene	8001-35-2	0	17	0%	1.0E-03	NA	1.9E-02	No	Yes	No	Yes				X	
	Aroclor-1016	12674-11-2	0	24	0%	3.5E-04	NA	2.1E-02	No	Yes	No	Yes				X	
Bs	Aroclor-1221	11104-28-2	0	17	0%	5.0E-04	NA	6.0E-03	No	Yes	No	Yes				X	
P.C	Aroclor-1232	11141-16-5	0	17	0%	5.0E-04	NA	6.0E-03	No	Yes	No	Yes				X	
yls	Aroclor-1242	53469-21-9	0	17	0%	5.0E-04	NA	6.0E-03	No	Yes	No	Yes				X	
lych hen	Aroclor-1248	12672-29-6	0	17	0%	5.0E-04	NA	6.0E-03	No	Yes	No	Yes				X	
Polychlorinated Biphenyls (PCBs)	Aroclor-1254	11097-69-1	0	17	0%	5.0E-04	NA	6.0E-03	No	Yes	No	Yes				X	
	Aroclor-1260	11096-82-5	1	24	4%	3.7E-04	1.5E-06	6.0E-03	No	Yes	Yes		No			X	
Petroleum Hydro-carbons			0	2	0%	5.0E-01	NA		No	No							
oleu -car	Diesel fuel	68476-34-6													X		
etr			0	6	0%	1.0E+00	NA		No	No							
	I .	TPH	J	J	0/0	1.015 000	11/1		110	110	i e					i e	

			DATA					Recreational COPC SELECTION STEPS						Surface Water COPCs			
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/L)	Maximum Detected Conc (mg/L)	Visitor Surface Water RBC (mg/L)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL QUAL COPC Type 1 2	Not a COPC	
	2-Chloronaphthalene	91-58-7	0	38	0%	1.0E-02	NA	2.4E+01	No	Yes	No	Yes				X	
	2-Methylnaphthalene	91-57-6	2	74	3%	6.2E-03	2.1E-01	6.0E+00	No	Yes	Yes	1 05	No			X	
	Acenaphthene	83-32-9	8	77	10%	6.2E-03	1.6E-01	1.8E+01	No	Yes	Yes		No			X	
	Acenaphthylene	208-96-8	3	77	4%	5.6E-03	1.0E-02	6.0E+00	No	Yes	Yes		No			X	
H)	Aniline	62-53-3	0	36	0%	1.9E-03	NA	2.1E+00	No	Yes	No	Yes				X	
E.	Anthracene Benzo[a]anthracene	120-12-7 56-55-3	2	77 77	3%	6.1E-03 6.1E-03	1.6E-02 4.0E-04	9.0E+01 2.9E-02	No No	Yes	Yes Yes		No No			X	
Suc	Benzo[a]pyrene	50-32-8	2	77	3%	6.0E-03	1.0E-04	2.9E-02 2.9E-03	No	Yes Yes	Yes		No			X	
ŧ	Benzo[b]fluoranthene	205-99-2	1	77	1%	6.0E-03	1.0E-04	2.9E-02	No	Yes	Yes		No			X	
roc	Benzo[g,h,i]perylene	191-24-2	0	77	0%	6.0E-03	NA	6.0E+00	No	Yes	No	Yes				X	
Polyaromatic Hydrocarbons (PAHs)	Benzo[k]fluoranthene	207-08-9	2	77	3%	6.1E-03	2.0E-04	2.9E-01	No	Yes	Yes		No			X	
ij	Chrysene Dibarrio bloothrooms	218-01-9 53-70-3	0	77 77	3% 0%	6.0E-03 6.0E-03	7.0E-04 NA	2.9E+00 2.9E-03	No No	Yes	Yes No	No	No		X	X	
ü	Dibenz[a,h]anthracene Dibenzofuran	132-64-9	0	38	0%	1.0E-02	NA NA	1.2E+00	No	Yes Yes	No	Yes				X	
yar	Fluoranthene	206-44-0	6	77	8%	6.3E-03	6.0E-03	1.2E+01	No	Yes	Yes		No			X	
<u> Po</u>	Fluorene	86-73-7	2	77	3%	6.0E-03	6.2E-02	1.2E+01	No	Yes	Yes		No			X	
	Indeno[1,2,3-c,d]pyrene	193-39-5	1	77	1%	6.0E-03	1.0E-03	2.9E-02	No	Yes	Yes		No			X	
	Naphthalene Phenanthrene	91-20-3 85-01-8	4	86 77	5% 5%	5.6E-03 6.1E-03	5.2E-01 8.4E-02	6.0E+00 6.0E+00	No No	Yes Yes	Yes		No No		 	X	
	Pyrene	129-00-0	5	77	6%	6.1E-03 6.2E-03	8.4E-02 1.0E-02	9.0E+00	No	Yes	Yes Yes		No No			X	
	1,2,4-Trichlorobenzene	120-82-1	0	83	0%	5.6E-03	NA	3.0E+00	No	Yes	No	Yes	110			X	
	1,2-Dichlorobenzene	95-50-1	0	83	0%	5.5E-03	NA	2.7E+01	No	Yes	No	Yes				X	
	1,3-Dichlorobenzene	541-73-1	0	47	0%	8.3E-03	NA	9.0E+00	No	Yes	No	Yes				X	
	1,4-Dichlorobenzene 1-Methylnaphthalene	106-46-7 90-12-0	0	83	0%	5.6E-03	NA	8.7E-01	No	Yes	No	Yes			X	X	
	2,4,5-Trichlorophenol	95-95-4	0	21 38	0%	2.0E-03 1.8E-02	NA NA	3.0E+01	No No	No Yes	No	Yes			A	X	
	2,4,6-Trichlorophenol	88-06-2	0	38	0%	1.0E-02	NA	1.9E+00	No	Yes	No	Yes				X	
	2,4-Dichlorophenol	120-83-2	0	38	0%	1.0E-02	NA	9.0E-01	No	Yes	No	Yes				X	
	2,4-Dimethylphenol	105-67-9	1	63	2%	6.5E-03	5.0E-04	6.0E+00	No	Yes	Yes		No			X	
	2,4-Dinitrophenol	51-28-5	0	38	0%	1.8E-02	NA	6.0E-01	No	Yes	No	Yes				X	
	2,4-Dinitrotoluene 2,6-Dinitrotoluene	121-14-2 606-20-2	0	74 74	0% 1%	6.0E-03 5.6E-03	NA 1.7E-02	6.0E-01 3.0E-01	No No	Yes Yes	No Yes	Yes	No		 	X	
	2-Chlorophenol	95-57-8	0	38	0%	1.0E-02	NA	1.5E+00	No	Yes	No	Yes	110			X	
	2-Methylphenol (o-Cresol)	95-48-7	0	74	0%	6.0E-03	NA	1.5E+01	No	Yes	No	Yes				X	
	2-Nitroaniline	88-74-4	0	38	0%	1.8E-02	NA	1.7E-02	No	Yes	No	No			X		
•	2-Nitrophenol 3,3'-Dichlorobenzidine	88-75-5 91-94-1	0	38 63	0%	1.0E-02 6.9E-03	NA NA	 4.7E-02	No No	No	No	Yes			X	X	
ő	3-Nitroaniline	99-09-2	0	38	0%	1.8E-02	NA NA	9.0E-02	No	Yes Yes	No	Yes				X	
Š	4,6-Dinitro-o-cresol	534-52-1	0	74	0%	1.4E-02	NA	3.0E-02	No	Yes	No	Yes				X	
ş	4-Bromophenyl-phenylether	101-55-3	0	18	0%	1.0E-02	NA		No	No					X		
<u> </u>	4-Chloro-3-Methylphenol	59-50-7	0	38	0%	1.0E-02	NA		No	No					X		
ij	4-Chloroaniline 4-Chlorophenyl-phenylether	106-47-8 7005-72-3	0	38 38	0%	1.0E-02 1.0E-02	NA NA	1.2E+00	No No	Yes No	No	Yes			X	X	
ű	4-Methylphenol (p-Cresol)	106-44-5	0	74	0%	5.6E-03	NA NA	1.5E+00	No	Yes	No	Yes			Λ	X	
.E	4-Nitroaniline	100-01-6	0	38	0%	1.8E-02	NA	9.0E-01	No	Yes	No	Yes				X	
Organic Compounds (SVOCs)	4-Nitrophenol	100-02-7	0	38	0%	1.8E-02	NA	2.4E+00	No	Yes	No	Yes				X	
ij	Benzyl alcohol	100-51-6	0	18	0%	1.0E-02	NA	9.0E+01	No	Yes	No	Yes			v	X	
Semi-Volatile	bis(2-Chloroethoxy)methane bis(2-Chloroethyl)ether	111-91-1 111-44-4	0	38 74	0%	1.0E-02 6.0E-03	NA NA	 1.9E-02	No No	No Yes	No	Yes			X	X	
Ë	bis(2-Chloroisopropyl)ether	108-60-1	0	42	0%	9.2E-03	NA	3.0E-01	No	Yes	No	Yes				X	
Sel	bis(2-Ethylhexyl)phthalate	117-81-7	4	74	5%	5.1E-03	4.7E-03	1.5E+00	No	Yes	Yes		No			X	
	bis(n-octyl)phthalate	117-84-0	1	74	1%	6.2E-03	2.0E-04	6.0E+00	No	Yes	Yes		No			X	
	Butylbenzylphthalate	85-68-7 86-74-8	2	74 74	1% 3%	5.8E-03 8.1E-03	1.0E-04 7.0E-03	6.0E+01 1.0E+00	No No	Yes Yes	Yes Yes		No No	_	 	X	
	Carbazole Dibutylphthalate	86-74-8 84-74-2	4	74	5%	8.1E-03 5.4E-03	7.0E-03 5.7E-03	1.0E+00 3.0E+01	No No	Yes	Y es Y es		No No		 	X	
	Diethylphthalate	84-66-2	0	74	0%	5.5E-03	NA	2.4E+02	No	Yes	No	Yes				X	
	Dimethylphthalate	131-11-3	0	38	0%	1.0E-02	NA	3.0E+03	No	Yes	No	Yes				X	
	Hexachlorobenzene	118-74-1	0	74	0%	6.0E-03	NA	1.3E-02	No	Yes	No	Yes				X	
	Hexachloropyclopentadiene	87-68-3 77-47-4	0	83 38	0%	5.6E-03 1.0E-02	NA NA	6.0E-02 1.8E+00	No No	Yes	No No	Yes				X	
	Hexachlorocyclopentadiene Hexachloroethane	67-72-1	0	38 74	0%	1.0E-02 6.1E-03	NA NA	1.8E+00 3.0E-01	No No	Yes Yes	No No	Yes Yes			 	X	
	Isophorone	78-59-1	0	38	0%	1.0E-02	NA NA	2.2E+01	No	Yes	No	Yes				X	
	Nitrobenzene	98-95-3	0	74	0%	6.0E-03	NA	1.5E-01	No	Yes	No	Yes				X	
	NUMBER OF THE PARTY OF THE PART	86-30-6	0	38	0%	1.0E-02	NA	4.3E+00	No	Yes	No	Yes				X	
	N-Nitrosodiphenylamine																
	n-Nitrosodiprenylamine n-Nitrosodipropylamine Pentachlorophenol (PCP)	621-64-7 87-86-5	0	74 74	0% 4%	6.0E-03 1.0E-02	NA 1.0E-03	3.0E-03 1.7E-01	No No	Yes Yes	No Yes	No	No		X	X	

					DATA			1	1	COPC SEI	ECTION S	TEPS			Surface Wa	ter COPCs	
								Recreational									
Group	Analyte	CAS#	Number of	Number of	Detection	Mean Non-	Maximum	Visitor Surface Water RBC	Is cmpd a non-	Does cmpd have	Is cmpd	I DI I DDGO	Is Max Detect	QUANT	QUAL	QUAL	Not a
-	•		Detections	Samples	Frequency (DF)	Detected Conc	Detected Conc	(mg/L)	toxic essential nutrient?	an RBC?	detected?	Is DL < RBC?	> RBC?	COPC	COPC Type	COPC Type	COPC
						(mg/L)	(mg/L)		nutrient?						1	2	
	1,1,1,2-Tetrachloroethane	630-20-6	0	40	0%	8.0E-03	NA	8.1E-01	No	Yes	No	Yes					X
	1,1,1-Trichloroethane	71-55-6	0	84	0%	2.5E-03	NA	8.4E+01	No	Yes	No	Yes					X
	1,1,2,2-Tetrachloroethane	79-34-5	0	84	0%	2.5E-03	NA	1.0E-01	No	Yes	No	Yes					X
	1,1,2-Trichloroethane	79-00-5	0	84	0%	2.5E-03	NA	3.7E-01	No	Yes	No	Yes					X
	1,1-Dichloroethane	75-34-3	0	84	0%	2.5E-03	NA	3.0E+01	No	Yes	No	Yes					X
	1,1-Dichloroethene	75-35-4 563-58-6	0	9	0%	1.0E-03	NA NA	1.5E+01	No	Yes	No	Yes			X		X
	1,1-Dichloropropene 1,2,3-Trichlorobenzene	87-61-6	0	9	0%	1.0E-03 1.0E-03	NA NA		No No	No No					X		
	1,2,3-Trichloropropane	96-18-4	0	84	0%	5.3E-03	NA NA	1.0E-02	No	Yes	No	Yes			Α	 	X
	1,2,4-Trimethylbenzene	95-63-6	0	9	0%	1.0E-03	NA NA	1.5E+01	No	Yes	No	Yes				 	X
	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	1	43	2%	7.4E-03	1.7E-03	1.5E-02	No	Yes	Yes	103	No				X
	1,2-Dichloroethane	107-06-2	0	84	0%	2.5E-03	NA	2.3E-01	No	Yes	No	Yes	- 10				X
	1,2-Dichloroethene	540-59-0	0	75	0%	3.2E-03	NA	2.7E+00	No	Yes	No	Yes					X
	1,2-Dichloropropane	78-87-5	0	84	0%	2.5E-03	NA	3.1E-01	No	Yes	No	Yes					X
	1,3,5-Trimethylbenzene	108-67-8	0	9	0%	1.0E-03	NA	1.5E+01	No	Yes	No	Yes					X
	1,3-Dichloropropane	142-28-9	0	9	0%	1.0E-03	NA		No	No					X		
[1,4-Dioxane	123-91-1	0	31	0%	3.0E-01	NA	1.9E+00	No	Yes	No	Yes				oxdot	X
	2,2-Dichloropropane	594-20-7	0	9	0%	1.0E-03	NA		No	No					X		
	2-Chloro-1,3-butadiene (Chloroprene)	126-99-8	0	31	0%	1.0E-02	NA	6.0E+00	No	Yes	No	Yes			**	\vdash	X
}	2-Chloroethyl vinyl ether	110-75-8 95-49-8	0	55	0%	6.6E-03	NA NA	 C 0E+00	No No	No	No	Vac			X	\vdash	v
	2-Chlorotoluene 2-Hexanone	95-49-8 591-78-6	0	67	0%	1.0E-03 6.7E-03	NA NA	6.0E+00 1.2E+01	No No	Yes Yes	No No	Yes Yes				\vdash	X
	3-Chloropropene (Allyl Chloride)	107-05-1	0	31	0%	6./E-03 1.0E-02	NA NA	1.2E+01	No No	Yes No	140	1 68			X		А
	4-Chlorotoluene	106-43-4	0	9	0%	1.0E-03	NA NA		No	No					X		
	Acetone	67-64-1	13	61	21%	7.8E-03	4.0E+00	3.0E+01	No	Yes	Yes		No				X
	Acetonitrile	75-05-8	0	75	0%	2.4E-02	NA	5.1E+00	No	Yes	No	Yes					X
	Acrolein	107-02-8	0	31	0%	1.0E-01	NA	6.0E+00	No	Yes	No	Yes					X
(S)	Acrylonitrile	107-13-1	0	55	0%	3.0E-02	NA	3.9E-02	No	Yes	No	Yes					X
0.0	Benzene	71-43-2	1	84	1%	2.4E-03	2.0E-03	3.8E-01	No	Yes	Yes		No				X
<u>د</u>	Bromobenzene	108-86-1	0	9	0%	1.0E-03	NA		No	No					X		
- Pu	Bromodichloromethane	75-27-4	0	84	0%	2.5E-03	NA	3.4E-01	No	Yes	No	Yes					X
nod	Bromoform	75-25-2	0	84	0%	2.5E-03	NA	2.7E+00	No	Yes	No	Yes					X
u o	Bromomethane (Methyl bromide)	74-83-9 75-15-0	0	84	0%	4.4E-03 2.4E-03	NA 1.2E-03	4.2E-01	No	Yes	No	Yes	N				X
Volatile Organic Compounds (VOCs)	Carbon Disulfide Carbon Tetrachloride	/5-15-0 56-23-5	0	84 84	1% 0%	2.4E-03 2.5E-03	1.2E-03 NA	3.0E+01 1.6E-01	No No	Yes Yes	Yes No	Yes	No				X
'E	Chlorobenzene	108-90-7	0	84	0%	2.5E-03 2.5E-03	NA NA	6.0E+00	No	Yes	No	Yes					X
Org	Chlorodibromomethane	124-48-1	0	84	0%	2.5E-03	NA	2.5E-01	No	Yes	No	Yes					X
ile (Chloroethane (Ethyl chloride)	75-00-3	0	84	0%	4.3E-03	NA	7.2E+00	No	Yes	No	Yes					X
olat	Chloroform	67-66-3	0	84	0%	2.5E-03	NA	3.0E+00	No	Yes	No	Yes					X
×	Chloromethane (Methyl chloride)	74-87-3	0	84	0%	4.5E-03	NA	1.6E+00	No	Yes	No	Yes					X
	cis-1,2-Dichloroethene	156-59-2	0	44	0%	1.0E-03	NA	3.0E+00	No	Yes	No	Yes					X
	cis-1,3-Dichloropropene	10061-01-5	0	93	0%	2.3E-03	NA	2.1E-01	No	Yes	No	Yes					X
	Dibromomethane	74-95-3	0	40	0%	8.0E-03	NA	3.0E+00	No	Yes	No	Yes				oxdot	X
	Dichlorodifluoromethane	75-71-8	1	40	3%	7.9E-03	3.6E-03	6.0E+01	No	Yes	Yes		No			oxdot	X
	Dichloromethane	75-09-2	26	84	31%	1.3E-03	5.8E+00	2.8E+00	No	Yes	Yes	77	Yes	X		\vdash	
	Ethyl Methacrylate	97-63-2	0	31	0%	5.0E-02	NA 0.1E.02	2.7E+01	No	Yes	No	Yes	NI-			\vdash	X
	Ethylbenzene Ethylene dibromide (EDB)	100-41-4 106-93-4	0	84 84	2% 0%	2.4E-03 4.3E-03	8.1E-03 NA	3.0E+01 2.5E-04	No No	Yes Yes	Yes No	No	No			X	X
	Hexane	110-54-3	0	84 44	0%	4.3E-03 1.0E-03	NA NA	2.5E-04 1.8E+01	No No	Yes	No	Yes				^	X
	Iodomethane	74-88-4	0	31	0%	1.0E-03 1.0E-02	NA NA	1.8E+01	No	No	110	1 03			X		A
	Isobutyl Alcohol	78-83-1	0	31	0%	1.0E-01	NA NA	9.0E+01	No	Yes	No	Yes					X
	Isopropylbenzene	98-82-8	0	18	0%	1.0E-03	NA	3.0E+01	No	Yes	No	Yes					X
	Methacrylonitrile	126-98-7	0	75	0%	5.6E-03	NA	3.0E-02	No	Yes	No	Yes					X
	Methyl ethyl ketone (MEK)	78-93-3	1	63	2%	7.1E-03	2.2E-03	1.8E+02	No	Yes	Yes		No				X
	Methyl isobutyl ketone (MIBK)	108-10-1	1	84	1%	6.4E-03	1.5E-03	2.4E+01	No	Yes	Yes		No				X
	Methyl Metharcylate	80-62-6	0	31	0%	1.0E-02	NA	4.2E+02	No	Yes	No	Yes					X
	Methyl-t-butyl ether	1634-04-4	0	9	0%	1.0E-03	NA	5.2E+00	No	Yes	No	Yes				oxdot	X
	n-Butylbenzene	104-51-8	0	9	0%	1.0E-03	NA	1.2E+01	No	Yes	No	Yes				\vdash	X
	n-Propylbenzene	103-65-1	0	9	0%	1.0E-03	NA NA	1.2E+01	No	Yes	No	Yes				\vdash	X
	o-Xylene	95-47-6	0	9	0%	1.0E-03	NA NA	6.0E+02	No	Yes	No	Yes					X
	sec-Butylbenzene Styrene	135-98-8 100-42-5	0	84	0%	1.0E-03 2.5E-03	NA NA	1.2E+01 6.0E+01	No No	Yes Yes	No No	Yes Yes					X
	styrene tert-Butylbenzene	98-06-6	0	9	0%	2.5E-03 1.0E-03	NA NA	6.0E+01 1.2E+01	No No	Yes	No	Yes					X
	Tetrachloroethene	127-18-4	0	84	0%	2.5E-03	NA NA	4.0E-01	No	Yes	No	Yes					X
i .		108-88-3		84	0%	2.5E-03	NA NA	6.0E+01	No	Yes	No	Yes					X
l l	Toluene	100-00-1															
	trans-1,2-Dichloroethene	156-60-5	0	53	0%	1.0E-03	NA	6.0E+00	No	Yes	No	Yes					X

Human Health Risk Assessment for Ogden, Utah

					DATA	L		Recreational		COPC SE	LECTION S	TEPS			Surface Wa	ter COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/L)	Maximum Detected Conc (mg/L)	Visitor Surface	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	trans-1,4-Dichloro-2-Butene	110-57-6	0	31	0%	1.0E-02	NA	2.3E-03	No	Yes	No	No				X	
3	Trichloroethene	79-01-6	0	84	0%	2.5E-03	NA	9.0E-02	No	Yes	No	Yes					X
<u> </u>	Trichlorofluoromethane	75-69-4	0	84	0%	4.3E-03	NA	9.0E+01	No	Yes	No	Yes					X
S	Vinyl Acetate	108-05-4	0	75	0%	4.7E-03	NA	3.0E+02	No	Yes	No	Yes					X
2	Vinyl Chloride	75-01-4	0	84	0%	4.3E-03	NA	1.5E-02	No	Yes	No	Yes					X
>	Xylenes (Total)	1330-20-7	1	75	1%	3.7E-03	4.8E-03	6.0E+02	No	Yes	Yes		No				X
	Xylenes-p,m	179601-23-1	0	9	0%	1.0E-03	NA	6.0E+02	No	Yes	No	Yes					X

TOTAL 1 19 5 169

					DATA					COPC SE	LECTION	STEPS		Sedimer	nt COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Sediment RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC? Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Aluminum	7429-90-5	32	32	100%	NA	1.7E+04	1.5E+05	No	Yes	Yes	No				X
	Antimony	7440-36-0	2	32	6%	4.2E+00	1.4E+00	6.0E+01	No	Yes	Yes	No				X
	Arsenic	7440-38-2	30	50	60%	4.7E+00	5.4E+00	7.0E+00	No	Yes	Yes	No				X
	Barium	7440-39-3	45	50	90%	5.4E+01	2.5E+02	1.0E+04	No	Yes	Yes	No				X
	Beryllium	7440-41-7	16	32	50%	5.9E-01	6.3E-01	3.0E+02	No	Yes	Yes	No				X
	Cadmium	7440-43-9	14	50	28%	3.5E-01	9.6E-01	1.5E+02	No	Yes	Yes	No				X
	Calcium	7440-70-2	32	32	100%	NA	1.1E+05		Yes							X
	Chromium	7440-47-3	49	50	98%	1.0E+00	2.2E+01	4.5E+02	No	Yes	Yes	No				X
	Cobalt	7440-48-4	32	32	100%	NA	7.7E+00	3.0E+03	No	Yes	Yes	No				X
S	Copper	7440-50-8	32	32	100%	NA	3.8E+01	6.0E+03	No	Yes	Yes	No				X
Inorganics	Iron	7439-89-6	32	32	100%	NA 2 0E : 00	2.1E+04	4.5E+04	Yes	**	**					X
5	Lead	7439-92-1	49	50	98%	2.0E+00	1.2E+02	1.8E+03	No	Yes	Yes	No				X
Ă	Magnesium	7439-95-4	32	32	100%	NA NA	1.1E+04 9.6E+02	2.0E+02	Yes	V	V	NI-				X
	Manganese	7439-96-5 7439-97-6	32 28	32 50	100%	NA 4.1E-02	9.6E+02 5.3E-01	3.0E+03 4.5E+01	No No	Yes Yes	Yes Yes	No No		+		X
	Mercury Nickel	7439-97-6	32	32	100%	4.1E-02 NA	5.3E-01 2.0E+01	4.5E+01 3.0E+03	No No	Yes	Yes	No No		+		X
	Potassium	7440-02-0	32	32	100%	NA NA	4.7E+03	3.0E+03	Yes	1 08	1 03	190		+		X
	Selenium	7782-49-2	8	50	16%	2.4E+00	4.7E+03 5.8E+00	7.5E+02	No No	Yes	Yes	No		+		X
	Silver	7440-22-4	10	50	20%	4.8E-01	1.2E+00	7.5E+02	No	Yes	Yes	No		+		X
	Sodium	7440-23-5	32	32	100%	NA	3.8E+02	7.51.02	Yes	103	103	110				X
	Thallium	7440-28-0	3	32	9%	1.5E+00	1.3E+00	1.0E+01	No	Yes	Yes	No				X
	Vanadium	7440-62-2	32	32	100%	NA	3.2E+01	1.0E+03	No	Yes	Yes	No				X
	Zinc	7440-66-6	32	32	100%	NA	1.8E+02	4.5E+04	No	Yes	Yes	No				X
	4,4'-DDD	72-54-8	0	65	0%	8.9E-03	NA	4.4E+01	No	Yes	No	Yes				X
	4,4'-DDE	72-55-9	7	65	11%	9.0E-03	1.2E-02	3.1E+01	No	Yes	Yes	No				X
	4,4'-DDT	50-29-3	2	65	3%	9.0E-03	6.1E-03	3.1E+01	No	Yes	Yes	No				X
	Aldrin	309-00-2	0	65	0%	5.3E-03	NA	6.2E-01	No	Yes	No	Yes				X
	alpha-BHC	319-84-6	0	65	0%	5.3E-03	NA	1.7E+00	No	Yes	No	Yes				X
	alpha-Chlordane	5103-71-9	2	47	4%	4.3E-03	1.3E-02	3.0E+01	No	Yes	Yes	No				X
	Atrazine	1912-24-9	0	21	0%	2.9E+00	NA	4.8E+01	No	Yes	No	Yes				X
	beta-BHC	319-85-7	0	65	0%	5.3E-03	NA	5.8E+00	No	Yes	No	Yes				X
	Chlordane	57-74-9	0	18	0%	8.0E-02	NA	3.0E+01	No	Yes	No	Yes				X
	Caprolactam	105-60-2	0	20	0%	2.3E+00	NA	7.5E+04	No	Yes	No	Yes				X
	delta-BHC	319-86-8	0	65	0%	5.3E-03	NA	8.1E+00	No	Yes	No	Yes				X
es	Dieldrin	60-57-1	1	65	2%	8.9E-03	5.4E-03	6.6E-01	No	Yes	Yes	No				X
ici	Endosulfan I	959-98-8	0	65	0%	5.3E-03	NA	9.0E+02	No	Yes	No	Yes				X
Pesticides	Endosulfan II	33213-65-9	0	65	0%	8.9E-03	NA	9.0E+02	No	Yes	No	Yes				X
	Endosulfan Sulfate	1031-07-8	0	65	0%	8.9E-03	NA	9.0E+02	No	Yes	No	Yes				X
	Endrin	72-20-8	0	65	0%	8.9E-03	NA 0.4F-02	4.5E+01	No	Yes	No	Yes				X
	Endrin Aldehyde Endrin ketone	7421-93-4 53494-70-5	3	65 47	5% 0%	9.0E-03 6.1E-03	8.1E-03 NA		No No	No No				X		
	gamma-BHC (Lindane)	58-89-9	0	65	0%	5.3E-03	NA NA	8.1E+00	No No	Yes	No	Yes		Α		X
	gamma-BHC (Lindane) gamma-Chlordane	5566-34-7	2	47	4%	4.3E-03	1.7E-02	3.0E+01	No	Yes	Yes	No No		+		X
	Heptachlor	76-44-8	0	65	0%	5.3E-03	NA	2.3E+00	No	Yes	No	Yes		-		X
	Heptachlor Epoxide	1024-57-3	0	65	0%	5.3E-03	NA	1.2E+00	No	Yes	No	Yes		1		X
	Isodrin	465-73-6	0	18	0%	8.0E-03	NA		No	No				X		
	Kepone	143-50-0	0	18	0%	1.6E-02	NA	1.3E+00	No	Yes	No	Yes				X
	Methoxychlor	72-43-5	0	65	0%	3.8E-02	NA	7.5E+02	No	Yes	No	Yes				X
	Toxaphene	8001-35-2	0	65	0%	2.3E-01	NA	9.5E+00	No	Yes	No	Yes				X
	Aroclor-1016	12674-11-2	0	86	0%	1.2E-01	NA	1.0E+01	No	Yes	No	Yes				X
pg (sg	Aroclor-1221	11104-28-2	0	86	0%	1.5E-01	NA	3.0E+00	No	Yes	No	Yes				X
E g	Aroclor-1232	11141-16-5	0	86	0%	1.2E-01	NA	3.0E+00	No	Yes	No	Yes				X
orii Is (Aroclor-1242	53469-21-9	0	86	0%	1.2E-01	NA	3.0E+00	No	Yes	No	Yes				X
eny	Aroclor-1248	12672-29-6	0	86	0%	1.2E-01	NA	3.0E+00	No	Yes	No	Yes				X
Polychlorinated Biphenyls (PCBs)	Aroclor-1254	11097-69-1	2	85	2%	1.2E-01	1.4E-01	3.0E+00	No	Yes	Yes	No		1		X
- E	Aroclor-1260	11096-82-5	20	86	23%	8.6E-02	4.2E+00	3.0E+00	No	Yes	Yes	Yes	X	1		
	Aroclor-1268	11100-14-4	0	15	0%	8.8E-02	NA	3.0E+00	No	Yes	No	Yes		1		X
ТРН	Total Petroleum Hydrocarbons (TPH)	TPH	11	11	100%	NA	2.2E+03		No	No				X		

					DATA					COPC SE	LECTION S	ΓEPS			Sedimer	nt COPCs
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc	Maximum Detected Conc (mg/kg)	Recreational Visitor Sediment RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC	QUAL COPC Type 2 Not a COPC
	2-Chloronaphthalene	91-58-7	0	74	0%	(mg/kg) 1.7E+00	NA	1.2E+04	No No	Yes	No	Yes				X
	2-Methylnaphthalene	91-57-6	12	100	12%	1.7E+00 1.3E+00	1.4E+03	3.0E+03	No	Yes	Yes	1 05	No			X
	Acenaphthene	83-32-9	24	114	21%	1.2E+00	8.5E+02	9.0E+03	No	Yes	Yes		No			X
	Acenaphthylene	208-96-8	22	114	19%	1.2E+00	1.3E+02	3.0E+03	No	Yes	Yes		No			X
ે જ	Aniline	62-53-3	0	28	0%	1.3E+00	NA	1.0E+03	No	Yes	No	Yes	110			X
H	Anthracene	120-12-7	36	114	32%	1.4E+00	5.2E+02	4.5E+04	No	Yes	Yes	103	No			X
9	Benzo[a]anthracene	56-55-3	54	114	47%	1.7E+00	3.4E+02	1.4E+01	No	Yes	Yes		Yes	X		
Suo	Benzo[a]pyrene	50-32-8	59	114	52%	1.7E+00	3.5E+02	1.4E+00	No	Yes	Yes		Yes	X		
arb	Benzo[b]fluoranthene	205-99-2	57	114	50%	1.7E+00	1.6E+02	1.4E+01	No	Yes	Yes		Yes	X		
Hydrocarbons (PAHs)	Benzo[g,h,i]perylene	191-24-2	50	114	44%	1.6E+00	2.0E+02	3.0E+03	No	Yes	Yes		No			X
J,	Benzo[k]fluoranthene	207-08-9	54	114	47%	1.7E+00	1.7E+02	1.4E+02	No	Yes	Yes		Yes	X		
E	Chrysene	218-01-9	63	114	55%	1.8E+00	3.6E+02	1.4E+03	No	Yes	Yes		No			X
l E	Dibenz[a,h]anthracene	53-70-3	28	114	25%	1.3E+00	7.2E+01	1.4E+00	No	Yes	Yes		Yes	X		
Polyaromatic	Dibenzofuran	132-64-9	4	74	5%	1.7E+00	4.1E+00	6.0E+02	No	Yes	Yes		No			X
lo jo	Fluoranthene	206-44-0	65	114	57%	1.9E+00	6.4E+02	6.0E+03	No	Yes	Yes		No		1	X
_	Fluorene	86-73-7	20	114	18%	1.2E+00	4.2E+02	6.0E+03	No	Yes	Yes		No	**	1	X
	Indeno[1,2,3-c,d]pyrene Naphthalene	193-39-5 91-20-3	51 21	114 129	45% 16%	1.6E+00 1.1E+00	1.6E+02 1.9E+03	1.4E+01 3.0E+03	No No	Yes	Yes Yes		Yes No	X		X
	Naphthalene Phenanthrene	91-20-3 85-01-8	51	114	45%	1.1E+00 1.6E+00	1.9E+03 1.9E+03	3.0E+03 3.0E+03	No No	Yes Yes	Yes		No No		-	X
	Pyrene Pyrene	129-00-0	76	114	45% 67%	2.1E+00	1.9E+03 1.2E+03	3.0E+03 4.5E+03	No No	Yes Yes	Yes		No No		+	X
-	1,1'-Biphenyl	92-52-4	1	114	100%	2.1E+00 2.2E+00	7.9E+00	7.5E+03	No	Yes	Yes		No		+	X
	1,2,4-Trichlorobenzene	120-82-1	0	76	0%	1.2E+00	NA	1.5E+03	No	Yes	No	Yes	110		1	X
	1,2-Dichlorobenzene	95-50-1	0	76	0%	1.2E+00	NA	1.3E+04	No	Yes	No	Yes				X
	1,3-Dichlorobenzene	541-73-1	0	69	0%	1.1E+00	NA	4.5E+03	No	Yes	No	Yes				X
	1,4-Dichlorobenzene	106-46-7	0	76	0%	1.2E+00	NA	4.4E+02	No	Yes	No	Yes				X
	1-Methylnaphthalene	90-12-0	2	21	10%	9.3E-01	2.1E+02		No	No					X	
	2,2'-oxybis(1-Chloropropane)	108-60-1	0	1	0%	4.3E+00	NA	1.5E+02	No	Yes	No	Yes				X
	2,4,5-Trichlorophenol	95-95-4	0	74	0%	2.7E+00	NA	1.5E+04	No	Yes	No	Yes				X
	2,4,6-Trichlorophenol	88-06-2	0	74	0%	1.7E+00	NA	9.5E+02	No	Yes	No	Yes				X
	2,4-Dichlorophenol	120-83-2	0	74	0%	1.7E+00	NA	4.5E+02	No	Yes	No	Yes				X
	2,4-Dimethylphenol	105-67-9	0	81	0%	1.7E+00	NA	3.0E+03	No	Yes	No	Yes				X
	2,4-Dinitrophenol	51-28-5	0	74	0%	3.7E+00	NA	3.0E+02	No	Yes	No	Yes				X
_	2,4-Dinitrotoluene	121-14-2	0	81	0%	1.7E+00	NA	3.0E+02	No	Yes	No	Yes				X
3	2,6-Dinitrotoluene	606-20-2 95-57-8	0	81 74	0% 0%	1.7E+00	NA NA	1.5E+02 7.5E+02	No	Yes	No	Yes				X
0 ^	2-Chlorophenol	95-57-8 95-48-7	0	81	0%	1.7E+00 1.7E+00	NA NA	7.5E+02 7.5E+03	No No	Yes Yes	No No	Yes Yes				X
s)	2-Methylphenol (o-Cresol) 2-Nitroaniline	93-48-7 88-74-4	0	74	0%	3.7E+00	NA NA	8.5E+00	No	Yes	No	Yes				X X
n p	2-Nitrophenol	88-75-5	0	74	0%	1.7E+00	NA NA	8.3E+00	No	No	110	103			X	Α
DQ.	3,3'-Dichlorobenzidine	91-94-1	1	81	1%	1.9E+00	3.7E-02	2.3E+01	No	Yes	Yes		No		Α	X
Compounds (SVOCs)	3-Nitroaniline	99-09-2	0	74	0%	3.7E+00	NA	4.5E+01	No	Yes	No	Yes	110		+	X
ie C	4,6-Dinitro-o-cresol	534-52-1	0	81	0%	4.4E+00	NA	1.5E+01	No	Yes	No	Yes				X
Organic	4-Bromophenyl-phenylether	101-55-3	0	35	0%	2.8E+00	NA		No	No					X	
Or:	4-Chloro-3-Methylphenol	59-50-7	0	74	0%	1.7E+00	NA	-	No	No					X	
tile	4-Chloroaniline	106-47-8	0	74	0%	1.7E+00	NA	6.0E+02	No	Yes	No	Yes				X
Semi-Volatile	4-Chlorophenyl-phenylether	7005-72-3	0	74	0%	1.7E+00	NA	-	No	No					X	
<u> </u>	4-Methylphenol (p-Cresol)	106-44-5	15	81	19%	1.6E+00	4.8E+00	7.5E+02	No	Yes	Yes		No		1	X
Se ii	4-Nitroaniline	100-01-6	0	74	0%	3.7E+00	NA	4.5E+02	No	Yes	No	Yes				X
l ~	4-Nitrophenol	100-02-7	0	74	0%	3.7E+00	NA NA	1.2E+03	No No	Yes	No	Yes			-	X
	Acetophenone	98-86-2 100-52-7	0	20	0% 0%	2.3E+00 2.9E+00	NA NA	1.5E+04 1.5E+04	No No	Yes	No	Yes			+	X X
	Benzaldehyde Benzyl alcohol	100-52-7	0	21 15	0%	2.9E+00 3.4E+00	NA NA	1.5E+04 4.5E+04	No No	Yes Yes	No No	Yes Yes			+	X
	Biphenyl	92-52-4	1	15	100%	3.4E+00 2.2E+00	7.9E+00	4.5E+04 7.5E+03	No No	Yes	Yes	1 08	No		1	X
	bis(2-Chloroethoxy)methane	111-91-1	0	74	0%	1.7E+00	7.9E+00 NA	7.3E±03	No	No	1 CS		140		X	Λ
	bis-(2-Chloroethyl)ether	111-44-4	0	1	0%	4.3E+00	NA NA	9.5E+00	No	Yes	No	Yes			A .	X
	bis(2-Chloroethyl)ether	111-44-4	0	1	0%	4.3E+00	NA	9.5E+00	No	Yes	No	Yes			1	X
	bis(2-Chloroisopropyl)ether	108-60-1	0	1	0%	4.3E+00	NA	1.5E+02	No	Yes	No	Yes				X
	bis(2-Ethylhexyl)phthalate	117-81-7	46	82	56%	2.6E+00	4.0E+00	7.5E+02	No	Yes	Yes		No			X
	bis(n-octyl)phthalate	117-84-0	1	81	1%	1.7E+00	5.2E-01	3.0E+03	No	Yes	Yes		No			X
	Butylbenzylphthalate	85-68-7	5	81	6%	1.8E+00	6.7E-01	3.0E+04	No	Yes	Yes		No			X
	Carbazole	86-74-8	6	81	7%	1.6E+00	6.9E+00	5.2E+02	No	Yes	Yes		No			X
	Dibutylphthalate	84-74-2	5	81	6%	1.8E+00	9.9E-02	1.5E+04	No	Yes	Yes		No			X

			I		DATA					COPC SE	LECTION S	TEPS	1	Sedimer	nt COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Sediment RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC? Is Max Det > RBC?	ect QUANT COPC	QUAL COPO		Not a COPC
spi	Diethylphthalate	84-66-2	1	81	1%	1.7E+00	4.4E-02	1.2E+05	No	Yes	Yes	No				X
Compounds	Dimethylphthalate	131-11-3	0	74	0%	1.7E+00	NA	1.5E+06	No	Yes	No	Yes				X
ά	Hexachlorobenzene	118-74-1	0	81	0%	1.7E+00	NA	6.6E+00	No	Yes	No	Yes				X
CO	Hexachlorobutadiene	87-68-3	0	96	0%	1.4E+00	NA	3.0E+01	No	Yes	No	Yes				X
nic S)	Hexachlorocyclopentadiene	77-47-4	0	74	0%	1.7E+00	NA	9.0E+02	No	Yes	No	Yes				X
le Organic (SVOCs)	Hexachloroethane	67-72-1	0	81	0%	1.7E+00	NA	1.5E+02	No	Yes	No	Yes				X
o o Se	Isophorone	78-59-1	0	74	0%	1.7E+00	NA	1.1E+04	No	Yes	No	Yes				X
ij,	Nitrobenzene	98-95-3	0	81	0%	1.7E+00	NA	7.5E+01	No	Yes	No	Yes				X
7 ols	N-Nitrosodiphenylamine	86-30-6	0	74	0%	1.7E+00	NA	2.1E+03	No	Yes	No	Yes				X
Semi-Volatile Organic (SVOCs)	n-Nitrosodipropylamine	621-64-7 87-86-5	0	81 81	0%	1.7E+00 4.4E+00	NA NA	1.5E+00 8.7E+01	No	Yes Yes	No	No			X	X
Sen	Pentachlorophenol (PCP) Phenol	87-86-5 108-95-2	2	81	2%	4.4E+00 1.7E+00	1.1E-01	8./E+01 4.5E+04	No No	Yes	No Yes	Yes No				X
	1,1,1,2-Tetrachloroethane	630-20-6	0	35	0%	6.6E-03	NA	4.0E+02	No No	Yes	No	Yes				X
	1,1,1-Trichloroethane	71-55-6	0	68	0%	6.1E-03	NA NA	4.0E+02 4.2E+04	No	Yes	No	Yes				X
	1,1,2,2-Tetrachloroethane	79-34-5	0	68	0%	6.1E-03	NA NA	5.2E+01	No	Yes	No	Yes				X
	1,1,2-Trichloroethane	79-00-5	1	68	1%	6.1E-03	4.0E-03	1.8E+02	No	Yes	Yes	i es No	1	1		X
	1,1-Dichloroethane	75-34-3	1	68	1%	6.1E-03	5.2E-03	1.5E+04	No	Yes	Yes	No	1	1		X
	1,1-Dichloroethene	75-35-4	0	15	0%	2.0E-03	NA	7.5E+03	No	Yes	No	Yes	1			X
	1,1-Dichloropropene	563-58-6	0	15	0%	2.0E-03	NA	7.5E105	No	No	110	103		X		A
	1,2,3-Trichlorobenzene	87-61-6	0	15	0%	2.0E-03	NA		No	No			1	X		
	1,2,3-Trichloropropane	96-18-4	0	68	0%	7.6E-03	NA	5.2E+00	No	Yes	No	Yes				X
	1,2,4-Trimethylbenzene	95-63-6	1	15	7%	2.0E-03	1.2E-01	7.5E+03	No	Yes	Yes	No	1			X
	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0	56	0%	8.4E-03	NA	7.5E+00	No	Yes	No	Yes				X
	1,2-Dichloroethane	107-06-2	0	68	0%	6.1E-03	NA	1.2E+02	No	Yes	No	Yes				X
	1,2-Dichloroethene	540-59-0	0	53	0%	1.3E-02	NA	1.3E+03	No	Yes	No	Yes				X
	1,2-Dichloropropane	78-87-5	0	68	0%	6.1E-03	NA	1.5E+02	No	Yes	No	Yes				X
	1,3,5-Trimethylbenzene	108-67-8	1	15	7%	2.0E-03	1.2E-01	7.5E+03	No	Yes	Yes	No				X
	1,3-Dichloropropane	142-28-9	0	15	0%	2.0E-03	NA		No	No				X		
	1,4-Dioxane	123-91-1	0	20	0%	3.0E-01	NA	9.5E+02	No	Yes	No	Yes				X
	2,2-Dichloropropane	594-20-7	0	15	0%	2.0E-03	NA		No	No				X		
ં	2-Chloro-1,3-butadiene (Chloroprene)	126-99-8	0	20	0%	1.0E-02	NA	3.0E+03	No	Yes	No	Yes				X
00	2-Chloroethyl vinyl ether	110-75-8	0	53	0%	9.5E-03	NA		No	No				X		
Š	2-Chlorotoluene	95-49-8	0	15	0%	2.0E-03	NA	3.0E+03	No	Yes	No	Yes				X
spu	2-Hexanone	591-78-6	0	68	0%	1.2E-02	NA	6.0E+03	No	Yes	No	Yes				X
no e	3-Chloropropene (Allyl Chloride)	107-05-1	0	20	0%	1.0E-02	NA		No	No				X		
Ī	4-Chlorotoluene	106-43-4	0	15	0%	2.0E-03	NA		No	No				X		
Š	Acetone	67-64-1	38	68	56%	1.6E-02	3.9E-01	1.5E+04	No	Yes	Yes	No				X
Ĭ	Acetonitrile	75-05-8	0	53	0%	4.0E-02	NA	2.5E+03	No	Yes	No	Yes				X
Volatile Organic Compounds (VOCs)	Acrolein	107-02-8	1	53	2%	6.3E-02	4.5E-03	3.0E+03	No	Yes	Yes	No				X
le C	Acrylonitrile	107-13-1	1	53	2%	4.0E-02	1.0E-02 4.8E-02	1.9E+01	No No	Yes	Yes	No No	-			X
lati	Benzene	71-43-2 108-86-1	0	68 15	4% 0%	6.0E-03 2.0E-03	4.8E-02 NA	1.9E+02	No No	Yes	Yes	No	-	X		X
V ₀	Bromobenzene Bromodichloromethane	75-27-4	0	68	0%	2.0E-03 6.1E-03	NA NA	 1.7E+02	No No	No Yes	No	Yes	1	A		X
	Bromoform	75-25-2	0	68	0%	6.1E-03	NA NA	1.7E+02 1.3E+03	No	Yes	No	Yes	1	1		X
	Bromomethane (Methyl bromide)	74-83-9	4	68	6%	1.2E-02	1.0E-02	2.1E+02	No	Yes	Yes	No				X
	Carbon Disulfide	75-15-0	12	68	18%	6.3E-03	7.0E-03	1.5E+04	No	Yes	Yes	No	1			X
	Carbon Tetrachloride	56-23-5	0	68	0%	6.1E-03	NA	8.1E+01	No	Yes	No	Yes				X
	Chlorobenzene	108-90-7	1	68	1%	6.1E-03	1.9E-03	3.0E+03	No	Yes	Yes	No				X
	Chlorodibromomethane	124-48-1	0	68	0%	6.1E-03	NA NA	1.2E+02	No	Yes	No	Yes				X
	Chloroethane (Ethyl chloride)	75-00-3	0	68	0%	1.1E-02	NA	3.6E+03	No	Yes	No	Yes	1			X
	Chloroform	67-66-3	0	68	0%	6.1E-03	NA	1.5E+03	No	Yes	No	Yes				X
	Chloromethane (Methyl chloride)	74-87-3	1	68	1%	1.1E-02	5.0E-03	8.1E+02	No	Yes	Yes	No				X
	cis-1,2-Dichloroethene	156-59-2	0	33	0%	1.0E-02	NA	1.5E+03	No	Yes	No	Yes				X
	cis-1,3-Dichloropropene	10061-01-5	0	83	0%	5.4E-03	NA	1.0E+02	No	Yes	No	Yes				X
	Dibromomethane	74-95-3	0	35	0%	6.6E-03	NA	1.5E+03	No	Yes	No	Yes				X
	Dichlorodifluoromethane	75-71-8	14	35	40%	9.7E-03	1.6E-02	3.0E+04	No	Yes	Yes	No				X
	Dichloromethane	75-09-2	34	68	50%	4.9E-03	1.3E-02	1.4E+03	No	Yes	Yes	No				X
	Ethyl Methacrylate	97-63-2	0	20	0%	5.0E-02	NA	1.3E+04	No	Yes	No	Yes				X
	Ethylbenzene	100-41-4	4	68	6%	6.0E-03	2.7E-01	1.5E+04	No	Yes	Yes	No				X
	Ethylene dibromide (EDB)	106-93-4	0	68	0%	7.8E-03	NA	1.2E-01	No	Yes	No	Yes				X
	Edificite distribute (EBB)	110-54-3	0	33	0%	8.6E-03	NA	9.0E+03								X

Human Health Risk Assessment for Ogden, Utah

					DATA					COPC SE	LECTION S	TEPS			Sedimen	t COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Sediment RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Iodomethane	74-88-4	0	20	0%	1.0E-02	NA		No	No					X		
	Isobutyl Alcohol	78-83-1	0	22	0%	9.8E-02	NA	4.5E+04	No	Yes	No	Yes					X
	Isopropylbenzene	98-82-8	4	30	13%	2.0E-03	4.0E-02	1.5E+04	No	Yes	Yes		No				X
	Methacrylonitrile	126-98-7	0	53	0%	1.4E-02	NA	1.5E+01	No	Yes	No	Yes					X
	Methyl ethyl ketone (MEK)	78-93-3	20	49	41%	1.0E-02	6.0E-02	9.0E+04	No	Yes	Yes		No				X
	Methyl isobutyl ketone (MIBK)	108-10-1	1	68	1%	1.2E-02	6.4E-03	1.2E+04	No	Yes	Yes		No				X
જ	Methyl Metharcylate	80-62-6	0	20	0%	1.0E-02	NA	2.1E+05	No	Yes	No	Yes					X
8	Methyl-t-butyl ether	1634-04-4	1	15	7%	2.1E-03	2.1E-03	2.6E+03	No	Yes	Yes		No				X
Š	n-Butylbenzene	104-51-8	0	15	0%	2.0E-03	NA	6.0E+03	No	Yes	No	Yes					X
spe	n-Propylbenzene	103-65-1	1	15	7%	2.0E-03	2.4E-02	6.0E+03	No	Yes	Yes		No				X
<u> </u>	o-Xylene	95-47-6	1	15	7%	2.0E-03	8.1E-02	3.0E+05	No	Yes	Yes		No				X
盲	sec-Butylbenzene	135-98-8	1	15	7%	2.0E-03	3.3E-03	6.0E+03	No	Yes	Yes		No				X
	Styrene	100-42-5	0	68	0%	6.1E-03	NA	3.0E+04	No	Yes	No	Yes					X
nic	tert-Butylbenzene	98-06-6	0	15	0%	2.0E-03	NA	6.0E+03	No	Yes	No	Yes					X
rg E	Tetrachloroethene	127-18-4	0	68	0%	6.1E-03	NA	2.0E+02	No	Yes	No	Yes					X
0	Toluene	108-88-3	29	68	43%	7.2E-03	1.9E+00	3.0E+04	No	Yes	Yes		No				X
ıtile	trans-1,2-Dichloroethene	156-60-5	0	48	0%	7.6E-03	NA	3.0E+03	No	Yes	No	Yes					X
,0 10	trans-1,3-Dichloropropene	10061-02-6	0	68	0%	6.1E-03	NA	1.0E+02	No	Yes	No	Yes					X
_	trans-1,4-Dichloro-2-Butene	110-57-6	0	20	0%	1.0E-02	NA	1.1E+00	No	Yes	No	Yes					X
	Trichloroethene	79-01-6	0	68	0%	6.1E-03	NA	4.5E+01	No	Yes	No	Yes					X
	Trichlorofluoromethane	75-69-4	0	68	0%	1.0E-02	NA	4.5E+04	No	Yes	No	Yes					X
	Vinyl Acetate	108-05-4	0	53	0%	9.5E-03	NA	1.5E+05	No	Yes	No	Yes					X
	Vinyl Chloride	75-01-4	0	68	0%	1.2E-02	NA	7.5E+00	No	Yes	No	Yes		·			X
	Xylenes (Total)	1330-20-7	5	53	9%	1.9E-02	1.3E-01	3.0E+05	No	Yes	Yes		No				X
	Xylenes-p,m	179601-23-1	1	15	7%	2.0E-03	5.1E-02	3.0E+05	No	Yes	Yes		No				X

TOTAL 7 19 1 178

Appendix C5.3 COPC Screen for PCB Congeners in Sediment

AOI	StationID	ActivityType	e Medium	AnalyteName	Units	Conc	TEF-Mammal	TEQ	Sample TEQ	RBC	COPC?
AOI 33	21SP-04R	Sample	Sediment	PCB-81	ppt	5.85	0.0001	0.000585			
AOI 33	21SP-04R	Sample	Sediment	PCB-169	ppt	9.8	0.01	0.098			
AOI 33	21SP-04R	Sample	Sediment	PCB-123	ppt	13.8	0.0001	0.00138			
AOI 33	21SP-04R	Sample	Sediment	PCB-126	ppt	44.8	0.1	4.48			
AOI 33	21SP-04R	Sample	Sediment	PCB-77	ppt	155	0.0001	0.0155			
AOI 33	21SP-04R	Sample	Sediment	PCB-114	ppt	173	0.0005	0.0865			
AOI 33	21SP-04R	Sample	Sediment	PCB-157	ppt	307	0.0005	0.1535			
AOI 33	21SP-04R	Sample	Sediment	PCB-189	ppt	454	0.0001	0.0454			
AOI 33	21SP-04R	Sample	Sediment	PCB-167	ppt	902	0.00001	0.00902			
AOI 33	21SP-04R	Sample	Sediment	PCB-156	ppt	2320	0.0005	1.16			
AOI 33	21SP-04R	Sample	Sediment	PCB-105	ppt	2560	0.0001	0.256			
AOI 33	21SP-04R	Sample	Sediment	PCB-118	ppt	7240	0.0001	0.724	7.03	69.96	NO
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-81	ppt	0.965	0.0001	0.0000965			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-77	ppt	29.9	0.0001	0.00299			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-123	ppt	4.835	0.0001	0.0004835			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-118	ppt	304	0.0001	0.0304			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-114	ppt	4.835	0.0005	0.0024175			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-105	ppt	135	0.0001	0.0135			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-126	ppt	4.835	0.1	0.4835			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-167	ppt	9.65	0.00001	0.0000965			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-156	ppt	43.1	0.0005	0.02155			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-157	ppt	9.65	0.0005	0.004825			
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-169	ppt	9.65	0.01	0.0965	0.55		110
Buena Ventura Park Pond	BVPP-08B	Sample	Sediment	PCB-189	ppt	9.65	0.0001	0.000965	0.66	69.96	NO
Ogden River	OGR-01B	Sample	Sediment	PCB-81	ppt	0.95	0.0001	0.000095			
Ogden River	OGR-01B	Sample	Sediment	PCB-77	ppt	32.1	0.0001	0.00321			
Ogden River	OGR-01B	Sample	Sediment	PCB-123	ppt	4.74	0.0001	0.000474			
Ogden River	OGR-01B	Sample	Sediment	PCB-118	ppt	272	0.0001	0.0272			
Ogden River	OGR-01B	Sample	Sediment	PCB-114	ppt	4.74	0.0005	0.00237			
Ogden River	OGR-01B	Sample	Sediment	PCB-105	ppt	117	0.0001	0.0117			
Ogden River	OGR-01B	Sample	Sediment	PCB-126	ppt	4.74	0.1	0.474			
Ogden River	OGR-01B	Sample	Sediment	PCB-167	ppt	9.5	0.00001	0.000095			
Ogden River	OGR-01B	Sample	Sediment	PCB-156	ppt	25.2	0.0005	0.0126			
Ogden River	OGR-01B	Sample	Sediment	PCB-157	ppt	9.5	0.0005	0.00475			
Ogden River	OGR-01B	Sample	Sediment	PCB-169	ppt	9.5	0.01	0.095	0.62	60.06	NO
Ogden River	OGR-01B	Sample	Sediment	PCB-189	ppt	9.5	0.0001	0.00095	0.63	69.96	NO
Ogden River	OGR-02B	Sample	Sediment	PCB-81	ppt	0.985	0.0001	0.0000985			
Ogden River	OGR-02B	Sample	Sediment	PCB-77	ppt	133	0.0001	0.0133			
Ogden River	OGR-02B	Sample	Sediment	PCB-123	ppt	4.93	0.0001	0.000493			
Ogden River	OGR-02B	Sample	Sediment	PCB-118	ppt	5420	0.0001	0.542			
Ogden River	OGR-02B	Sample	Sediment	PCB-114	ppt	173	0.0005	0.0865			
Ogden River	OGR-02B	Sample	Sediment	PCB-105	ppt	2060	0.0001	0.206			
Ogden River	OGR-02B	Sample	Sediment	PCB-126	ppt	4.93	0.1	0.493 0.00129			
Ogden River	OGR-02B	Sample	Sediment	PCB-167	ppt	129 340	0.00001 0.0005				
Ogden River Ogden River	OGR-02B OGR-02B	Sample	Sediment Sediment	PCB-156 PCB-157	ppt	79.1	0.0005	0.17 0.03955			
Ogden River	OGR-02B	Sample	Sediment	PCB-157 PCB-169	ppt	9.85	0.0003	0.03933			
Ogden River	OGR-02B	Sample Sample	Sediment	PCB-189	ppt	9.85	0.001	0.000985	1.65	69.96	NO
Ogden River	OGR-02B		Sediment	PCB-81	ppt	0.915	0.0001	0.000983	1.03	09.90	NO
=		Sample			ppt						
Ogden River	OGR-03B OGR-03B	Sample	Sediment	PCB-77	ppt	65.2	0.0001	0.00652 0.002405			
Ogden River Ogden River	OGR-03B	Sample	Sediment Sediment	PCB-123 PCB-118	ppt	24.05 2990	0.0001 0.0001	0.002405			
Ogden River	OGR-03B	Sample Sample	Sediment	PCB-118 PCB-114	ppt	47.9	0.0001	0.2395			
Ogden River	OGR-03B	-	Sediment	PCB-114 PCB-105	ppt	673	0.0003	0.02393			
=		Sample			ppt						
Ogden River Ogden River	OGR-03B OGR-03B	Sample	Sediment	PCB-126 PCB-167	ppt	10.6 975	0.1 0.00001	1.06 0.00975			
Ogden River	OGR-03B	Sample Sample	Sediment Sediment	PCB-167 PCB-156	ppt	2060	0.00001	1.03			
•		-			ppt						
Ogden River Ogden River	OGR-03B OGR-03B	Sample	Sediment Sediment	PCB-157 PCB-169	ppt	163 9.15	0.0005 0.01	0.0815 0.0915			
Ogden River	OGR-03B	Sample	Sediment	PCB-169 PCB-189	ppt	504	0.001	0.0504	2 72	69.96	NO
Ogucii Kiver	OGK-03B	Sample	Scument	1 CD-189	ppt	JU4	0.0001	0.0304	2.72	07.70	NO

Appendix C5.3 COPC Screen for PCB Congeners in Sediment

AOI	StationID	ActivityType	Medium	AnalyteName	Units	Conc	TEF-Mammal	TEO	Sample TEQ	RBC	COPC?
Ogden River	OGR-03Ca	Sample	Sediment	PCB-81	ppt	0.97	0.0001	0.000097	Sample 122		0000
Ogden River	OGR-03Ca	Sample	Sediment	PCB-123	ppt	4.86	0.0001	0.000486			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-126	ppt	4.96	0.1	0.496			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-77	ppt	5.45	0.0001	0.000545			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-114	ppt	8.45	0.0005	0.004225			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-169	ppt	9.7	0.01	0.097			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-157	ppt	116	0.0005	0.058			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-105	ppt	217	0.0001	0.0217			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-189	ppt	618	0.0001	0.0618			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-167	ppt	861	0.00001	0.00861			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-156	ppt	1960	0.0005	0.98			
Ogden River	OGR-03Ca	Sample	Sediment	PCB-118	ppt	3090	0.0001	0.309	2.04	69.96	NO
Ogden River	OGR-05B	Sample	Sediment	PCB-81	ppt	0.98	0.0001	0.000098			
Ogden River	OGR-05B	Sample	Sediment	PCB-123	ppt	4.91	0.0001	0.000491			
Ogden River	OGR-05B	Sample	Sediment	PCB-126	ppt	4.91	0.1	0.491			
Ogden River	OGR-05B	Sample	Sediment	PCB-114	ppt	14.9	0.0005	0.00745			
Ogden River	OGR-05B	Sample	Sediment	PCB-77	ppt	8.1	0.0001	0.00081			
Ogden River	OGR-05B	Sample	Sediment	PCB-169	ppt	9.8	0.01	0.098			
Ogden River	OGR-05B	Sample	Sediment	PCB-157	ppt	44.1	0.0005	0.02205			
Ogden River	OGR-05B	Sample	Sediment	PCB-189	ppt	151	0.0001	0.0151			
Ogden River	OGR-05B	Sample	Sediment	PCB-105	ppt	194	0.0001	0.0194			
Ogden River	OGR-05B	Sample	Sediment	PCB-167	ppt	263	0.00001	0.00263			
Ogden River	OGR-05B	Sample	Sediment	PCB-156	ppt	532	0.0005	0.266			
Ogden River	OGR-05B	Sample	Sediment	PCB-118	ppt	922	0.0001	0.0922	1.02	69.96	NO

Appendix C5.4 COPC Screen for Groundwater

					DATA					COPC SE	LECTION S	ΓEPS		Groundwa	er COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/L)	Maximum Detected Conc (mg/L)	Residential Groundwater RBC (mg/L)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < Is Max Detect RBC? > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Aluminum	7429-90-5	1	1	100%	NA	7.0E-02	3.7E+00	No	Yes	Yes	No				X
	Antimony	7440-36-0	1	1	100%	NA	5.0E-02	1.5E-03	No	Yes	Yes	Yes	X			
	Arsenic	7440-38-2	197	435	45%	6.9E-03	1.4E-01	5.7E-05	No	Yes	Yes	Yes	X			
	Barium	7440-39-3	434	435	100%	3.4E-01	2.3E+00	2.6E-01	No	Yes	Yes	Yes	X			
	Cadmium	7440-43-9	96	430	22%	9.8E-04	1.7E-02	1.8E-03	No	Yes	Yes	Yes	X			
	Calcium	7440-70-2	44	44	100%	NA	1.8E+02		Yes							X
	Chromium	7440-47-3	147	431	34%	3.5E-03	9.4E-01	1.1E-02	No	Yes	Yes	Yes	X			
	Copper	7440-50-8	3	3	100%	NA	1.2E-02	1.5E-01	No	Yes	Yes	No				X
ics	Iron	7439-89-6	5	5	100%	NA	4.4E+00	1.1E+00	Yes							X
Inorganics	Lead	7439-92-1	142	434	33%	6.2E-03	1.6E+00	1.5E-02	No	Yes	Yes	Yes	X			
101	Magnesium	7439-95-4	44	44	100%	NA	5.0E+01		Yes							X
Ī	Manganese	7439-96-5	44	44	100%	NA	2.4E+00	7.3E-02	No	Yes	Yes	Yes	X			
	Mercury	7439-97-6	70	421	17%	1.3E-03	1.9E-03	1.1E-03	No	Yes	Yes	Yes	X			***
	Nickel	7440-02-0 7440-09-7	4	4 45	100%	NA	5.7E-02	7.3E-02	No	Yes	Yes	No				X
	Potassium Selenium	7440-09-7	45 140	45	33%	NA 1.4E-02	6.7E+01 4.6E-02	1.8E-02	Yes No	Yes	Yes	Yes	X			X
	Silver	7/82-49-2	97	430	23%	5.1E-03	4.6E-02 6.0E-01	1.8E-02 1.8E-02	No No	Yes	Yes	Yes	X			
	Sodium	7440-23-5	45	451	100%	3.1E-03 NA	2.6E+02	1.8E-02	Yes	i es	res	1 es	А			X
	Vanadium	7440-62-2	43	1	100%	NA NA	8.2E-03	2.6E-02	No	Yes	Yes	No				X
	Zinc	7440-66-6	5	5	100%	NA NA	1.8E-01	1.1E+00	No	Yes	Yes	No				X
	2-Chloronaphthalene	91-58-7	0	112	0%	2.7E-02	NA	2.9E-01	No	Yes	No	Yes				X
	2-Methylnaphthalene	91-57-6	103	441	23%	3.9E-03	6.9E+00	7.3E-02	No	Yes	Yes	Yes	X			
	Acenaphthene	83-32-9	249	492	51%	5.0E-03	1.1E+00	2.2E-01	No	Yes	Yes	Yes	X			
	Acenaphthylene	208-96-8	81	491	16%	8.5E-03	2.7E-02	7.3E-02	No	Yes	Yes	No	28			X
<u>s</u>	Aniline	62-53-3	0	321	0%	1.8E-03	NA	1.5E-02	No	Yes	No	Yes				X
Polyaromatic Hydrocarbons (PAHs)	Anthracene	120-12-7	137	487	28%	6.9E-03	9.4E-02	1.1E+00	No	Yes	Yes	No				X
5	Benzo[a]anthracene	56-55-3	44	489	9%	6.6E-03	1.3E-01	1.2E-04	No	Yes	Yes	Yes	X			
ous	Benzo[a]pyrene	50-32-8	25	489	5%	7.2E-03	7.3E-02	1.2E-05	No	Yes	Yes	Yes	X			
Ę	Benzo[b]fluoranthene	205-99-2	24	489	5%	7.5E-03	8.3E-02	1.2E-04	No	Yes	Yes	Yes	X			
50	Benzo[g,h,i]perylene	191-24-2	21	489	4%	8.0E-03	1.0E-02	7.3E-02	No	Yes	Yes	No				X
γ	Benzo[k]fluoranthene	207-08-9	22	489	4%	7.5E-03	3.8E-02	1.2E-03	No	Yes	Yes	Yes	X			
C H	Chrysene	218-01-9	47	489	10%	6.3E-03	1.5E-01	1.2E-02	No	Yes	Yes	Yes	X			
nati	Dibenz[a,h]anthracene	53-70-3	10	489	2%	7.7E-03	2.0E-03	1.2E-05	No	Yes	Yes	Yes	X			
6	Dibenzofuran	132-64-9	18	112	16%	2.3E-02	1.3E-01	1.5E-02	No	Yes	Yes	Yes	X			
<u>v</u>	Fluoranthene	206-44-0	116	488	24%	6.4E-03	3.1E-01	1.5E-01	No	Yes	Yes	Yes	X			
Po	Fluorene	86-73-7	214	491	44%	4.1E-03	1.3E+00	1.5E-01	No	Yes	Yes	Yes	X			
	Indeno[1,2,3-c,d]pyrene	193-39-5	15	489	3%	7.8E-03	9.0E-03	1.2E-04	No	Yes	Yes	Yes	X			
	Naphthalene	91-20-3	136	504	27%	6.2E-03	6.9E+00	7.3E-02	No	Yes	Yes	Yes	X			
	Phenanthrene	85-01-8	157	487	32%	3.4E-03	2.3E+00	7.3E-02	No	Yes	Yes	Yes	X			
	Pyrene	129-00-0	139	490	28%	5.1E-03	4.2E-01	1.1E-01	No	Yes	Yes	Yes	X			
₽ ©	Aroclor-1016	12674-11-2	1	34	3%	8.2E-02	4.2E-05	2.6E-04	No	Yes	Yes	No				X
C ge	Aroclor-1221	11104-28-2	0	30	0%	9.0E-02	NA	4.3E-05	No	Yes	No	No			X	
Polychlorinated Biphenyls (PCBs)	Aroclor-1232	11141-16-5	0	30	0%	9.0E-02	NA	4.3E-05	No	Yes	No	No			X	
e di A	Aroclor-1242	53469-21-9	0	30	0%	9.0E-02	NA	4.3E-05	No	Yes	No	No No			X	
olyc	Aroclor-1248	12672-29-6	0	30	0%	9.0E-02	NA	4.3E-05	No	Yes	No	No			X	
P. Bip	Aroclor-1254	11097-69-1	0	30	0%	9.0E-02	NA 1 OF OA	4.3E-05	No	Yes	No	No	W7		X	
	Aroclor-1260	11096-82-5	1	34	3%	8.2E-02	1.0E-04	4.3E-05	No	Yes	Yes	Yes	X	1		
Petroleum Hydro- carbons	Diesel fuel	68476-34-6	101	236	43%	3.8E-01	4.3E+02		No	No				X		
etrol Hyd carbo	Gasoline	8006-61-9	9	11	82%	5.0E-02	4.1E+01		No	No				X		
1	Oil and Grease	Oil/Grease	2	2	100%	NA	1.1E+01	NA	No	No				X		

Appendix C5.4 COPC Screen for Groundwater

					DATA					COPC SE	LECTION S	TEPS			Groundwa	ter COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/L)	Maximum Detected Conc (mg/L)	Residential Groundwater RBC (mg/L)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	1,2,4-Trichlorobenzene	120-82-1	0	433	0%	8.4E-03	NA	3.7E-02	No	Yes	No	Yes					X
	1,2-Dichlorobenzene	95-50-1	32	434	7%	8.6E-03	4.8E-02	3.3E-01	No	Yes	Yes		No				X
	1,3-Dichlorobenzene	541-73-1	0	112	0%	2.7E-02	NA	1.1E-01	No	Yes	No	Yes					X
	1,4-Dichlorobenzene	106-46-7	24	433	6%	8.5E-03	1.4E-02	3.5E-03	No	Yes	Yes		Yes	X			
	1-Methylnaphthalene	90-12-0	4	8	50%	2.0E-03	4.3E-02		No	No					X		
	2,4,5-Trichlorophenol	95-95-4	0	112	0%	6.6E-02	NA	3.7E-01	No	Yes	No	Yes					X
	2,4,6-Trichlorophenol	88-06-2	0	112	0%	2.7E-02	NA	7.7E-03	No	Yes	No	No				X	
	2,4-Dichlorophenol	120-83-2	0	112	0%	2.7E-02	NA	1.1E-02	No	Yes	No	No				X	
	2,4-Dimethylphenol	105-67-9	16	434	4%	8.2E-03	2.5E-02	7.3E-02	No	Yes	Yes		No				X
	2,4-Dinitrophenol	51-28-5	0	112	0%	6.6E-02	NA	7.3E-03	No	Yes	No	No				X	
	2,4-Dinitrotoluene	121-14-2	0	433	0%	8.1E-03	NA	7.3E-03	No	Yes	No	No	***	*7		X	
	2,6-Dinitrotoluene	606-20-2	1	436	0%	7.6E-03	7.4E-03	3.7E-03	No	Yes	Yes	N.	Yes	X		w/	
	2-Chlorophenol	95-57-8	0	112	0%	2.7E-02	NA 1 IF 02	1.8E-02	No	Yes	No	No	N			X	***
	2-Methylphenol (o-Cresol)	95-48-7	5	434	1%	8.2E-03	1.1E-03	1.8E-01	No	Yes	Yes	N.	No			**	X
	2-Nitroaniline	88-74-4	0	112	0%	6.6E-02	NA	2.1E-04	No	Yes	No	No			v	X	
Compounds (SVOCs)	2-Nitrophenol	88-75-5	0	112	0%	2.7E-02	NA NA	1.05.04	No	No	Nr.	NT.			X	N/	
0.0	3,3'-Dichlorobenzidine	91-94-1	0	427	0%	8.6E-03	NA NA	1.9E-04	No	Yes	No	No				X	
S	3-Nitroaniline	99-09-2	0	112	0%	6.6E-02	NA 5 OF O2	1.1E-03	No	Yes	No	No	V	W/		X	
spu	4,6-Dinitro-o-cresol 4-Chloro-3-Methylphenol	534-52-1 59-50-7	3	431 112	1%	2.5E-02	5.0E-03	3.7E-04	No No	Yes	Yes		Yes	X	X	 	
ΠO		106-47-8		112		2.7E-02 2.7E-02	NA	 1.5E.02	No No	No		27			А	**	
ď	4-Chloroaniline		0		0%		NA	1.5E-02		Yes	No	No			v	X	
రి	4-Chlorophenyl-phenylether	7005-72-3 106-44-5	0	112 433	0% 3%	2.7E-02 8.3E-03	NA 2.3E-02	1.8E-02	No No	No	Vaa		Van	v	X		
Semi-Volatile Organic	4-Methylphenol (p-Cresol)	100-44-5	15 0	112	0%	6.6E-02	2.3E-02 NA	1.8E-02 4.3E-03	No No	Yes	Yes No	NT.	Yes	X		X	
	4-Nitroaniline 4-Nitrophenol	100-01-6	0	112		6.6E-02		4.3E-03 2.9E-02		Yes	No	No No				X	
ō	bis(2-Chloroethoxy)methane	111-91-1	-		0%		NA NA		No No	Yes	NO	NO			X	А	
tije		111-91-1	3	112 433		2.7E-02	NA 1.0E-03	7.7E-05		No	X7		37	X	Λ		
ola	bis(2-Chloroethyl)ether	108-60-1	0	433	1% 0%	8.2E-03 8.7E-03	1.0E-03 NA	1.2E-03	No No	Yes Yes	Yes	No	Yes	А		X	
, <u>-</u> i	bis(2-Chloroisopropyl)ether bis(2-Ethylhexyl)phthalate	117-81-7	146	438	33%	5.3E-03	5.1E-01	6.1E-03	No	Yes	No Yes	NO	Yes	X		А	
en	bis(n-octyl)phthalate	117-84-0	3	432	1%	8.1E-03	2.5E-02	7.3E-02	No	Yes	Yes		No	А			X
• • •	Butylbenzylphthalate	85-68-7	64	433	15%	9.2E-03	1.0E-03	7.3E-01	No	Yes	Yes		No				X
	Carbazole	86-74-8	68	432	16%	1.1E-02	5.1E-02	4.3E-03	No	Yes	Yes		Yes	X			
	Dibutylphthalate	84-74-2	83	435	19%	8.1E-03	2.6E-02	3.7E-01	No	Yes	Yes		No	2%			X
	Diethylphthalate	84-66-2	49	435	11%	8.7E-03	1.5E-02	2.9E+00	No	Yes	Yes		No				X
	Dimethylphthalate	131-11-3	0	112	0%	2.7E-02	NA	3.7E+01	No	Yes	No	Yes	110				X
	Hexachlorobenzene	118-74-1	0	431	0%	8.2E-03	NA	5.3E-05	No	Yes	No	No				X	
	Hexachlorobutadiene	87-68-3	0	433	0%	8.4E-03	NA	7.3E-04	No	Yes	No	No				X	
	Hexachlorocyclopentadiene	77-47-4	0	112	0%	2.7E-02	NA	2.2E-02	No	Yes	No	No				X	
	Hexachloroethane	67-72-1	0	434	0%	8.4E-03	NA	3.7E-03	No	Yes	No	No				X	
	Isophorone	78-59-1	0	112	0%	2.7E-02	NA	9.0E-02	No	Yes	No	Yes					X
	Nitrobenzene	98-95-3	1	433	0%	8.1E-03	2.0E-05	1.8E-03	No	Yes	Yes		No			1	X
	N-Nitrosodiphenylamine	86-30-6	0	112	0%	2.7E-02	NA	1.7E-02	No	Yes	No	No				X	
	n-Nitrosodipropylamine	621-64-7	1	436	0%	8.1E-03	1.0E-03	1.2E-05	No	Yes	Yes		Yes	X			
	Pentachlorophenol (PCP)	87-86-5	25	433	6%	1.9E-02	7.0E-03	7.1E-04	No	Yes	Yes		Yes	X			
	Phenol	108-95-2	62	428	14%	8.8E-03	8.8E-03	1.1E+00	No	Yes	Yes		No				X
	1,1,1,2-Tetrachloroethane	630-20-6	0	141	0%	2.9E-02	NA	3.3E-03	No	Yes	No	No				X	
(S)	1,1,1-Trichloroethane	71-55-6	49	502	10%	5.0E-03	4.1E+00	1.0E+00	No	Yes	Yes		Yes	X			
Volatile Organic Compounds (VOCs)	1,1,2,2-Tetrachloroethane	79-34-5	0	499	0%	5.4E-03	NA	4.3E-04	No	Yes	No	No				X	
Š	1,1,2-Trichloroethane	79-00-5	11	489	2%	5.6E-03	4.0E-03	1.5E-03	No	Yes	Yes		Yes	X			
spu	1,1-Dichloroethane	75-34-3	173	504	34%	5.2E-03	2.0E+00	3.7E-01	No	Yes	Yes		Yes	X			
Ē	1,2,3-Trichloropropane	96-18-4	2	499	0%	9.7E-03	1.5E-02	4.3E-05	No	Yes	Yes		Yes	X			
фш	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0	316	0%	1.4E-02	NA	6.1E-05	No	Yes	No	No				X	
ప	1,2-Dichloroethane	107-06-2	5	499	1%	5.5E-03	2.0E-03	9.4E-04	No	Yes	Yes		Yes	X			
nic	1,2-Dichloroethene	540-59-0	168	502	33%	6.0E-03	5.3E+00	3.3E-02	No	Yes	Yes		Yes	X			
80	1,2-Dichloropropane	78-87-5	0	500	0%	5.4E-03	NA	1.3E-03	No	Yes	No	No				X	
ō	1,4-Dioxane	123-91-1	0	166	0%	7.6E-01	NA	7.7E-03	No	Yes	No	No				X	
ij	2-Chloro-1,3-butadiene (Chloroprene)	126-99-8	0	141	0%	2.9E-02	NA	7.3E-02	No	Yes	No	Yes					X
`ola	2-Chloroethyl vinyl ether	110-75-8	0	312	0%	1.6E-02	NA		No	No		1			X		
-	2-Hexanone	591-78-6	2	490	0%	1.1E-02	3.0E-03	1.5E-01	No	Yes	Yes		No				X
	3-Chloropropene (Allyl Chloride)	107-05-1	0	141	0%	2.9E-02	NA		No	No					X		

Appendix C5.4 COPC Screen for Groundwater

Human Health Risk Assessment for Ogden, Utah

					DATA					COPC SE	LECTION S	TEPS			Groundwa	ter COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/L)	Maximum Detected Conc (mg/L)	Residential Groundwater RBC (mg/L)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Acetone	67-64-1	54	413	13%	1.1E-02	1.0E+01	3.7E-01	No	Yes	Yes		Yes	X			
	Acetonitrile	75-05-8	0	500	0%	4.9E-02	NA	6.2E-02	No	Yes	No	Yes					X
	Acrolein	107-02-8	0	240	0%	1.2E-01	NA	7.3E-02	No	Yes	No	No				X	
	Acrylonitrile	107-13-1	0	474	0%	4.7E-02	NA	1.6E-04	No	Yes	No	No				X	
	Benzene	71-43-2	203	527	39%	5.1E-03	1.3E+00	1.5E-03	No	Yes	Yes		Yes	X			
	Bromodichloromethane	75-27-4	0	499	0%	5.4E-03	NA	1.4E-03	No	Yes	No	No				X	
	Bromoform	75-25-2	0	500	0%	5.4E-03	NA	1.1E-02	No	Yes	No	Yes					X
	Bromomethane (Methyl bromide)	74-83-9	3	500	1%	7.2E-03	5.0E-03	5.1E-03	No	Yes	Yes		No				X
	Carbon Disulfide	75-15-0	10	499	2%	5.5E-03	6.8E-03	3.7E-01	No	Yes	Yes		No				X
	Carbon Tetrachloride	56-23-5	0	493	0%	5.5E-03	NA	6.6E-04	No	Yes	No	No				X	
	Chlorobenzene	108-90-7	27	499	5%	5.6E-03	2.6E-02	7.3E-02	No	Yes	Yes		No				X
	Chlorodibromomethane	124-48-1	1	499	0%	5.5E-03	3.0E-03	1.0E-03	No	Yes	Yes		Yes	X			
	Chloroethane (Ethyl chloride)	75-00-3	93	501	19%	7.4E-03	2.3E-01	2.9E-02	No	Yes	Yes		Yes	X			
	Chloroform	67-66-3	2	500	0%	5.4E-03	7.7E-03	3.7E-02	No	Yes	Yes		No				X
	Chloromethane (Methyl chloride)	74-87-3	3	499	1%	7.7E-03	1.0E-02	6.6E-03	No	Yes	Yes		Yes	X			
_	cis-1,2-Dichloroethene	156-59-2	111	357	31%	2.0E-03	5.2E+00	3.7E-02	No	Yes	Yes		Yes	X			
(VOCs)	cis-1,3-Dichloropropene	10061-01-5	0	499	0%	5.4E-03	NA	8.5E-04	No	Yes	No	No				X	
Λ0	Dibromomethane	74-95-3	0	141	0%	2.9E-02	NA	3.7E-02	No	Yes	No	Yes					X
ls (Dichlorodifluoromethane	75-71-8	0	141	0%	2.9E-02	NA	7.3E-01	No	Yes	No	Yes					X
iii d	Dichloromethane	75-09-2	101	505	20%	3.8E-03	8.7E+00	1.1E-02	No	Yes	Yes		Yes	X			
Compounds	Ethane	74-84-0	0	39	0%	3.0E+00	NA		No	No					X		
O	Ethyl Methacrylate	97-63-2	0	141	0%	1.5E-01	NA	3.3E-01	No	Yes	No	Yes					X
	Ethylbenzene	100-41-4	97	522	19%	4.4E-03	2.2E+00	3.7E-01	No	Yes	Yes		Yes	X			
Volatile Organic	Ethylene dibromide (EDB)	106-93-4	0	493	0%	9.7E-03	NA	1.0E-06	No	Yes	No	No				X	
)rg	Hexane	110-54-3	5	359	1%	1.8E-03	2.0E-03	2.2E-01	No	Yes	Yes		No				X
le C	Iodomethane	74-88-4	0	141	0%	2.9E-02	NA		No	No					X		
ati	Isobutyl Alcohol	78-83-1	0	173	0%	2.5E-01	NA	1.1E+00	No	Yes	No	Yes					X
Vol	Methacrylonitrile	126-98-7	0	421	0%	1.6E-02	NA	3.7E-04	No	Yes	No	No				X	
	Methane	74-82-8	0	39	0%	2.0E+00	NA		No	No					X		
	Methyl ethyl ketone (MEK)	78-93-3	2	499	0%	1.1E-02	2.5E-03	2.2E+00	No	Yes	Yes		No				X
	Methyl isobutyl ketone (MIBK)	108-10-1	7	500	1%	1.1E-02	2.3E-02	2.9E-01	No	Yes	Yes		No				X
	Methyl Metharcylate	80-62-6	0	141	0%	2.9E-02	NA	5.1E+00	No	Yes	No	Yes					X
	Methyl-t-butyl ether (MTBE)	1634-04-4	0	3	0%	1.2E-02	NA	2.1E-02	No	Yes	No	Yes					X
	Styrene	100-42-5	14	498	3%	5.6E-03	7.0E-03	7.3E-01	No	Yes	Yes		No				X
	Tetrachloroethene	127-18-4	21	501	4%	5.6E-03	1.0E-02	1.6E-03	No	Yes	Yes		Yes	X			
	Toluene	108-88-3	96	524	18%	4.4E-03	2.8E+00	7.3E-01	No	Yes	Yes		Yes	X			
	trans-1,2-Dichloroethene	156-60-5	27	356	8%	1.9E-03	5.0E-02	7.3E-02	No	Yes	Yes		No				X
	trans-1,3-Dichloropropene	10061-02-6	0	500	0%	5.4E-03	NA	8.5E-04	No	Yes	No	No				X	
	trans-1,4-Dichloro-2-Butene	110-57-6	0	141	0%	2.9E-02	NA	9.2E-06	No	Yes	No	No				X	
	Trichloroethene	79-01-6	42	500	8%	5.7E-03	4.3E-01	1.1E-03	No	Yes	Yes		Yes	X			
	Trichlorofluoromethane	75-69-4	0	499	0%	7.1E-03	NA	1.1E+00	No	Yes	No	Yes					X
	Vinyl Acetate	108-05-4	0	500	0%	1.0E-02	NA	3.7E+00	No	Yes	No	Yes					X
	Vinyl Chloride	75-01-4	234	575	41%	6.4E-03	3.1E+00	6.1E-05	No	Yes	Yes		Yes	X			
	Xylenes (Total)	1330-20-7	128	523	24%	6.3E-03	7.9E+00	7.3E+00	No	Yes	Yes		Yes	X	1		-

TOTAL 54 13 36 51



Appendix C5.5 COPC Screen for Fish Tissue

					DATA	1				COPC SE	LECTION ST	TEPS			Fish Tiss	ue COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg ww)	Maximum Detected Conc (mg/kg ww)	Recreational Visitor Fish RBC (mg/kg ww)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	2-Chloronaphthalene	91-58-7	0	29	0%	2.0E+00	NA	5.8E+01	No	Yes	No	Yes					X
	2-Methylnaphthalene	91-57-6	0	29	0%	2.0E+00	NA	1.5E+01	No	Yes	No	Yes					X
	Acenaphthene	83-32-9	1	34	3%	1.8E+00	5.6E-01	4.4E+01	No	Yes	Yes		No				X
<u>\$</u>	Acenaphthylene	208-96-8	0	34	0%	1.8E+00	NA	1.5E+01	No	Yes	No	Yes					X
(PAHs)	Anthracene	120-12-7	0	34	0%	1.8E+00	NA	2.2E+02	No	Yes	No	Yes					X
<u>a</u>	Benzo[a]anthracene	56-55-3	0	34	0%	1.8E+00	NA	2.3E-02	No	Yes	No	No				X	
arbons	Benzo[a]pyrene	50-32-8	0	34	0%	1.8E+00	NA	2.3E-03	No	Yes	No	No				X	
Ę	Benzo[b]fluoranthene	205-99-2	0	34	0%	1.8E+00	NA	2.3E-02	No	Yes	No	No				X	
96	Benzo[g,h,i]perylene	191-24-2	0	34	0%	1.8E+00	NA	1.5E+01	No	Yes	No	Yes					X
Hydroca	Benzo[k]fluoranthene	207-08-9	0	34	0%	1.8E+00	NA	2.3E-01	No	Yes	No	No				X	
H	Chrysene	218-01-9	0	34	0%	1.8E+00	NA	2.3E+00	No	Yes	No	Yes					X
aţi.	Dibenz[a,h]anthracene	53-70-3	0	34	0%	1.8E+00	NA	2.3E-03	No	Yes	No	No				X	
E O	Dibenzofuran	132-64-9	0	29	0%	2.0E+00	NA	2.9E+00	No	Yes	No	Yes					X
Polyaromatic	Fluoranthene	206-44-0	0	34	0%	1.8E+00	NA	2.9E+01	No	Yes	No	Yes					X
5	Fluorene	86-73-7	0	34	0%	1.8E+00	NA	2.9E+01	No	Yes	No	Yes					X
	Indeno[1,2,3-c,d]pyrene	193-39-5	0	34	0%	1.8E+00	NA	2.3E-02	No	Yes	No	No				X	
	Naphthalene	91-20-3	0	34	0%	1.8E+00	NA	1.5E+01	No	Yes	No	Yes					X
	Phenanthrene	85-01-8	0	34	0%	1.8E+00	NA	1.5E+01	No	Yes	No	Yes					X
	Pyrene	129-00-0	0	34	0%	1.8E+00	NA	2.2E+01	No	Yes	No	Yes					X
	Aroclor-1016	12674-11-2	0	29	0%	4.0E-02	NA	5.1E-02	No	Yes	No	Yes					X
2 <u>8</u>	Aroclor-1221	11104-28-2	0	29	0%	8.4E-02	NA	8.5E-03	No	Yes	No	No				X	
E E	Aroclor-1232	11141-16-5	0	29	0%	4.0E-02	NA	8.5E-03	No	Yes	No	No				X	
is (Aroclor-1242	53469-21-9	0	29	0%	4.0E-02	NA	8.5E-03	No	Yes	No	No				X	
eng G	Aroclor-1248	12672-29-6	0	29	0%	4.0E-02	NA	8.5E-03	No	Yes	No	No				X	
Polychlorinated Biphenyls (PCBs)	Aroclor-1254	11097-69-1	0	29	0%	4.0E-02	NA	8.5E-03	No	Yes	No	No				X	
_ a	Aroclor-1260	11096-82-5	28	29	97%	6.2E-02	1.9E+00	8.5E-03	No	Yes	Yes		Yes	X			
	Aroclor-1268	11100-14-4	0	28	0%	4.0E-02	NA	8.5E-03	No	Yes	No	No				X	
	4,4'-DDD	72-54-8	18	29	62%	4.1E-03	1.6E-02	7.1E-02	No	Yes	Yes		No				X
	4,4'-DDE	72-55-9	29	29	100%	NA	5.9E-01	5.0E-02	No	Yes	Yes		Yes	X			
	4,4'-DDT	50-29-3	1	29	3%	4.1E-03	2.7E-03	5.0E-02	No	Yes	Yes		No				X
	Aldrin	309-00-2	0	29	0%	4.1E-03	NA	1.0E-03	No	Yes	No	No				X	
	alpha-BHC	319-84-6	0	29	0%	4.1E-03	NA	2.7E-03	No	Yes	No	No				X	
	alpha-Chlordane	5103-71-9	0	29	0%	4.1E-03	NA	4.9E-02	No	Yes	No	Yes					X
	beta-BHC	319-85-7	0	29	0%	4.1E-03	NA	9.5E-03	No	Yes	No	Yes					X
	delta-BHC	319-86-8	0	29	0%	4.1E-03	NA	1.3E-02	No	Yes	No	Yes					X
83	Dieldrin	60-57-1	0	29	0%	4.1E-03	NA	1.1E-03	No	Yes	No	No				X	
id	Endosulfan I	959-98-8	0	29	0%	4.1E-03	NA	4.4E+00	No	Yes	No	Yes	1				X
Pesticides	Endosulfan II	33213-65-9	0	29	0%	4.1E-03	NA	4.4E+00	No	Yes	No	Yes					X
F.	Endosulfan Sulfate	1031-07-8	0	29	0%	4.1E-03	NA	4.4E+00	No	Yes	No	Yes	1				X
	Endrin	72-20-8	0	29	0%	4.1E-03	NA	2.2E-01	No	Yes	No	Yes	1		v		X
	Endrin Aldehyde	7421-93-4	0	29	0%	4.1E-03	NA		No	No					X		
	Endrin ketone	53494-70-5	0	29	0%	4.1E-03	NA	1.25.02	No	No	N	v	1		X		v
I	gamma-BHC	58-89-9	0	29	0%	4.1E-03	NA	1.3E-02	No	Yes	No	Yes	N-				X
	gamma-Chlordane	5566-34-7	2	29	7%	4.1E-03	2.0E-02	4.9E-02	No	Yes	Yes	2.7	No			v	A
	Heptachlor	76-44-8	0	29	0%	4.1E-03	NA	3.8E-03	No	Yes	No	No				X	1
	Heptachlor Epoxide	1024-57-3	0	29	0%	4.1E-03	NA	1.9E-03	No	Yes	No	No	1			X	v
	Methoxychlor	72-43-5	0	29	0%	4.1E-03	NA	3.7E+00	No	Yes	No	Yes				v	X
	Toxaphene	8001-35-2	0	29	0%	8.4E-02	NA	1.5E-02	No	Yes	No	No				X	

Appendix C5.5 COPC Screen for Fish Tissue

Human Health Risk Assessment for Ogden, Utah

					DATA				COPC SELECTION STEPS					Fish Tissue COPCs				
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg ww)	Maximum Detected Conc (mg/kg ww)	Recreational Visitor Fish RBC (mg/kg ww)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC	
	1,2,4-Trichlorobenzene	120-82-1	0	29	0%	2.0E+00	NA	7.3E+00	No	Yes	No	Yes					X	
	1,2-Dichlorobenzene	95-50-1	0	29	0%	2.0E+00	NA	6.6E+01	No	Yes	No	Yes					X	
	1,3-Dichlorobenzene	541-73-1	0	29	0%	2.0E+00	NA	2.2E+01	No	Yes	No	Yes					X	
	1,4-Dichlorobenzene	106-46-7	0	29	0%	2.0E+00	NA	7.1E-01	No	Yes	No	No				X		
	2,4,5-Trichlorophenol	95-95-4	0	29	0%	2.0E+00	NA	7.3E+01	No	Yes	No	Yes					X	
	2,4,6-Trichlorophenol	88-06-2	0	29	0%	2.0E+00	NA	1.5E+00	No	Yes	No	No				X		
	2,4-Dichlorophenol	120-83-2	0	29	0%	2.0E+00	NA	2.2E+00	No	Yes	No	Yes					X	
	2,4-Dimethylphenol	105-67-9	0	29	0%	2.0E+00	NA	1.5E+01	No	Yes	No	Yes					X	
	2,4-Dinitrophenol	51-28-5	0	29	0%	2.0E+00	NA	1.5E+00	No	Yes	No	No				X		
	2,4-Dinitrotoluene	121-14-2	0	29	0%	2.0E+00	NA	1.5E+00	No	Yes	No	No				X		
	2,6-Dinitrotoluene	606-20-2	0	29	0%	2.0E+00	NA	7.3E-01	No	Yes	No	No				X		
	2-Chlorophenol	95-57-8	0	29	0%	2.0E+00	NA	3.7E+00	No	Yes	No	Yes					X	
	2-Methylphenol (o-Cresol)	95-48-7	0	29	0%	2.0E+00	NA	3.7E+01	No	Yes	No	Yes					X	
	2-Nitroaniline	88-74-4	0	29	0%	2.0E+00	NA	4.2E-02	No	Yes	No	No				X		
	2-Nitrophenol	88-75-5	0	29	0%	2.0E+00	NA		No	No					X			
_	3,3'-Dichlorobenzidine	91-94-1	0	29	0%	2.0E+00	NA	3.8E-02	No	Yes	No	No				X		
్ద	3-Nitroaniline	99-09-2	0	29	0%	2.0E+00	NA	2.2E-01	No	Yes	No	No				X		
× C	4,6-Dinitro-o-cresol	534-52-1	0	29	0%	2.0E+00	NA	7.3E-02	No	Yes	No	No				X		
s)	4-Bromophenyl-phenylether	101-55-3	0	29	0%	2.0E+00	NA		No	No					X			
ğ	4-Chloro-3-Methylphenol	59-50-7	0	29	0%	2.0E+00	NA		No	No					X			
n oc	4-Chloroaniline	106-47-8	0	29	0%	2.0E+00	NA	2.9E+00	No	Yes	No	Yes					X	
Organic Compounds (SVOCs)	4-Chlorophenyl-phenylether	7005-72-3	0	29	0%	2.0E+00	NA		No	No					X			
ŏ	4-Methylphenol (p-Cresol)	106-44-5	0	29	0%	2.0E+00	NA	3.7E+00	No	Yes	No	Yes					X	
Ĭ	4-Nitroaniline	100-01-6	0	29	0%	2.0E+00	NA	8.5E-01	No	Yes	No	No				X		
50	4-Nitrophenol	100-02-7	0	29	0%	2.0E+00	NA	5.8E+00	No	Yes	No	Yes					X	
0 3	Benzyl alcohol	100-51-6	0	29	0%	2.0E+00	NA	2.2E+02	No	Yes	No	Yes					X	
Semi-Volatile	bis(2-Chloroethoxy)methane	111-91-1	0	29	0%	2.0E+00	NA		No	No					X			
, o	bis(2-Chloroethyl)ether	111-44-4	0	29	0%	2.0E+00	NA	1.5E-02	No	Yes	No	No				X		
1 -	bis(2-Chloroisopropyl)ether	108-60-1	0	29	0%	2.0E+00	NA	2.4E-01	No	Yes	No	No				X		
Sen	bis(2-Ethylhexyl)phthalate	117-81-7	22	29	76%	2.0E+00	2.7E+00	1.2E+00	No	Yes	Yes		Yes	X				
	bis(n-octyl)phthalate	117-84-0	0	29	0%	2.0E+00	NA	1.5E+01	No	Yes	No	Yes					X	
	Butylbenzylphthalate	85-68-7	0	29	0%	2.0E+00	NA	1.5E+02	No	Yes	No	Yes					X	
	Carbazole	86-74-8	0	29	0%	2.0E+00	NA	8.5E-01	No	Yes	No	No				X		
	Dibutylphthalate	84-74-2	1	29	3%	2.0E+00	1.1E+00	7.3E+01	No	Yes	Yes		No				X	
	Diethylphthalate	84-66-2	1	29	3%	2.0E+00	1.7E+00	5.8E+02	No	Yes	Yes		No				X	
	Dimethylphthalate	131-11-3	0	29	0%	2.0E+00	NA	7.3E+03	No	Yes	No	Yes					X	
	Hexachlorobenzene	118-74-1	0	29	0%	2.0E+00	NA	1.1E-02	No	Yes	No	No				X		
	Hexachlorobutadiene	87-68-3	0	29	0%	2.0E+00	NA	1.5E-01	No	Yes	No	No				X		
	Hexachlorocyclopentadiene	77-47-4	0	29	0%	2.0E+00	NA	4.4E+00	No	Yes	No	Yes					X	
	Hexachloroethane	67-72-1	0	29	0%	2.0E+00	NA	7.3E-01	No	Yes	No	No				X		
	Isophorone	78-59-1	0	29	0%	2.0E+00	NA	1.8E+01	No	Yes	No	Yes					X	
	Nitrobenzene	98-95-3	0	29	0%	2.0E+00	NA	3.7E-01	No	Yes	No	No				X		
1	N-Nitrosodiphenylamine	86-30-6	0	29	0%	2.0E+00	NA	3.5E+00	No	Yes	No	Yes					X	
1	n-Nitrosodipropylamine	621-64-7	0	29	0%	2.0E+00	NA	2.4E-03	No	Yes	No	No				X		
	Pentachlorophenol (PCP)	87-86-5	0	29	0%	2.0E+00	NA	1.4E-01	No	Yes	No	No				X		
	Phenol	108-95-2	0	30	0%	2.0E+00	NA	2.2E+02	No	Yes	No	Yes					X	

TOTAL 3 7 37 47

Appendix C5.6 COPC Screen for PCB Congeners in Fish Tissue

AOI	Location	Sample ID	Media	Matrix	Species Type	Parameter	Units	Conc ww	TEF-Mammal	TEQ	Sample TEQ	RBC	COPC?
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-105	ppt	570	0.0001	0.057		1	
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-114	ppt	44.1	0.0005	0.02205			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-118	ppt	2310	0.0001	0.231			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-123	ppt	10.95	0.0001	0.001095			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-126	ppt	23.3	0.1	2.33			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-156	ppt	718	0.0005	0.359			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-157	ppt	84.2	0.0005	0.0421			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-167	ppt	429	0.00001	0.00429			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-169	ppt	9.65	0.01	0.0965			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-189	ppt	156	0.0001	0.0156			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-77	ppt	33.9	0.0001	0.00339			
21st Street Pond	21SP-04T	3-OG-03120	Fish Tissue	fillet	Game	PCB-81	ppt	0.965	0.0001	0.0000965	3.16	0.1	YES
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-105	ppt	446	0.0001	0.0446			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-114	ppt	35.3	0.0005	0.01765			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-118	ppt	1210	0.0001	0.121			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-123	ppt	4.755	0.0001	0.0004755			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-126	ppt	4.755	0.1	0.4755			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-156		138	0.0005	0.069			
Buena Ventura Park Pond	BVPP-08B		Fish Tissue				ppt	29.4	0.0005	0.009			
				fillet	Game	PCB-157	ppt						
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-167	ppt	72.5	0.00001	0.000725			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-169	ppt	9.5	0.01	0.095			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-189	ppt	9.5	0.0001	0.00095			
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-77	ppt	34.2	0.0001	0.00342	0.04		1700
Buena Ventura Park Pond	BVPP-08B	3-OG-03084	Fish Tissue	fillet	Game	PCB-81	ppt	0.95	0.0001	0.000095	0.84	0.1	YES
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-105	ppt	863	0.0001	0.0863			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-114	ppt	55.2	0.0005	0.0276			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-118	ppt	2360	0.0001	0.236			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-123	ppt	42.4	0.0001	0.00424			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-126	ppt	5.35	0.1	0.535			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-156	ppt	293	0.0005	0.1465			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-157	ppt	64.5	0.0005	0.03225			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-167	ppt	136	0.00001	0.00136			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-169	ppt	10.7	0.01	0.107			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-189	ppt	10.7	0.0001	0.00107			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-77	ppt	43	0.0001	0.0043			
Ogden River	OGR-01B	3-OG-03042	Fish Tissue	fillet	Game	PCB-81	ppt	1.07	0.0001	0.000107	1.18	0.1	YES
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-105	ppt	1650	0.0001	0.165			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-114	ppt	98.8	0.0005	0.0494			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-118	ppt	6210	0.0001	0.621			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-123	ppt	9.9	0.0001	0.00099			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-126	ppt	25.7	0.1	2.57			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-156	ppt	3970	0.0005	1.985			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-157		353	0.0005	0.1765			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-157	ppt	1410	0.00001	0.1703			
•	OGR-03B						ppt						
Ogden River		3-OG-03060	Fish Tissue	fillet	Game	PCB-169	ppt	9.65	0.01	0.0965			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-189	ppt	719	0.0001	0.0719			
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-77	ppt	37.9	0.0001	0.00379		0.1	MEG
Ogden River	OGR-03B	3-OG-03060	Fish Tissue	fillet	Game	PCB-81	ppt	0.965	0.0001	0.0000965	5.75	0.1	YES
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-105	ppt	1200	0.0001	0.12			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-114	ppt	73.5	0.0005	0.03675			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-118	ppt	4490	0.0001	0.449			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-123	ppt	15.7	0.0001	0.00157			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-126	ppt	24.4	0.1	2.44			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-156	ppt	1650	0.0005	0.825			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-157	ppt	163	0.0005	0.0815			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-167	ppt	681	0.00001	0.00681			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-169	ppt	9.75	0.01	0.0975			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-189	ppt	269	0.0001	0.0269			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-77	ppt	56	0.0001	0.0056			
Ogden River	OGR-05B	3-OG-03195	Fish Tissue	fillet	Game	PCB-81	ppt	0.975	0.0001	0.0000975	4.09	0.1	YES
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-105	ppt	376	0.0001	0.0376			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-114	ppt	30.2	0.0005	0.0151			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-118	ppt	1510	0.0001	0.151			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-123	ppt	10.65	0.0001	0.001065			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-126	ppt	13.7	0.1	1.37			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-156	ppt	475	0.0005	0.2375			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-150		54.5	0.0005	0.2373			
	21SP-04T						ppt						
21st Street Pond			Fish Tissue	fillet	Game	PCB-167	ppt	250	0.00001	0.0025			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-169	ppt	9.7	0.01	0.097			
21st Street Pond	21SP-04T	3-OG-03121	Fish Tissue	fillet	Game	PCB-189	ppt	95.3	0.0001	0.00953			
21st Street Pond 21st Street Pond	21SP-04T 21SP-04T	3-OG-03121 3-OG-03121	Fish Tissue Fish Tissue	fillet fillet	Game Game	PCB-77 PCB-81	ppt	26.2 0.97	0.0001	0.00262 0.000097	1.95	0.1	YES
							ppt	119/	0.0001	O CHARACTER /	1 45		V H.S

Appendix C5.6 COPC Screen for PCB Congeners in Fish Tissue

AOI	Location	Sample ID	Media	Matrix	Species Type	Parameter	Units	Conc ww	TEF-Mammal	TEQ	Sample TEQ	RBC	COPC?
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-105	ppt	699	0.0001	0.0699			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-114	ppt	44.9	0.0005	0.02245			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-118	ppt	1830	0.0001	0.183			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-123	ppt	4.88	0.0001	0.000488			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-126	ppt	4.88	0.1	0.488			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-156	ppt	223	0.0005	0.1115			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-157	ppt	51.9	0.0005	0.02595			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-167	ppt	94	0.00001	0.00094			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-169	ppt	9.75	0.01	0.0975			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-189	ppt	9.75	0.0001	0.000975			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-77	ppt	21.6	0.0001	0.00216			
Ogden River	OGR-02B	3-OG-03246	Fish Tissue	fillet	Game	PCB-81	ppt	0.975	0.0001	0.0000975	1.00	0.1	YES
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-105	ppt	6710	0.0001	0.671			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-114	ppt	694	0.0005	0.347			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-118	ppt	33900	0.0001	3.39			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-123	ppt	422	0.0001	0.0422			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-126	ppt	73.5	0.1	7.35			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-156	ppt	9380	0.0005	4.69			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-157	ppt	994	0.0005	0.497			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-167	ppt	6350	0.00001	0.0635			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-169	ppt	26	0.01	0.26			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-189	ppt	1890	0.0001	0.189			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-77	ppt	2.18	0.0001	0.000218			
Ogden River	OGR-03B	3-OG-03053	Fish Tissue	whole body	Other	PCB-81	ppt	2.24	0.0001	0.000224	17.50	0.1	YES
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-105	ppt	1680	0.0001	0.168			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-114	ppt	104	0.0005	0.052			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-118	ppt	6370	0.0001	0.637			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-123	ppt	15.4	0.0001	0.00154			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-126	ppt	30	0.1	3			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-156	ppt	2280	0.0005	1.14			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-157	ppt	228	0.0005	0.114			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-167	ppt	994	0.00001	0.00994			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-169	ppt	250	0.01	2.5			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-189	ppt	428	0.0001	0.0428			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-77	ppt	76.6	0.0001	0.00766			
Ogden River	OGR-05B	3-OG-03196	Fish Tissue	fillet	Game	PCB-81	ppt	1	0.0001	0.0001	7.67	0.1	YES
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-105	ppt	2530	0.0001	0.253			
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-114	ppt	161	0.0005	0.0805			
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-118	ppt	7250	0.0001	0.725			
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-123	ppt	15.15	0.0001	0.001515			
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-126	ppt	18	0.1	1.8			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-156	ppt	970	0.0005	0.485			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-157	ppt	235	0.0005	0.1175			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-167	ppt	495	0.00001	0.00495			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-169	ppt	16.35	0.01	0.1635			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-189	ppt	106	0.0001	0.0106			
Weber River	WBR-09B		Fish Tissue	fillet	Game	PCB-77	ppt	109	0.0001	0.0109			
Weber River	WBR-09B	3-OG-03156	Fish Tissue	fillet	Game	PCB-81	ppt	0.95	0.0001	0.000095	3.65	0.1	YES
Weber River	WBR-14B	3-OG-03133	Fish Tissue	fillet	Game	PCB-105	ppt	586	0.0001	0.0586			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-114	ppt	38	0.0005	0.019			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-118	ppt	1670	0.0001	0.167			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-123	ppt	8.1	0.0001	0.00081			
Weber River		3-OG-03133	Fish Tissue	fillet	Game	PCB-126	ppt	11.3	0.1	1.13			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-156	ppt	496	0.0005	0.248			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-157	ppt	61.3	0.0005	0.03065			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-167	ppt	136	0.00001	0.00136			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-169	ppt	9.8	0.01	0.098			
Weber River	WBR-14B		Fish Tissue	fillet	Game	PCB-189	ppt	45.5	0.0001	0.00455			
Weber River	WBR-14B	3-OG-03133	Fish Tissue	fillet	Game	PCB-77	ppt	48.8	0.0001	0.00488			
Weber River	WBR-14B	3-OG-03133	Fish Tissue	fillet	Game	PCB-81		0.98	0.0001	0.000098	1.76	0.1	YES

Appendix C5.7 COPC Screen for Off-Yard Soils

		CAS#			OFF-SITE D	ATA			COPC SELECTION STEPS					Off-Site Soil COPCs			
Group	Analyte		Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < Is Max Detect RBC? > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC	
	Aluminum	7429-90-5	44	44	100%	NA	1.3E+04	1.5E+05	No	Yes	Yes	No				X	
	Antimony	7440-36-0	9	44	20%	2.2E+00	8.0E+00	6.0E+01	No	Yes	Yes	No				X	
	Arsenic	7440-38-2	48	60	80%	6.4E+00	2.4E+01	7.0E+00	No	Yes	Yes	Yes	X				
	Barium	7440-39-3	54	60	90%	7.6E+01	2.6E+02	1.0E+04	No	Yes	Yes	No				X	
	Beryllium	7440-41-7	37	44	84%	4.8E-01	9.3E-01	3.0E+02	No	Yes	Yes	No				X	
	Cadmium	7440-43-9	47	60	78%	1.6E-01	7.7E+00	1.5E+02	No	Yes	Yes	No				X	
	Calcium	7440-70-2	44	44	100%	NA	3.8E+04	 4.5TL:02	Yes	**	***					X	
	Chromium	7440-47-3 7440-48-4	60 43	60 44	100% 98%	NA 2.7E+00	2.0E+01 7.5E+00	4.5E+02 3.0E+03	No No	Yes Yes	Yes Yes	No No				X	
	Cobalt	7440-48-4	43	44	100%	2./E+00 NA	1.0E+02	6.0E+03	No No	Yes	Yes	No No				X	
.8	Copper Iron	7439-89-6	44	44	100%	NA NA	1.6E+04	4.5E+04	Yes	i es	res	NO				X	
a i	Lead	7439-92-1	60	60	100%	NA NA	9.4E+02	1.8E+03	No	Yes	Yes	No				X	
Inorganics	Magnesium	7439-95-4	44	44	100%	NA NA	1.0E+04	1.8E+03	Yes	1 05	103	110				X	
1	Manganese	7439-96-5	44	44	100%	NA	6.3E+02	3.0E+03	No	Yes	Yes	No				X	
	Mercury	7439-97-6	58	65	89%	3.8E-02	3.6E+00	4.5E+01	No	Yes	Yes	No				X	
	Nickel	7440-02-0	44	44	100%	NA	1.9E+01	3.0E+03	No	Yes	Yes	No				X	
	Potassium	7440-09-7	44	44	100%	NA	3.3E+03		Yes							X	
	Selenium	7782-49-2	15	60	25%	2.0E+00	1.1E+00	7.5E+02	No	Yes	Yes	No				X	
	Silver	7440-22-4	18	60	30%	2.9E-01	4.3E+00	7.5E+02	No	Yes	Yes	No				X	
	Sodium	7440-23-5	44	44	100%	NA	9.3E+02		Yes							X	
	Thallium	7440-28-0	0	44	0%	1.5E+00	NA	1.0E+01	No	Yes	No	Yes				X	
	Vanadium	7440-62-2	44	44	100%	NA	2.3E+01	1.0E+03	No	Yes	Yes	No				X	
	Zinc	7440-66-6	44	44	100%	NA	9.4E+02	4.5E+04	No	Yes	Yes	No				X	
	4,4'-DDD	72-54-8	0	22	0%	7.3E-03	NA	4.4E+01	No	Yes	No	Yes				X	
	4,4'-DDE	72-55-9	1	22	5%	7.4E-03	1.8E-03	3.1E+01	No	Yes	Yes	No				X	
	4,4'-DDT	50-29-3	4	22	18%	8.0E-03	1.5E-02	3.1E+01	No	Yes	Yes	No				X	
	Aldrin	309-00-2 319-84-6	0	22 22	0% 0%	4.6E-03 4.6E-03	NA NA	6.2E-01 1.7E+00	No	Yes	No	Yes				X	
	alpha-BHC alpha-Chlordane	5103-71-9	0	16	0%	3.3E-03	NA NA	3.0E+01	No No	Yes Yes	No No	Yes Yes				X	
	beta-BHC	319-85-7	0	22	0%	4.6E-03	NA NA	5.8E+00	No	Yes	No	Yes				X	
	Chlordane	57-74-9	0	6	0%	8.0E-02	NA	3.0E+01	No	Yes	No	Yes				X	
	delta-BHC	319-86-8	0	22	0%	4.6E-03	NA	8.1E+00	No	Yes	No	Yes				X	
	Dieldrin	60-57-1	0	22	0%	7.3E-03	NA	6.6E-01	No	Yes	No	Yes				X	
8	Endosulfan I	959-98-8	0	22	0%	4.6E-03	NA	9.0E+02	No	Yes	No	Yes				X	
Pesticides	Endosulfan II	33213-65-9	0	22	0%	7.3E-03	NA	9.0E+02	No	Yes	No	Yes				X	
esti	Endosulfan Sulfate	1031-07-8	0	22	0%	7.3E-03	NA	9.0E+02	No	Yes	No	Yes				X	
4	Endrin	72-20-8	0	22	0%	7.3E-03	NA	4.5E+01	No	Yes	No	Yes				X	
	Endrin Aldehyde	7421-93-4	3	22	14%	7.7E-03	9.8E-03		No	No				X			
	Endrin ketone	53494-70-5	0	16	0%	4.0E-03	NA		No	No		**		X			
	gamma-BHC (Lindane)	58-89-9 5566-34-7	3	22	0% 19%	4.6E-03 3.5E-03	NA 5.1E-03	8.1E+00 3.0E+01	No No	Yes	No	Yes				X	
	gamma-Chlordane Heptachlor	76-44-8	0	16 22	0%	4.6E-03	5.1E-03 NA	2.3E+00	No No	Yes Yes	Yes No	Yes No				X X	
	Heptachlor Epoxide	1024-57-3	0	22	0%	4.6E-03	NA NA	1.2E+00	No	Yes	No	Yes				X	
	Isodrin	465-73-6	0	6	0%	8.0E-03	NA	1.2E+00	No	No	110	103		X		A	
	Kepone	143-50-0	0	6	0%	1.6E-02	NA NA	1.3E+00	No	Yes	No	Yes				X	
	Methoxychlor	72-43-5	0	22	0%	2.9E-02	NA	7.5E+02	No	Yes	No	Yes				X	
	Toxaphene	8001-35-2	0	22	0%	1.4E-01	NA	9.5E+00	No	Yes	No	Yes				X	
	Aroclor-1016	12674-11-2	0	22	0%	5.5E-02	NA	1.0E+01	No	Yes	No	Yes				X	
Polychlorinated Biphenyls (PCBs)	Aroclor-1221	11104-28-2	0	22	0%	8.9E-02	NA	3.0E+00	No	Yes	No	Yes				X	
P at	Aroclor-1232	11141-16-5	0	22	0%	5.5E-02	NA	3.0E+00	No	Yes	No	Yes				X	
lori Is (Aroclor-1242	53469-21-9	0	22	0%	5.5E-02	NA	3.0E+00	No	Yes	No	Yes				X	
ch chi	Aroclor-1248	12672-29-6	0	22	0%	5.5E-02	NA	3.0E+00	No	Yes	No	Yes				X	
₽g di	Aroclor-1254	11097-69-1	0	22	0%	5.5E-02	NA 5 5E 01	3.0E+00	No	Yes	No	Yes				X	
_ ~	Aroclor-1260 Aroclor-1268	11096-82-5 11100-14-4	6	22 10	27% 0%	6.0E-02 5.0E-02	5.5E-01 NA	3.0E+00 3.0E+00	No No	Yes Yes	Yes No	Yes No				X	
H	A10CI01-1208	11100-14-4						3.0ET00			INO	1 CS				Λ	
ТРН	Diesel fuel	68476-34-6	4	7	57%	6.1E+00	9.7E+00		No	No				X			

Appendix C5.7 COPC Screen for Off-Yard Soils

					OFF-SITE I	DATA				COPC SELECTION STEPS				Off-Site Soil COPCs			
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < Is Ma RBC? > 1	ax Detect RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	2-Chloronaphthalene	91-58-7	0	72	0%	6.3E-01	NA	1.2E+04	No	Yes	No	Yes					X
	2-Methylnaphthalene	91-57-6	9	73	12%	6.4E-01	2.0E-01	3.0E+03	No	Yes	Yes		No				X
	Acenaphthene	83-32-9	2	73	3%	6.1E-01	3.1E-01	9.0E+03	No	Yes	Yes		No				X
	Acenaphthylene	208-96-8	2	73	3%	6.1E-01	4.0E-01	3.0E+03	No	Yes	Yes		No				X
E)	Aniline	62-53-3	0	48	0%	4.3E-01	NA	1.0E+03	No	Yes	No	Yes					X
Z	Anthracene	120-12-7	5	73	7%	6.3E-01	7.1E-01	4.5E+04	No	Yes	Yes		No				X
s (Benzo[a]anthracene	56-55-3	8	73	11%	6.4E-01	1.4E+00	1.4E+01	No	Yes	Yes		No				X
<u></u>	Benzo[a]pyrene	50-32-8	7	73	10%	6.3E-01	1.6E+00	1.4E+00	No	Yes	Yes		Yes	X			
Ę	Benzo[b]fluoranthene	205-99-2	11	73	15%	6.5E-01	1.2E+00	1.4E+01	No	Yes	Yes		No				X
<u>r</u>	Benzo[g,h,i]perylene	191-24-2	14	73	19%	6.2E-01	1.6E+00	3.0E+03	No	Yes	Yes		No				X
Ϋ́	Benzo[k]fluoranthene	207-08-9	6	73	8%	6.3E-01	1.6E+00	1.4E+02	No	Yes	Yes		No				X
Ë	Chrysene	218-01-9	13	73	18%	6.6E-01	2.1E+00	1.4E+03	No	Yes	Yes		No				X
nat	Dibenz[a,h]anthracene	53-70-3	3	73	4%	6.4E-01	9.6E-02	1.4E+00	No	Yes	Yes		No				X
Polyaromatic Hydrocarbons (PAHs)	Dibenzofuran	132-64-9	1	72	1%	6.3E-01	4.5E-02	6.0E+02	No	Yes	Yes		No				X
lya	Fluoranthene	206-44-0	15	73	21%	6.7E-01	2.3E+00	6.0E+03	No	Yes	Yes		No				X
P.	Fluorene	86-73-7	2	73	3%	6.1E-01	2.2E-01	6.0E+03	No	Yes	Yes		No				X
	Indeno[1,2,3-c,d]pyrene	193-39-5	9	73	12%	6.4E-01	1.5E+00	1.4E+01	No	Yes	Yes		No				X
	Naphthalene	91-20-3	14	83	17%	5.7E-01	2.7E-01	3.0E+03	No	Yes	Yes		No				X
	Phenanthrene	85-01-8	17	73	23%	6.8E-01	2.3E+00	3.0E+03	No	Yes	Yes		No				X
	Pyrene	129-00-0	27	73	37%	7.4E-01	3.7E+00	4.5E+03	No	Yes	Yes		No				X
	1,2,4-Trichlorobenzene	120-82-1	0	83	0%	5.5E-01	NA	1.5E+03	No	Yes	No	Yes					X
	1,2-Dichlorobenzene	95-50-1	0	83	0%	5.5E-01	NA	1.3E+04	No	Yes	No	Yes					X
	1,3-Dichlorobenzene	541-73-1	0	82	0%	5.5E-01	NA	4.5E+03	No	Yes	No	Yes					X
	1,4-Dichlorobenzene	106-46-7	0	83	0%	5.5E-01	NA	4.4E+02	No	Yes	No	Yes			***		X
	1-Methylnaphthalene	90-12-0	5	47	11%	4.1E-01	2.3E-01		No	No					X		**
	2,4,5-Trichlorophenol	95-95-4	0	72	0%	7.3E-01	NA	1.5E+04	No	Yes	No	Yes					X
	2,4,6-Trichlorophenol	88-06-2	0	72	0%	6.3E-01	NA	9.5E+02	No	Yes	No	Yes					X
	2,4-Dichlorophenol 2,4-Dimethylphenol	120-83-2 105-67-9	0	72 72	0%	6.3E-01 6.3E-01	NA NA	4.5E+02 3.0E+03	No No	Yes Yes	No No	Yes Yes					X
	2,4-Dinitrophenol	51-28-5	0	72	0%	1.8E+00	NA NA	3.0E+02	No	Yes	No	Yes					X
	2,4-Dinitrophenoi 2,4-Dinitrotoluene	121-14-2	0	73	0%	6.3E-01	NA NA	3.0E+02	No	Yes	No	Yes					X
	2,6-Dinitrotoluene	606-20-2	0	73	0%	6.3E-01	NA NA	1.5E+02	No	Yes	No	Yes					X
(SVOCs)	2-Chlorophenol	95-57-8	0	72	0%	6.3E-01	NA NA	7.5E+02	No	Yes	No	Yes					X
õ	2-Methylphenol (o-Cresol)	95-48-7	0	72	0%	6.3E-01	NA NA	7.5E+03	No	Yes	No	Yes					X
Ś	2-Nitroaniline	88-74-4	0	72	0%	1.8E+00	NA	8.5E+00	No	Yes	No	Yes					X
s	2-Nitrophenol	88-75-5	0	72	0%	6.3E-01	NA	8.3E+00	No	No	110	1 03			X		
Compounds	3.3'-Dichlorobenzidine	91-94-1	1	73	1%	6.4E-01	4.3E-02	2.3E+01	No	Yes	Yes		No			 	X
μĎ	3-Nitroaniline	99-09-2	0	72	0%	1.8E+00	NA	4.5E+01	No	Yes	No	Yes					X
Ō	4,6-Dinitro-o-cresol	534-52-1	0	72	0%	1.8E+00	NA	1.5E+01	No	Yes	No	Yes					X
Ji.	4-Bromophenyl-phenylether	101-55-3	0	10	0%	2.0E+00	NA		No	No					X		
룛	4-Chloro-3-Methylphenol	59-50-7	0	72	0%	6.3E-01	NA		No	No					X		
Semi-Volatile Organic	4-Chloroaniline	106-47-8	0	72	0%	6.3E-01	NA	6.0E+02	No	Yes	No	Yes					X
tile	4-Chlorophenyl-phenylether	7005-72-3	0	72	0%	6.3E-01	NA		No	No					X		
'ola	4-Methylphenol (p-Cresol)	106-44-5	1	72	1%	6.3E-01	1.1E-01	7.5E+02	No	Yes	Yes		No				X
<u>.</u>	4-Nitroaniline	100-01-6	0	72	0%	1.8E+00	NA	4.5E+02	No	Yes	No	Yes					X
e	4-Nitrophenol	100-02-7	0	72	0%	1.8E+00	NA	1.2E+03	No	Yes	No	Yes					X
S	Benzyl alcohol	100-51-6	0	10	0%	2.0E+00	NA	4.5E+04	No	Yes	No	Yes					X
	bis(2-Chloroethoxy)methane	111-91-1	0	72	0%	6.3E-01	NA		No	No					X		
	bis(2-Chloroethyl)ether	111-44-4	0	73	0%	6.3E-01	NA	9.5E+00	No	Yes	No	Yes					X
	bis(2-Chloroisopropyl)ether	108-60-1	0	26	0%	9.8E-01	NA	1.5E+02	No	Yes	No	Yes					X
	bis(2-Ethylhexyl)phthalate	117-81-7	32	73	44%	5.9E-01	1.5E+00	7.5E+02	No	Yes	Yes		No				X
	bis(n-octyl)phthalate	117-84-0	1	73	1%	6.3E-01	5.1E-02	3.0E+03	No	Yes	Yes		No				X
	Butylbenzylphthalate	85-68-7	9	73	12%	6.6E-01	2.8E-01	3.0E+04	No	Yes	Yes		No				X
	Carbazole	86-74-8	3	73	4%	6.2E-01	2.6E-01	5.2E+02	No	Yes	Yes		No				X
	Dibutylphthalate	84-74-2	20	73	27%	6.4E-01	2.2E-01	1.5E+04	No	Yes	Yes		No				X
	Diethylphthalate	84-66-2	0	73	0%	6.3E-01	NA	1.2E+05	No	Yes	No	Yes					X
	Dimethylphthalate	131-11-3	0	72	0%	6.3E-01	NA	1.5E+06	No	Yes	No	Yes					X
	Hexachlorobenzene	118-74-1	0	73	0%	6.3E-01	NA	6.6E+00	No	Yes	No	Yes					X

					OFF-SITE I	DATA				COPC SE	LECTION S	TEPS			Off-Site So	oil COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Hexachlorobutadiene	87-68-3	0	83	0%	5.5E-01	NA	3.0E+01	No	Yes	No	Yes					X
	Hexachlorocyclopentadiene	77-47-4	0	72	0%	6.3E-01	NA	9.0E+02	No	Yes	No	Yes					X
Ē	Hexachloroethane	67-72-1	0	73	0%	6.3E-01	NA	1.5E+02	No	Yes	No	Yes					X
9	Isophorone	78-59-1	0	72	0%	6.3E-01	NA	1.1E+04	No	Yes	No	Yes					X
)s	Nitrobenzene	98-95-3	0	73	0%	6.3E-01	NA	7.5E+01	No	Yes	No	Yes					X
SVOCs (cont.)	N-Nitrosodiphenylamine	86-30-6	0	72	0%	6.3E-01	NA	2.1E+03	No	Yes	No	Yes					X
5	n-Nitrosodipropylamine	621-64-7	0	73	0%	6.3E-01	NA	1.5E+00	No	Yes	No	Yes					X
	Pentachlorophenol (PCP)	87-86-5	0	72	0%	1.8E+00	NA	8.7E+01	No	Yes	No	Yes					X
	Phenol	108-95-2	0	72	0%	6.3E-01	NA	4.5E+04	No	Yes	No	Yes					X
	1,1,1,2-Tetrachloroethane	630-20-6	0	25	0%	6.7E-03	NA	4.0E+02	No	Yes	No	Yes					X
	1,1,1-Trichloroethane	71-55-6	0	70	0%	5.6E-03	NA	4.2E+04	No	Yes	No	Yes					X
	1,1,2,2-Tetrachloroethane	79-34-5	1	70	1%	5.6E-03	1.2E-03	5.2E+01	No	Yes	Yes		No				X
	1,1,2-Trichloroethane	79-00-5	0	70	0%	5.6E-03	NA	1.8E+02	No	Yes	No	Yes					X
	1,1-Dichloroethane	75-34-3	1	70	1%	5.6E-03	6.4E-03	1.5E+04	No	Yes	Yes		No				X
	1,1-Dichloroethene	75-35-4	0	10	0%	1.7E-03	NA	7.5E+03	No	Yes	No	Yes			v		X
	1,1-Dichloropropene	563-58-6	0	10 10	0%	1.7E-03 1.7E-03	NA NA		No No	No					X		
	1,2,3-Trichlorobenzene	87-61-6 96-18-4	0	70	0%	6.7E-03	NA NA	5.2E+00		No Yes	NI.	V			X		X
	1,2,3-Trichloropropane 1,2,4-Trimethylbenzene	96-18-4 95-63-6		10	0%	6./E-03 1.7E-03	NA NA	5.2E+00 7.5E+03	No No		No No	Yes Yes					X
	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	0	70	0%	6.7E-03	NA NA	7.5E+03 7.5E+00	No	Yes Yes	No	Yes					X
	1,2-Dichloroethane	107-06-2	0	70	0%	5.6E-03	NA NA	1.2E+02	No	Yes	No	Yes					X
	1,2-Dichloroethene	540-59-0	0	60	0%	1.1E-02	NA NA	1.3E+03	No	Yes	No	Yes					X
	1,2-Dichloropropane	78-87-5	0	70	0%	5.6E-03	NA NA	1.5E+02	No	Yes	No	Yes					X
	1,3,5-Trimethylbenzene	108-67-8	0	10	0%	1.7E-03	NA NA	7.5E+03	No	Yes	No	Yes					X
	1,3-Dichloropropane	142-28-9	0	10	0%	1.7E-03	NA NA	7.3E103	No	No	110	1 03			X		А
	1,4-Dioxane	123-91-1	0	15	0%	3.0E-01	NA	9.5E+02	No	Yes	No	Yes			24		X
	2,2-Dichloropropane	594-20-7	0	10	0%	1.7E-03	NA NA	7.3E+02	No	No	110	1 03			X		
_	2-Chloro-1,3-butadiene (Chloroprene)	126-99-8	0	15	0%	1.0E-02	NA	3.0E+03	No	Yes	No	Yes			24		X
్ద	2-Chloroethyl vinyl ether	110-75-8	0	60	0%	7.6E-03	NA	3.02.03	No	No	110	100			X		
3	2-Chlorotoluene	95-49-8	0	10	0%	1.7E-03	NA	3.0E+03	No	Yes	No	Yes					X
qs	2-Hexanone	591-78-6	0	70	0%	1.1E-02	NA	6.0E+03	No	Yes	No	Yes					X
E	3-Chloropropene (Allyl Chloride)	107-05-1	0	15	0%	1.0E-02	NA		No	No					X		
ď	4-Chlorotoluene	106-43-4	0	10	0%	1.7E-03	NA		No	No					X		
ō	Acetone	67-64-1	4	70	6%	1.3E-02	2.8E-02	1.5E+04	No	Yes	Yes		No				X
ji.	Acetonitrile	75-05-8	0	60	0%	3.3E-02	NA	2.5E+03	No	Yes	No	Yes					X
, ag	Acrolein	107-02-8	0	46	0%	5.1E-02	NA	3.0E+03	No	Yes	No	Yes					X
Volatile Organic Compounds (VOCs)	Acrylonitrile	107-13-1	0	60	0%	3.3E-02	NA	1.9E+01	No	Yes	No	Yes					X
tile	Benzene	71-43-2	2	70	3%	5.6E-03	1.2E-03	1.9E+02	No	Yes	Yes		No				X
ola	Bromobenzene	108-86-1	0	10	0%	1.7E-03	NA		No	No					X		
>	Bromodichloromethane	75-27-4	0	70	0%	5.6E-03	NA	1.7E+02	No	Yes	No	Yes					X
	Bromoform	75-25-2	0	70	0%	5.6E-03	NA	1.3E+03	No	Yes	No	Yes					X
	Bromomethane (Methyl bromide)	74-83-9	0	70	0%	1.1E-02	NA	2.1E+02	No	Yes	No	Yes					X
	Carbon Disulfide	75-15-0	0	70	0%	5.6E-03	NA	1.5E+04	No	Yes	No	Yes					X
	Carbon Tetrachloride	56-23-5	0	70	0%	5.6E-03	NA	8.1E+01	No	Yes	No	Yes					X
	Chloro dibrom omothomo	108-90-7 124-48-1	0	70	0%	5.6E-03 5.6E-03	NA NA	3.0E+03	No No	Yes	No	Yes					X
	Chlorodibromomethane Chloroethane (Ethyl chloride)	75-00-3	0	70 70	0%	5.6E-03 1.1E-02	NA NA	1.2E+02 3.6E+03	No No	Yes	No No	Yes					X
		/5-00-3 67-66-3	1	70	1%	5.7E-03	1.0E-03	3.6E+03 1.5E+03	No No	Yes	No	Yes	No				X
l	Chloroform Chloromethane (Methyl chloride)	74-87-3	0	70	0%	5./E-03 1.1E-02	NA	8.1E+02	No No	Yes Yes	Yes No	Yes	INO				X
l	cis-1,2-Dichloroethene	156-59-2	0	45	0%	6.8E-03	NA NA	1.5E+03	No	Yes	No	Yes	1		1		X
	cis-1,3-Dichloropropene	10061-01-5	0	80	0%	5.1E-03	NA NA	1.0E+02	No	Yes	No	Yes			1		X
l	Dibromomethane	74-95-3	0	25	0%	6.7E-03	NA NA	1.5E+03	No	Yes	No	Yes					X
	Dichlorodifluoromethane	75-71-8	1	25	4%	6.7E-03 6.9E-03	2.2E-03	3.0E+04	No	Yes	Yes	1 53	No				X
	Dichloromethane	75-09-2	22	70	31%	4.3E-03	7.8E-03	1.4E+03	No	Yes	Yes		No				X
l	Ethyl Methacrylate	97-63-2	0	15	0%	5.0E-02	NA	1.3E+04	No	Yes	No	Yes	110				X
	Ethylbenzene	100-41-4	1	70	1%	5.6E-03	2.4E-03	1.5E+04	No	Yes	Yes	1 03	No				X
	Ethylene dibromide (EDB)	106-93-4	0	70	0%	6.7E-03	NA	1.2E-01	No	Yes	No	Yes					X
	Hexane	110-54-3	0	45	0%	6.6E-03	NA	9.0E+03	No	Yes	No	Yes					X
					U/0	0.025-05	1 12 %	7.02.03	.10	. 03	.10	. 03	ıl		1		

Human Health Risk Assessment for Ogden, Utah

					OFF-SITE I	DATA				COPC SE	LECTION S	ΓEPS			Off-Site So	il COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Recreational Visitor Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is Mean DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	Iodomethane	74-88-4	0	15	0%	1.0E-02	NA		No	No					X		
	Isobutyl Alcohol	78-83-1	0	15	0%	1.0E-01	NA	4.5E+04	No	Yes	No	Yes					X
	Isopropylbenzene	98-82-8	0	20	0%	1.7E-03	NA	1.5E+04	No	Yes	No	Yes					X
	Methacrylonitrile	126-98-7	0	60	0%	1.3E-02	NA	1.5E+01	No	Yes	No	Yes					X
	Methyl ethyl ketone (MEK)	78-93-3	0	27	0%	8.8E-03	NA	9.0E+04	No	Yes	No	Yes					X
	Methyl isobutyl ketone (MIBK)	108-10-1	0	70	0%	1.1E-02	NA	1.2E+04	No	Yes	No	Yes					X
S.	Methyl Metharcylate	80-62-6	0	15	0%	1.0E-02	NA	2.1E+05	No	Yes	No	Yes					X
8	Methyl-t-butyl ether	1634-04-4	0	10	0%	1.7E-03	NA	2.6E+03	No	Yes	No	Yes					X
Š	n-Butylbenzene	104-51-8	0	10	0%	1.7E-03	NA	6.0E+03	No	Yes	No	Yes					X
sp	n-Propylbenzene	103-65-1	0	10	0%	1.7E-03	NA	6.0E+03	No	Yes	No	Yes					X
l §	o-Xylene	95-47-6	0	10	0%	1.7E-03	NA	3.0E+05	No	Yes	No	Yes					X
d d	sec-Butylbenzene	135-98-8	0	10	0%	1.7E-03	NA	6.0E+03	No	Yes	No	Yes					X
Com	Styrene	100-42-5	0	70	0%	5.6E-03	NA	3.0E+04	No	Yes	No	Yes					X
• • •	tert-Butylbenzene	98-06-6	0	10	0%	1.7E-03	NA	6.0E+03	No	Yes	No	Yes					X
Organic	Tetrachloroethene	127-18-4	2	70	3%	5.6E-03	6.8E-03	2.0E+02	No	Yes	Yes		No				X
Ö	Toluene	108-88-3	2	70	3%	5.6E-03	2.0E-03	3.0E+04	No	Yes	Yes		No				X
'olatile	trans-1,2-Dichloroethene	156-60-5	0	55	0%	6.0E-03	NA	3.0E+03	No	Yes	No	Yes					X
olai	trans-1,3-Dichloropropene	10061-02-6	0	70	0%	5.6E-03	NA	1.0E+02	No	Yes	No	Yes					X
>	trans-1,4-Dichloro-2-Butene	110-57-6	0	15	0%	1.0E-02	NA	1.1E+00	No	Yes	No	Yes					X
	Trichloroethene	79-01-6	0	70	0%	5.6E-03	NA	4.5E+01	No	Yes	No	Yes					X
	Trichlorofluoromethane	75-69-4	1	70	1%	1.0E-02	3.0E-03	4.5E+04	No	Yes	Yes		No				X
	Vinyl Acetate	108-05-4	0	60	0%	7.6E-03	NA	1.5E+05	No	Yes	No	Yes					X
	Vinyl Chloride	75-01-4	0	70	0%	1.1E-02	NA	7.5E+00	No	Yes	No	Yes					X
	Xylenes (Total)	1330-20-7	1	60	2%	1.7E-02	1.3E-02	3.0E+05	No	Yes	Yes		No				X
	Xylenes-p,m	179601-23-1	0	10	0%	1.7E-03	NA	3.0E+05	No	Yes	No	Yes		<u></u>			X

TOTAL 2 19 0 176

					ON-YARD D	ATA				COPC SE	LECTION S	TEPS			On-Yard S	oil COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Worker Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type	QUAL COPC Type 2	Not a COPC
	Aluminum	7429-90-5	28	28	100%	NA	1.5E+05	1.0E+05	No	Yes	Yes		Yes	X			
	Antimony	7440-36-0	5	27	19%	3.0E+00	4.4E+01	4.1E+01	No	Yes	Yes		Yes	X			
	Arsenic	7440-38-2	131	151	87%	1.1E+01	8.0E+02	1.9E+00	No	Yes	Yes		Yes	X			
	Barium	7440-39-3	145	152	95%	6.5E+01	4.5E+03	7.2E+03	No	Yes	Yes		No				X
	Beryllium	7440-41-7	25	28	89%	1.5E-01	1.1E+00	2.0E+02	No	Yes	Yes		No				X
	Cadmium	7440-43-9	119	152	78%	6.0E-01	9.1E+01	1.0E+02	No	Yes	Yes		No				X
	Calcium	7440-70-2	28	28	100%	NA	9.5E+04		Yes								X
	Chromium	7440-47-3	151	152	99%	1.0E+00	1.7E+03	3.1E+02	No	Yes	Yes		Yes	X			
	Cobalt	7440-48-4 7440-50-8	27	28	96%	2.7E+00	2.6E+01	2.0E+03	No	Yes	Yes		No	**			X
.8	Copper	7440-50-8	28 28	28 28	100%	NA NA	2.3E+04 1.3E+05	4.1E+03 3.1E+04	No	Yes	Yes		Yes	X			X
Inorganics	Iron Lead	7439-89-6	28 151	152	99%	2.0E+00	1.3E+05 3.0E+03	5.1E+04 6.8E+02	Yes No	Yes	Yes		Yes	X			А
0.0	Magnesium	7439-92-1	28	28	100%	NA	1.6E+04	0.8E±02	Yes	1 05	1 08		1 CS	А			X
=	Manganese	7439-96-5	28	28	100%	NA	4.0E+03	2.0E+03	No	Yes	Yes		Yes	X			Α
I	Mercury	7439-97-6	128	150	85%	5.4E-02	1.6E+02	3.1E+01	No	Yes	Yes		Yes	X			
I	Nickel	7440-02-0	22	28	79%	1.2E+01	3.2E+02	2.0E+03	No	Yes	Yes		No				X
I	Potassium	7440-09-7	28	28	100%	NA	3.3E+03		Yes								X
	Selenium	7782-49-2	56	150	37%	7.1E+00	7.7E+02	5.1E+02	No	Yes	Yes		Yes	X			
I	Silver	7440-22-4	85	149	57%	6.2E-01	5.3E+01	5.1E+02	No	Yes	Yes		No				X
	Sodium	7440-23-5	28	28	100%	NA	1.8E+03		Yes								X
	Thallium	7440-28-0	4	25	16%	1.7E+00	7.8E-01	7.2E+00	No	Yes	Yes		No				X
	Vanadium	7440-62-2	27	28	96%	4.0E-01	4.5E+01	7.2E+02	No	Yes	Yes		No				X
	Zinc	7440-66-6	28	28	100%	NA	4.2E+03	3.1E+04	No	Yes	Yes		No				X
	4,4'-DDD 4,4'-DDE	72-54-8	0	11	0%	8.3E-03	NA	1.2E+01	No	Yes	No	Yes	N				X
	4,4'-DDE 4.4'-DDT	72-55-9 50-29-3	4	11	9% 36%	7.6E-03 1.1E-02	2.7E-01	8.4E+00 8.4E+00	No No	Yes	Yes		No				X
	Aldrin	309-00-2	0	11	0%	4.4E-03	1.5E-02 NA	8.4E+00 1.7E-01	No	Yes Yes	Yes No	Yes	No				X
	alpha-BHC	319-84-6	0	11	0%	4.4E-03	NA NA	4.5E-01	No	Yes	No	Yes					X
	alpha-Chlordane	5103-71-9	0	7	0%	2.3E-03	NA	8.2E+00	No	Yes	No	Yes					X
	beta-BHC	319-85-7	0	11	0%	4.4E-03	NA	1.6E+00	No	Yes	No	Yes					X
	Chlordane	57-74-9	0	4	0%	8.0E-02	NA	8.2E+00	No	Yes	No	Yes					X
	delta-BHC	319-86-8	0	11	0%	4.4E-03	NA	2.2E+00	No	Yes	No	Yes					X
	Dieldrin	60-57-1	0	11	0%	8.3E-03	NA	1.8E-01	No	Yes	No	Yes					X
<u>s</u>	Endosulfan I	959-98-8	0	11	0%	4.4E-03	NA	6.1E+02	No	Yes	No	Yes					X
Pesticides	Endosulfan II	33213-65-9	0	11	0%	8.3E-03	NA	6.1E+02	No	Yes	No	Yes					X
es	Endosulfan Sulfate	1031-07-8	0	11	0%	8.3E-03	NA	6.1E+02	No	Yes	No	Yes					X
-	Endrin	72-20-8	0	11	0%	8.3E-03	NA	3.1E+01	No	Yes	No	Yes					X
	Endrin Aldehyde	7421-93-4	3	11 7	27%	9.8E-03 3.9E-03	9.8E-03		No	No					X		
	Endrin ketone gamma-BHC (Lindane)	53494-70-5 58-89-9	0	11	0%	4.4E-03	NA NA	2.2E+00	No No	No Yes	No	Yes			X		X
	gamma-Chlordane	5566-34-7	3	7	43%	2.4E-03	5.1E-03	8.2E+00	No	Yes	Yes	1 05	No				X
I	Heptachlor	76-44-8	0	11	0%	4.4E-03	NA	6.4E-01	No	Yes	No	Yes	110				X
I	Heptachlor Epoxide	1024-57-3	0	11	0%	4.4E-03	NA	3.1E-01	No	Yes	No	Yes					X
I	Isodrin	465-73-6	0	4	0%	8.0E-03	NA		No	No					X		
I	Kepone	143-50-0	0	4	0%	1.6E-02	NA	3.6E-01	No	Yes	No	Yes					X
	Methoxychlor	72-43-5	0	11	0%	4.0E-02	NA	5.1E+02	No	Yes	No	Yes					X
	Toxaphene	8001-35-2	0	11	0%	1.8E-01	NA	2.6E+00	No	Yes	No	Yes					X
_	Aroclor-1016	12674-11-2	0	37	0%	2.2E-01	NA	7.2E+00	No	Yes	No	Yes					X
Polychlorinated Biphenyls (PCBs)	Aroclor-1221	11104-28-2	0	37	0%	2.3E-01	NA 2 4F of	1.4E+00	No	Yes	No	Yes	N.				X
P E	Aroclor-1232	11141-16-5	1	37 37	3%	2.3E-01	2.4E-01	1.4E+00	No	Yes	Yes	V	No				X
yls	Aroclor-1242 Aroclor-1248	53469-21-9 12672-29-6	0	37	0% 0%	2.2E-01 2.2E-01	NA NA	1.4E+00 1.4E+00	No No	Yes Yes	No No	Yes Yes					X
ych	Aroclor-1248 Aroclor-1254	11097-69-1	1	37	3%	2.2E-01 2.3E-01	NA 2.9E-01	1.4E+00 1.4E+00	No No	Yes Yes	Yes	1 08	No				X
Pol Bipl	Aroclor-1260	11097-09-1	6	37	16%	2.6E-01	5.5E-01	1.4E+00	No	Yes	Yes		No		1		X
_	Aroclor-1268	11100-14-4	0	1	0%	4.8E-02	NA	1.4E+00	No	Yes	No	Yes	110				X
n Suc	Diesel fuel	68476-34-6	60	109	55%	7.1E+00	1.6E+05		No	No					X		
Petroleum ydrocarboi	Gasoline	8006-61-9	1	2	50%	2.5E+00	1.2E+01		No	No					X		
Petroleum Hydrocarbons	Oil and Grease	Oil/Grease	19	35	54%	2.5E+02	1.8E+04	NA	No	No					X		
Ή	Total Petroleum Hydrocarbons (TPH)	TPH	27	30	90%	2.0E+01	6.1E+03		No	No					X		

					ON-YARD I	DATA				COPC SE	LECTION S	TEPS			On-Yard S	oil COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Worker Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	2-Chloronaphthalene	91-58-7	0	97	0%	9.3E-01	NA	8.2E+03	No	Yes	No	Yes					X
	2-Methylnaphthalene	91-57-6	77	148	52%	1.6E+00	6.6E+02	2.0E+03	No	Yes	Yes		No				X
	Acenaphthene	83-32-9	20	133	15%	2.4E+00	6.4E+01	6.1E+03	No	Yes	Yes		No				X
•	Acenaphthylene	208-96-8	30	148	20%	3.1E+00	8.0E+00	2.0E+03	No	Yes	Yes	***	No				X
Polyaro matic Hydrocarbons (PAHs)	Aniline	62-53-3	0	41	0%	6.6E+00	NA 0.2E+01	5.0E+02	No	Yes	No	Yes	N.				X
ě	Anthracene Benzo[a]anthracene	120-12-7 56-55-3	80 92	149 149	54% 62%	3.7E+00 4.0E+00	9.3E+01 3.0E+02	3.1E+04 3.9E+00	No No	Yes Yes	Yes Yes		No Yes	X			X
ons	Benzo[a]pyrene	50-32-8	92	149	62%	4.0E+00 4.5E+00	2.0E+02	3.9E-01	No	Yes	Yes		Yes	X			
Ě	Benzo[b]fluoranthene	205-99-2	106	150	71%	5.7E+00	2.6E+02	3.9E+00	No	Yes	Yes		Yes	X			
300	Benzo[g,h,i]perylene	191-24-2	94	150	63%	4.0E+00	7.8E+01	2.0E+03	No	Yes	Yes		No				X
ž.	Benzo[k]fluoranthene	207-08-9	82	149	55%	3.9E+00	1.9E+02	3.9E+01	No	Yes	Yes		Yes	X			
E B	Chrysene	218-01-9	109	151	72%	5.0E+00	9.0E+02	3.9E+02	No	Yes	Yes		Yes	X			
a E	Dibenz[a,h]anthracene	53-70-3	43	148	29%	3.5E+00	4.2E+00	3.9E-01	No	Yes	Yes		Yes	X			
5	Dibenzofuran	132-64-9	35	114	31%	1.0E+00	1.5E+00	4.1E+02	No	Yes	Yes		No				X
<u>¥</u>	Fluoranthene	206-44-0	106	150	71%	6.6E+00	3.9E+01	4.1E+03	No	Yes	Yes		No				X
Po	Fluorene	86-73-7	22	133	17%	1.6E+00	1.1E+02	4.1E+03	No	Yes	Yes		No				X
	Indeno[1,2,3-c,d]pyrene	193-39-5	83	149	56%	5.1E+00	1.8E+01	3.9E+00	No	Yes	Yes		Yes	X			
	Naphthalene	91-20-3	68	150	45%	2.5E+00	1.3E+02	2.0E+03	No	Yes	Yes		No				X
	Phenanthrene	85-01-8	110	150	73%	2.5E+00	9.8E+02	2.0E+03	No	Yes	Yes		No				X
	Pyrene	129-00-0 120-82-1	120	151 134	79%	4.3E+00 2.7E+00	7.3E+02 1.2E+00	3.1E+03 1.0E+03	No No	Yes	Yes		No		-		X
	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene	95-50-1	0	134	2% 0%	2.7E+00 2.7E+00	1.2E+00 NA	9.2E+03	No No	Yes Yes	Yes No	Yes	No				X
	1,3-Dichlorobenzene	541-73-1	0	98	0%	9.2E-01	NA NA	3.1E+03	No	Yes	No	Yes					X
	1,4-Dichlorobenzene	106-46-7	1	134	1%	2.7E+00	1.1E+00	1.2E+02	No	Yes	Yes	103	No				X
	1-Methylnaphthalene	90-12-0	1	7	14%	3.8E-01	2.3E-01	1.21.02	No	No	1 03		140		X		
	2,4,5-Trichlorophenol	95-95-4	0	97	0%	2.2E+00	NA NA	1.0E+04	No	Yes	No	Yes					X
	2,4,6-Trichlorophenol	88-06-2	0	97	0%	9.3E-01	NA	2.6E+02	No	Yes	No	Yes					X
	2,4-Dichlorophenol	120-83-2	0	97	0%	9.3E-01	NA	3.1E+02	No	Yes	No	Yes					X
	2,4-Dimethylphenol	105-67-9	0	130	0%	2.8E+00	NA	2.0E+03	No	Yes	No	Yes					X
	2,4-Dinitrophenol	51-28-5	0	97	0%	2.4E+00	NA	2.0E+02	No	Yes	No	Yes					X
	2,4-Dinitrotoluene	121-14-2	0	132	0%	2.7E+00	NA	2.0E+02	No	Yes	No	Yes					X
	2,6-Dinitrotoluene	606-20-2	0	132	0%	2.7E+00	NA	1.0E+02	No	Yes	No	Yes					X
	2-Chlorophenol	95-57-8	1	98	1%	9.3E-01	1.9E+00	5.1E+02	No	Yes	Yes		No				X
	2-Methylphenol (o-Cresol)	95-48-7	0	130	0%	2.8E+00	NA	5.1E+03	No	Yes	No	Yes					X
	2-Nitroaniline 2-Nitrophenol	88-74-4 88-75-5	0	97	0%	2.4E+00	NA	5.8E+00	No	Yes	No	Yes			v		X
<u>s</u>	3,3'-Dichlorobenzidine	91-94-1	0	97 132	0% 1%	9.3E-01 2.9E+00	NA 8.0E-03	6.4E+00	No No	No	V		No		X		X
8	3-Nitroaniline	99-09-2	0	97	0%	2.4E+00	NA	3.1E+01	No	Yes Yes	Yes No	Yes	INO				X
S.	4,6-Dinitro-o-cresol	534-52-1	0	130	0%	1.2E+01	NA NA	1.0E+01	No	Yes	No	No				X	Α
ş	4-Bromophenyl-phenylether	101-55-3	0	1	0%	1.9E+00	NA		No	No	110	110			X		
1	4-Chloro-3-Methylphenol	59-50-7	2	98	2%	9.3E-01	1.3E+00		No	No					X		
Ē	4-Chloroaniline	106-47-8	0	97	0%	9.3E-01	NA	4.1E+02	No	Yes	No	Yes					X
Ö	4-Chlorophenyl-phenylether	7005-72-3	0	97	0%	9.3E-01	NA		No	No					X		
Ė.	4-Methylphenol (p-Cresol)	106-44-5	3	130	2%	2.8E+00	3.0E-01	5.1E+02	No	Yes	Yes		No				X
Semi-Volatile Organic Compunds (SVOCs)	4-Nitroaniline	100-01-6	0	97	0%	2.4E+00	NA	1.4E+02	No	Yes	No	Yes					X
e E	4-Nitrophenol	100-02-7	0	97	0%	2.4E+00	NA	8.2E+02	No	Yes	No	Yes					X
lat	bis(2-Chloroethoxy)methane	111-91-1	0	97	0%	9.3E-01	NA		No	No					X	-	1
A-	bis(2-Chloroethyl)ether	111-44-4	0	132	0%	2.7E+00	NA	2.6E+00	No	Yes	No	No				X	
Ë	bis(2-Chloroisopropyl)ether	108-60-1	0	125	0%	2.9E+00	NA 2 IE+01	4.1E+01	No	Yes	No	Yes	N.				X
Š	bis(2-Ethylhexyl)phthalate bis(n-octyl)phthalate	117-81-7 117-84-0	100 8	151 148	66% 5%	3.5E+00 2.8E+00	2.1E+01 6.2E-01	2.0E+02 2.0E+03	No No	Yes Yes	Yes Yes		No No				X
	Butylbenzylphthalate	85-68-7	42	148	28%	2.8E+00 3.4E+00	6.2E-01 2.6E+01	2.0E+03 2.0E+04	No No	Yes	Yes		No No		1		X
	Carbazole	86-74-8	54	148	36%	3.4E+00 3.8E+00	2.6E+01 1.8E+00	1.4E+02	No	Yes	Yes		No		1		X
	Dibutylphthalate	84-74-2	23	149	15%	3.0E+00	3.0E+00	1.0E+04	No	Yes	Yes		No				X
	Diethylphthalate	84-66-2	23	148	1%	2.7E+00	3.4E-01	8.2E+04	No	Yes	Yes		No				X
	Dimethylphthalate	131-11-3	5	97	5%	9.6E-01	2.8E-01	1.0E+06	No	Yes	Yes		No				X
	Hexachlorobenzene	118-74-1	0	132	0%	2.7E+00	NA	1.8E+00	No	Yes	No	No				X	
	Hexachlorobutadiene	87-68-3	0	133	0%	2.7E+00	NA	2.0E+01	No	Yes	No	Yes					X
	Hexachlorocyclopentadiene	77-47-4	0	97	0%	9.3E-01	NA	6.1E+02	No	Yes	No	Yes					X
	Hexachloroethane	67-72-1	0	132	0%	2.7E+00	NA	1.0E+02	No	Yes	No	Yes					X
	Isophorone	78-59-1	0	97	0%	9.3E-01	NA	3.0E+03	No	Yes	No	Yes					X
	Nitrobenzene	98-95-3	0	132	0%	2.7E+00	NA	5.1E+01	No	Yes	No	Yes					X
	N-Nitrosodiphenylamine	86-30-6	1	97	1%	9.3E-01	3.4E-02	5.8E+02	No	Yes	Yes		No				X
	n-Nitrosodipropylamine	621-64-7	1	133	1%	2.7E+00	1.3E+00	4.1E-01	No	Yes	Yes		Yes	X			
	Pentachlorophenol (PCP)	87-86-5	8	145	6%	1.2E+01	3.2E+00	2.4E+01	No	Yes	Yes		No				X
	Phenol	108-95-2	6	130	5%	2.6E+00	1.8E+01	3.1E+04	No	Yes	Yes	1	No			1	X

					ON-YARD I	DATA				COPC SE	LECTION S	TEPS			On-Yard So	oil COPCs	
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Worker Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2	Not a COPC
	1,1,1,2-Tetrachloroethane	630-20-6	0	108	0%	1.9E-02	NA	1.1E+02	No	Yes	No	Yes					X
	1,1,1-Trichloroethane	71-55-6	5	126	4%	2.0E-02	1.3E-01	2.9E+04	No	Yes	Yes		No				X
	1,1,2,2-Tetrachloroethane	79-34-5	3	124	2%	2.3E-02	7.6E-02	1.4E+01	No	Yes	Yes		No				X
•	1,1,2-Trichloroethane 1,1-Dichloroethane	79-00-5 75-34-3	3	124 124	1% 2%	2.4E-02 2.4E-02	5.0E-03 6.4E-03	5.0E+01 1.0E+04	No No	Yes Yes	Yes Yes		No No				X
	1,1-Dichloroethene	75-35-4	0	124	0%	1.0E-03	NA	5.1E+03	No	Yes	No	Yes	140				X
	1,1-Dichloropropene	563-58-6	0	1	0%	1.0E-03	NA		No	No	110	100			X		
	1,2,3-Trichlorobenzene	87-61-6	0	1	0%	1.0E-03	NA		No	No					X		
	1,2,3-Trichloropropane	96-18-4	1	123	1%	2.7E-02	5.0E-03	1.4E+00	No	Yes	Yes		No				X
	1,2,4-Trimethylbenzene	95-63-6	0	1	0%	1.0E-03	NA	5.1E+03	No	Yes	No	Yes					X
	1,2-Dibromo-3-chloropropane (DBCP) 1,2-Dichloroethane	96-12-8 107-06-2	1	124 124	1% 1%	4.4E-02 2.4E-02	1.0E-02 5.0E-03	2.0E+00 3.1E+01	No No	Yes Yes	Yes Yes		No No				X
	1,2-Dichloroethane	540-59-0	2	124	2%	3.7E-02	1.0E-02	9.2E+02	No No	Yes	Yes		No				X
}	1,2-Dichloropropane	78-87-5	1	124	1%	2.4E-02	5.0E-03	4.2E+01	No	Yes	Yes		No				X
	1,3,5-Trimethylbenzene	108-67-8	0	1	0%	1.0E-03	NA	5.1E+03	No	Yes	No	Yes					X
	1,3-Dichloropropane	142-28-9	0	1	0%	1.0E-03	NA		No	No					X		
	1,4-Dioxane	123-91-1	0	107	0%	5.8E-01	NA	2.6E+02	No	Yes	No	Yes					X
	2,2-Dichloropropane	594-20-7	0	1	0%	1.0E-03	NA		No	No		**			X		
	2-Chloro-1,3-butadiene (Chloroprene)	126-99-8	0	107	0%	1.9E-02	NA 1 OF LOO	2.0E+03	No No	Yes	No	Yes			*7		X
	2-Chloroethyl vinyl ether 2-Chlorotoluene	110-75-8 95-49-8	0	123	2% 0%	3.7E-02 1.0E-03	1.0E+00 NA	2.0E+03	No No	No Yes	No	Yes			X		X
	2-Uniorototuene 2-Hexanone	591-78-6	2	125	2%	4.4E-02	4.3E-02	4.1E+03	No	Yes	Yes	1 CS	No		+		X
	3-Chloropropene (Allyl Chloride)	107-05-1	0	107	0%	1.9E-02	NA		No	No	100		110		X		
	4-Chlorotoluene	106-43-4	0	1	0%	1.0E-03	NA		No	No					X		
	Acetone	67-64-1	26	127	20%	4.2E-02	1.6E+00	1.0E+04	No	Yes	Yes		No				X
	Acetonitrile	75-05-8	1	119	1%	9.1E-02	1.0E-02	1.7E+03	No	Yes	Yes		No				X
ŝ	Acrolein	107-02-8	1	118	1%	1.6E-01	1.0E-01	2.0E+03	No	Yes	Yes	**	No				X
8	Acrylonitrile Benzene	107-13-1 71-43-2	5	120 124	0% 4%	9.3E-02 2.0E-02	NA 1.3E-01	5.3E+00 5.2E+01	No No	Yes Yes	No Yes	Yes	No				X
Organic Compounds (VOCs)	Bromobenzene	108-86-1	0	124	0%	1.0E-03	NA	3.2E±01	No	No	1 05		INU		X		Α
i i	Bromodichloromethane	75-27-4	1	124	1%	2.4E-02	5.0E-03	4.6E+01	No	Yes	Yes		No				X
bor	Bromoform	75-25-2	1	124	1%	2.4E-02	5.0E-03	3.6E+02	No	Yes	Yes		No				X
, u	Bromomethane (Methyl bromide)	74-83-9	1	124	1%	4.0E-02	1.0E-02	1.4E+02	No	Yes	Yes		No				X
je C	Carbon Disulfide	75-15-0	1	124	1%	2.4E-02	5.0E-03	1.0E+04	No	Yes	Yes		No				X
gan	Carbon Tetrachloride	56-23-5	1	124	1%	2.4E-02	5.0E-03	2.2E+01	No	Yes	Yes		No				X
ō	Chlorobenzene Chlorodibromomethane	108-90-7 124-48-1	1	124 124	1% 1%	2.4E-02 2.4E-02	5.0E-03 5.0E-03	2.0E+03 3.4E+01	No No	Yes Yes	Yes Yes		No No				X
ij	Chloroethane (Ethyl chloride)	75-00-3	1	124	1%	2.4E-02 2.9E-02	5.0E-03	9.9E+02	No	Yes	Yes		No				X
	Chloroform	67-66-3	1	124	1%	2.4E-02	5.0E-03	1.0E+03	No	Yes	Yes		No				X
	Chloromethane (Methyl chloride)	74-87-3	2	124	2%	4.1E-02	1.0E-02	2.2E+02	No	Yes	Yes		No				X
	cis-1,2-Dichloroethene	156-59-2	0	10	0%	6.0E-03	NA	1.0E+03	No	Yes	No	Yes					X
	cis-1,3-Dichloropropene	10061-01-5	1	125	1%	2.4E-02	5.0E-03	2.9E+01	No	Yes	Yes		No				X
	Dibromomethane	74-95-3	0	108	0%	1.9E-02	NA	1.0E+03	No	Yes	No	Yes					X
	Dichlorodifluoromethane Dichloromethane	75-71-8 75-09-2	100	108 128	0% 78%	1.9E-02 1.2E-01	NA 4.4E-01	2.0E+04 3.8E+02	No No	Yes Yes	No Yes	Yes	No		+		X
	Ethyl Methacrylate	97-63-2	0	107	0%	9.6E-02	NA	9.2E+03	No	Yes	No	Yes	110		+		X
ł	Ethylbenzene	100-41-4	5	124	4%	6.2E-03	2.6E+00	1.0E+04	No	Yes	Yes		No				X
	Ethylene dibromide (EDB)	106-93-4	1	124	1%	4.4E-02	1.0E-02	3.4E-02	No	Yes	Yes		No				X
	Hexane	110-54-3	1	15	7%	8.6E-02	5.0E-03	6.1E+03	No	Yes	Yes		No	,		-	X
	Iodomethane	74-88-4	0	107	0%	1.9E-02	NA		No	No		**			X		
}	Isobutyl Alcohol	78-83-1 98-82-8	0	107	0%	1.9E-01	NA NA	3.1E+04	No No	Yes	No No	Yes			+		X
}	Isopropylbenzene Methacrylonitrile	98-82-8 126-98-7	0	123	0% 1%	1.0E-03 4.5E-02	NA 1.0E-02	1.0E+04 1.0E+01	No No	Yes Yes	No Yes	Yes	No		+		X
	Methyl ethyl ketone (MEK)	78-93-3	3	119	3%	4.5E-02 4.6E-02	4.4E-02	6.1E+04	No	Yes	Yes		No				X
	Methyl isobutyl ketone (MIBK)	108-10-1	9	125	7%	4.4E-02	2.0E-01	8.2E+03	No	Yes	Yes		No				X
	Methyl Metharcylate	80-62-6	0	107	0%	1.9E-02	NA	1.4E+05	No	Yes	No	Yes					X
	Methyl-t-butyl ether	1634-04-4	0	1	0%	1.0E-03	NA	7.2E+02	No	Yes	No	Yes					X
	n-Butylbenzene	104-51-8	0	1	0%	1.0E-03	NA	4.1E+03	No	Yes	No	Yes					X
	n-Propylbenzene	103-65-1	0	1	0%	1.0E-03	NA NA	4.1E+03	No	Yes	No	Yes			1		X
-	o-Xylene sec-Butylbenzene	95-47-6 135-98-8	0	1	0%	1.0E-03 1.0E-03	NA NA	2.0E+05 4.1E+03	No No	Yes	No No	Yes Yes			1		X
}	sec-Butylbenzene Styrene	135-98-8	1	124	1%	1.0E-03 2.4E-02	5.0E-03	4.1E+03 2.0E+04	No No	Yes Yes	Yes	ı es	No		+		X
}	tert-Butylbenzene	98-06-6	0	1	0%	1.0E-03	NA	4.1E+03	No	Yes	No	Yes	110		+		X
	Tetrachloroethene	127-18-4	8	124	6%	2.1E-02	3.8E-01	5.5E+01	No	Yes	Yes		No				X
	Toluene	108-88-3	12	125	10%	6.2E-03	4.1E+00	2.0E+04	No	Yes	Yes		No				X
i	trans-1,2-Dichloroethene	156-60-5	0	11	0%	5.5E-03	NA	2.0E+03	No	Yes	No	Yes					X

Human Health Risk Assessment for Ogden, Utah

					ON-YARD I	DATA				COPC SE	LECTION S	TEPS			On-Yard S	oil COPCs
Group	Analyte	CAS#	Number of Detections	Number of Samples	Detection Frequency (DF)	Mean Non- Detected Conc (mg/kg)	Maximum Detected Conc (mg/kg)	Worker Soil RBC (mg/kg)	Is cmpd a non- toxic essential nutrient?	Does cmpd have an RBC?	Is cmpd detected?	Is DL < RBC?	Is Max Detect > RBC?	QUANT COPC	QUAL COPC Type 1	QUAL COPC Type 2
	trans-1,3-Dichloropropene	10061-02-6	1	124	1%	2.4E-02	5.0E-03	2.9E+01	No	Yes	Yes		No			X
_	trans-1,4-Dichloro-2-Butene	110-57-6	0	107	0%	1.9E-02	NA	3.1E-01	No	Yes	No	Yes				X
뒫	Trichloroethene	79-01-6	2	124	2%	2.0E-02	9.2E-01	3.1E+01	No	Yes	Yes		No			X
3	Trichlorofluoromethane	75-69-4	2	124	2%	2.4E-02	5.0E-03	3.1E+04	No	Yes	Yes		No			X
ర	Vinyl Acetate	108-05-4	1	122	1%	3.7E-02	1.0E-02	1.0E+05	No	Yes	Yes		No			X
8	Vinyl Chloride	75-01-4	1	124	1%	4.0E-02	1.0E-02	2.0E+00	No	Yes	Yes		No			X
^	Xylenes (Total)	1330-20-7	9	123	7%	1.0E-02	2.1E+01	2.0E+05	No	Yes	Yes		No			X
	Xylenes-p,m	179601-23-1	0	1	0%	1.0E-03	NA	2.0E+05	No	Yes	No	Yes				X

TOTAL 17 22 3 157

APPENDIX D EXPOSURE POINT CONCENTRATION VALUES

- **D.1 SURFACE WATER**
- D.2 SEDIMENT
- **D.3 GROUNDWATER**
- D.4 FISH TISSUE
- D.5 OFF-YARD SURFACE SOIL
- D.6 ON-YARD SURFACE SOIL BY REGION
- D.7 ON-YARD SURFACE SOIL BY AOI



Appendix D.1 Summary of Exposure Point Concentrations for Surface Water COPCs

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

				Resul	ts							
Location	Medium	Chemical	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/L)
21st Street Pond	Surface Water	Dichloromethane	3/19	3.3E-03	3.3E-03	5.0E-04	6.1E-04	7.2E-04	6.6E-04	9.8E-04	8.6E-04	9.8E-04
Buena Ventura Park Pond	Surface Water	Dichloromethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
Ogden River - Reach B	Surface Water	Dichloromethane	1/8	2.9E-03	2.9E-03	5.0E-04	6.2E-04	8.0E-04	8.5E-04	1.4E-03	1.4E-03	1.4E-03
Weber River - Reach A	Surface Water	Dichloromethane	0/5	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
Weber River - Reach B	Surface Water	Dichloromethane	12/17	5.8E+00	5.8E+00	5.0E-04	7.8E-03	6.0E-01	1.6E+00	1.3E+00	2.0E+02	5.8E+00
Weber River - Reach C	Surface Water	Dichloromethane	3/11	2.5E-03	2.0E-03	5.0E-04	8.0E-04	1.0E-03	7.6E-04	1.4E-03	1.7E-03	1.7E-03
Weber River - Reach D	Surface Water	Dichloromethane	7/20	5.6E+00	5.6E+00	5.0E-04	2.1E-03	4.9E-01	1.5E+00	1.1E+00	2.0E+00	2.0E+00



Appendix D.2 Summary of Exposure Point Concentrations for Sediment COPCs

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

	Results Detect Max Max Min UCL95 EPC												
Location	Medium	Chemical	Detect	Max	Max	Min				UC	CL95	EPC	
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)	
21st Street Pond	Sediment	Aroclor-1260	5/16	5.5E-01	1.3E-01	2.0E-02	4.9E-02	8.2E-02	1.3E-01	1.4E-01	1.3E-01	1.3E-01	
21st Street Pond	Sediment	Benzo[a]anthracene	23/43	3.4E+02	3.4E+02	5.0E-03	4.5E-01	1.1E+01	5.3E+01	2.5E+01	1.2E+01	2.5E+01	
21st Street Pond	Sediment	Benzo[a]pyrene	29/43	3.5E+02	3.5E+02	6.0E-03	4.8E-01	1.2E+01	5.5E+01	2.6E+01	1.4E+01	2.6E+01	
21st Street Pond	Sediment	Benzo[b]fluoranthene	28/43	1.6E+02	1.6E+02	5.0E-03	3.8E-01	5.8E+00	2.5E+01	1.2E+01	9.0E+00	1.2E+01	
21st Street Pond	Sediment	Benzo[k]fluoranthene	27/43	1.7E+02	1.7E+02	5.0E-03	3.6E-01	5.9E+00	2.7E+01	1.3E+01	8.7E+00	1.3E+01	
21st Street Pond	Sediment	Dibenz[a,h]anthracene	18/43	7.2E+01	7.2E+01	3.0E-03	2.7E-01	2.3E+00	1.1E+01	5.1E+00	3.4E+00	5.1E+00	
21st Street Pond	Sediment	Indeno[1,2,3-c,d]pyrene	27/43	1.6E+02	1.6E+02	3.0E-03	4.4E-01	5.7E+00	2.5E+01	1.2E+01	8.5E+00	1.2E+01	
Buena Ventura Park Pond	Sediment	Aroclor-1260	0/3	4.1E-02	0.0E+00	3.2E-02	3.7E-02	3.7E-02	4.7E-03	4.5E-02	4.8E-02	3.7E-02	
Buena Ventura Park Pond	Sediment	Benzo[a]anthracene	2/8	4.1E+00	3.8E-02	3.1E-02	3.7E-01	9.6E-01	1.3E+00	1.8E+00	7.2E+01	3.8E-02	
Buena Ventura Park Pond	Sediment	Benzo[a]pyrene	2/8	4.1E+00	3.9E-02	2.8E-02	3.6E-01	9.6E-01	1.3E+00	1.8E+00	7.6E+01	3.9E-02	
Buena Ventura Park Pond	Sediment	Benzo[b]fluoranthene	2/8	4.1E+00	6.1E-02	3.5E-02	4.0E-01	9.6E-01	1.3E+00	1.9E+00	3.1E+01	6.1E-02	
Buena Ventura Park Pond	Sediment	Benzo[k]fluoranthene	2/8	4.1E+00	3.5E-02	2.8E-02	3.6E-01	9.6E-01	1.3E+00	1.8E+00	8.1E+01	3.5E-02	
Buena Ventura Park Pond	Sediment	Dibenz[a,h]anthracene	0/8	4.1E+00	0.0E+00	2.4E-02	3.4E-01	9.6E-01	1.3E+00	1.8E+00	1.2E+02	9.6E-01	
Buena Ventura Park Pond	Sediment	Indeno[1,2,3-c,d]pyrene	2/8	4.1E+00	1.6E-02	1.5E-02	3.0E-01	9.5E-01	1.3E+00	1.8E+00	4.1E+02	1.6E-02	
Ogden River - Reach A	Sediment	Aroclor-1260	0/10	4.7E-02	0.0E+00	2.1E-02	2.9E-02	3.0E-02	9.9E-03	3.6E-02	3.7E-02	3.0E-02	
Ogden River - Reach A	Sediment	Benzo[a]anthracene	4/8	3.1E+00	1.3E-01	8.8E-02	1.9E-01	5.0E-01	1.0E+00	1.2E+00	2.5E+00	1.3E-01	
Ogden River - Reach A	Sediment	Benzo[a]pyrene	4/8	3.1E+00	1.4E-01	7.7E-02	2.0E-01	5.0E-01	1.0E+00	1.2E+00	2.5E+00	1.4E-01	
Ogden River - Reach A	Sediment	Benzo[b]fluoranthene	4/8	3.1E+00	9.9E-02	5.7E-02	1.7E-01	4.8E-01	1.0E+00	1.2E+00	2.8E+00	9.9E-02	
Ogden River - Reach A	Sediment	Benzo[k]fluoranthene	4/8	3.1E+00	8.7E-02	5.9E-02	1.6E-01	4.8E-01	1.0E+00	1.2E+00	2.9E+00	8.7E-02	
Ogden River - Reach A	Sediment	Dibenz[a,h]anthracene	1/8	3.1E+00	2.4E-02	2.4E-02	1.9E-01	5.1E-01	0.0E+00	5.1E-01	4.4E+00	2.4E-02	
Ogden River - Reach A	Sediment	Indeno[1,2,3-c,d]pyrene	3/8	3.1E+00	6.6E-02	5.6E-02	1.8E-01	5.0E-01	1.0E+00	1.2E+00	3.5E+00	6.6E-02	
Ogden River - Reach B	Sediment	Aroclor-1260	11/15	4.2E+00	4.2E+00	2.3E-02	1.9E-01	6.9E-01	1.2E+00	1.2E+00	5.1E+00	4.2E+00	
Ogden River - Reach B	Sediment	Benzo[a]anthracene	18/21	1.4E+00	3.8E-01	3.7E-02	1.4E-01	2.5E-01	3.4E-01	3.8E-01	4.3E-01	3.8E-01	
Ogden River - Reach B	Sediment	Benzo[a]pyrene	17/21	1.4E+00	3.2E-01	4.1E-02	1.5E-01	2.6E-01	3.4E-01	3.8E-01	4.4E-01	3.2E-01	
Ogden River - Reach B	Sediment	Benzo[b]fluoranthene	16/21	1.5E+00	2.3E-01	3.3E-02	1.4E-01	2.9E-01	4.3E-01	4.6E-01	5.7E-01	2.3E-01	
Ogden River - Reach B	Sediment	Benzo[k]fluoranthene	15/21	1.5E+00	2.6E-01	2.4E-02	1.4E-01	3.0E-01	4.3E-01	4.6E-01	6.2E-01	2.6E-01	
Ogden River - Reach B	Sediment	Dibenz[a,h]anthracene	6/21	1.5E+00	5.9E-02	1.0E-02	1.6E-01	3.4E-01	4.3E-01	5.0E-01	1.2E+00	5.9E-02	
Ogden River - Reach B	Sediment	Indeno[1,2,3-c,d]pyrene	14/21	1.5E+00	1.8E-01	2.6E-02	1.4E-01	3.2E-01	4.4E-01	4.9E-01	7.3E-01	1.8E-01	
Ogden River - Reach C	Sediment	Aroclor-1260	3/4	2.3E-01	2.3E-01	2.4E-02	8.4E-02	1.1E-01	8.7E-02	2.1E-01	1.5E+00	2.3E-01	
Ogden River - Reach C	Sediment	Benzo[a]anthracene	5/7	2.4E-01	1.3E-01	2.4E-02	8.8E-02	1.2E-01	8.5E-02	1.8E-01	4.4E-01	1.3E-01	
Ogden River - Reach C	Sediment	Benzo[a]pyrene	5/7	2.4E-01	1.1E-01	2.7E-02	9.1E-02	1.2E-01	8.2E-02	1.8E-01	3.4E-01	1.1E - 01	
Ogden River - Reach C	Sediment	Benzo[b]fluoranthene	5/7	2.4E-01	1.0E-01	1.8E-02	7.6E-02	1.1E - 01	8.7E-02	1.7E-01	4.3E-01	1.0E-01	
Ogden River - Reach C	Sediment	Benzo[k]fluoranthene	5/7	2.4E-01	9.4E-02	1.7E-02	6.4E-02	9.8E-02	9.2E-02	1.7E-01	4.9E-01	9.4E-02	
Ogden River - Reach C	Sediment	Dibenz[a,h]anthracene	3/7	2.4E-01	2.2E-02	5.0E-03	5.6E-02	1.2E-01	1.1E - 01	2.0E-01	1.4E+01	2.2E-02	
Ogden River - Reach C	Sediment	Indeno[1,2,3-c,d]pyrene	5/7	2.4E-01	6.0E-02	1.7E-02	6.3E-02	9.5E-02	9.2E-02	1.6E-01	4.7E-01	6.0E-02	

Sediment.xls: EPCSTAT Output

11/18/2002

Appendix D.2 Summary of Exposure Point Concentrations for Sediment COPCs

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

				Resul	ts							
Location	Madiana	Chamiaal	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
Pioneer Power Plant	Sediment	Aroclor-1260	0/4	2.6E-02	0.0E+00	1.9E-02	2.2E-02	2.2E-02	2.7E-03	2.6E-02	2.6E-02	2.2E-02
Wall Ave Storm Drain	Sediment	Aroclor-1260	1/2	2.1E-02	2.0E-02	2.0E-02	2.0E-02	2.0E-02	0.0E+00	2.0E-02	2.1E-02	2.0E-02
Weber River - Reach A	Sediment	Aroclor-1260	0/2	7.5E-02	0.0E+00	3.9E-02	5.4E-02	5.7E-02	2.5E-02	1.7E-01	1.2E+00	5.7E-02
Weber River - Reach A	Sediment	Benzo[a]anthracene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach A	Sediment	Benzo[a]pyrene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach A	Sediment	Benzo[b]fluoranthene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach A	Sediment	Benzo[k]fluoranthene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach A	Sediment	Dibenz[a,h]anthracene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach A	Sediment	Indeno[1,2,3-c,d]pyrene	0/2	3.0E+00	0.0E+00	1.6E+00	2.1E+00	2.3E+00	9.9E-01	6.7E+00	4.6E+01	2.3E+00
Weber River - Reach B	Sediment	Aroclor-1260	0/10	4.7E-02	0.0E+00	3.2E-02	4.0E-02	4.0E-02	3.5E-03	4.2E-02	4.2E-02	4.0E-02
Weber River - Reach B	Sediment	Benzo[a]anthracene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach B	Sediment	Benzo[a]pyrene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach B	Sediment	Benzo[b]fluoranthene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach B	Sediment	Benzo[k]fluoranthene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach B	Sediment	Dibenz[a,h]anthracene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach B	Sediment	Indeno[1,2,3-c,d]pyrene	0/10	1.9E+00	0.0E+00	1.7E-01	2.6E-01	4.5E-01	6.2E-01	8.1E-01	1.1E+00	4.5E-01
Weber River - Reach C	Sediment	Aroclor-1260	0/5	5.0E-02	0.0E+00	4.0E-02	4.2E-02	4.2E-02	4.5E-03	4.6E-02	4.7E-02	4.2E-02
Weber River - Reach C	Sediment	Benzo[a]anthracene	1/5	2.1E+00	8.5E-02	8.5E-02	2.4E-01	5.3E-01	0.0E+00	5.3E-01	2.1E+01	8.5E-02
Weber River - Reach C	Sediment	Benzo[a]pyrene	1/5	2.1E+00	7.6E-02	7.6E-02	2.3E-01	5.2E-01	0.0E+00	5.2E-01	2.3E+01	7.6E-02
Weber River - Reach C	Sediment	Benzo[b]fluoranthene	1/5	2.1E+00	1.1E-01	1.1E-01	2.5E-01	5.3E-01	0.0E+00	5.3E-01	1.8E+01	1.1E-01
Weber River - Reach C	Sediment	Benzo[k]fluoranthene	1/5	2.1E+00	3.7E-02	3.7E-02	2.0E-01	5.2E-01	0.0E+00	5.2E-01	1.0E+02	3.7E-02
Weber River - Reach C	Sediment	Dibenz[a,h]anthracene	0/5	2.1E+00	0.0E+00	1.7E-01	2.7E-01	5.4E-01	8.4E-01	1.3E+00	1.5E+01	5.4E-01
Weber River - Reach C	Sediment	Indeno[1,2,3-c,d]pyrene	0/5	2.1E+00	0.0E+00	1.7E-01	2.7E-01	5.4E-01	8.4E-01	1.3E+00	1.5E+01	5.4E-01
Weber River - Reach D	Sediment	Aroclor-1260	0/15	7.0E-02	0.0E+00	2.2E-02	3.5E-02	3.6E-02	1.1E-02	4.1E-02	4.2E-02	3.6E-02
Weber River - Reach D	Sediment	Benzo[a]anthracene	1/10	2.9E+00	8.0E-02	8.0E-02	4.7E-01	9.0E-01	0.0E+00	9.0E-01	5.3E+00	8.0E-02
Weber River - Reach D	Sediment	Benzo[a]pyrene	1/10	2.9E+00	5.4E-02	5.4E-02	4.5E-01	9.0E-01	0.0E+00	9.0E-01	6.0E+00	5.4E-02
Weber River - Reach D	Sediment	Benzo[b]fluoranthene	1/10	2.9E+00	7.5E-02	7.5E-02	4.7E-01	9.0E-01	0.0E+00	9.0E-01	5.4E+00	7.5E-02
Weber River - Reach D	Sediment	Benzo[k]fluoranthene	0/10	2.9E+00	0.0E+00	1.7E-01	5.1E-01	9.1E-01	9.2E-01	1.4E+00	4.5E+00	9.1E-01
Weber River - Reach D	Sediment	Dibenz[a,h]anthracene	0/10	2.9E+00	0.0E+00	1.7E-01	5.1E-01	9.1E-01	9.2E-01	1.4E+00	4.5E+00	9.1E-01
Weber River - Reach D	Sediment	Indeno[1,2,3-c,d]pyrene	0/10	2.9E+00	0.0E+00	1.7E-01	5.1E-01	9.1E-01	9.2E-01	1.4E+00	4.5E+00	9.1E-01

11/18/2002

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 1	Groundwater	1,1,1-Trichloroethane	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	1,1,2-Trichloroethane	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	1,1-Dichloroethane	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	1,2,3-Trichloropropane	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	1,2-Dichloroethane	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	1,2-Dichloroethene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	1,4-Dichlorobenzene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	2,6-Dinitrotoluene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	2-Methylnaphthalene	1/2	5.0E-03	4.5E-03	4.5E-03	4.7E-03	4.8E-03	0.0E+00	4.8E-03	5.8E-03	4.5E-03
AOI 1	Groundwater	4,6-Dinitro-o-cresol	0/2	1.3E-02	0.0E+00	1.3E-02	1.3E-02	1.3E-02	0.0E+00	1.3E-02	1.3E-02	1.3E-02
AOI 1	Groundwater	4-Methylphenol (p-Cresol)	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Acenaphthene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Acetone	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Benzene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Benzo[a]anthracene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Benzo[a]pyrene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Benzo[b]fluoranthene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Benzo[k]fluoranthene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	bis(2-Chloroethyl)ether	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	bis(2-Ethylhexyl)phthalate	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Carbazole	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Chlorodibromomethane	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Chloroethane (Ethyl chloride)	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Chloromethane (Methyl chloride)	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Chrysene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Dibenz[a,h]anthracene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Dibenzofuran	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Dichloromethane	1/2	3.7E-03	3.7E-03	2.5E-03	3.0E-03	3.1E-03	8.5E-04	6.9E-03	9.9E-03	3.7E-03
AOI 1	Groundwater	Ethylbenzene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Fluoranthene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Fluorene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Indeno[1,2,3-c,d]pyrene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Naphthalene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	n-Nitrosodipropylamine	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Pentachlorophenol (PCP)	0/2	1.3E-02	0.0E+00	1.3E-02	1.3E-02	1.3E-02	0.0E+00	1.3E-02	1.3E-02	1.3E-02

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 1 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 1	Groundwater	Phenanthrene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Pyrene	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Tetrachloroethene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Toluene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Trichloroethene	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 1	Groundwater	Vinyl Chloride	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 1	Groundwater	Xylenes (Total)	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 12	Groundwater	1,1,1-Trichloroethane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	1,1,2-Trichloroethane	1/11	2.5E-03	1.0E-03	5.0E-04	8.3E-04	1.1E-03	9.2E-04	1.6E-03	1.9E-03	1.0E-03
AOI 12	Groundwater	1,1-Dichloroethane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	1,2,3-Trichloropropane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	1,2-Dichloroethane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	1,2-Dichloroethene	0/12	5.0E-03	0.0E+00	1.0E-03	1.5E-03	2.0E-03	1.8E-03	2.9E-03	3.3E-03	2.0E-03
AOI 12	Groundwater	1,4-Dichlorobenzene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	2,6-Dinitrotoluene	0/12	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 12	Groundwater	2-Methylnaphthalene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	4,6-Dinitro-o-cresol	0/12	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	1.2E-10	5.0E-03	5.0E-03	5.0E-03
AOI 12	Groundwater	4-Methylphenol (p-Cresol)	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	Acenaphthene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	Acetone	0/9	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	Arsenic	3/12	1.0E-02	8.6E-03	8.0E-04	3.8E-03	5.0E-03	3.6E-03	6.8E-03	9.7E-03	8.6E-03
AOI 12	Groundwater	Barium	12/12	5.9E-01	5.9E-01	2.2E-01	3.2E-01	3.4E-01	1.1E-01	4.0E-01	4.0E-01	4.0E-01
AOI 12	Groundwater	Benzene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Benzo[a]anthracene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	Benzo[a]pyrene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	Benzo[b]fluoranthene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	Benzo[k]fluoranthene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	bis(2-Chloroethyl)ether	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	bis(2-Ethylhexyl)phthalate	3/12	5.9E-02	5.9E-02	1.0E-04	8.7E-04	6.5E-03	1.7E-02	1.5E-02	1.3E-01	5.9E-02
AOI 12	Groundwater	Cadmium	3/12	4.7E-03	4.7E-03	7.5E-05	4.8E-04	1.3E-03	1.5E-03	2.0E-03	1.7E-02	4.7E-03
AOI 12	Groundwater	Carbazole	0/12	3.5E-03	0.0E+00	3.0E-03	3.1E-03	3.1E-03	1.9E-04	3.2E-03	3.2E-03	3.1E-03
AOI 12	Groundwater	Chlorodibromomethane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Chloroethane (Ethyl chloride)	0/12	5.0E-03	0.0E+00	5.0E-04	1.3E-03	1.9E-03	1.9E-03	2.9E-03	3.9E-03	1.9E-03
AOI 12	Groundwater	Chloromethane (Methyl chloride)	0/12	5.0E-03	0.0E+00	5.0E-04	1.3E-03	1.9E-03	1.9E-03	2.9E-03	3.9E-03	1.9E-03
AOI 12	Groundwater	Chromium	6/12	3.7E-03	3.7E-03	1.5E-04	4.5E-04	8.9E-04	1.1E-03	1.5E-03	3.2E-03	3.2E-03

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 2 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 12	Groundwater	Chrysene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	cis-1,2-Dichloroethene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Dibenz[a,h]anthracene	0/12	1.5E-03	0.0E+00	1.0E-03	1.1E-03	1.1E-03	2.3E-04	1.2E-03	1.2E-03	1.1E-03
AOI 12	Groundwater	Dichloromethane	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Ethylbenzene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Fluoranthene	1/12	1.5E-03	1.0E-04	1.0E-04	9.1E-04	1.1E-03	0.0E+00	1.1E-03	2.0E-03	1.0E-04
AOI 12	Groundwater	Fluorene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	Indeno[1,2,3-c,d]pyrene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	Lead	3/12	1.0E-02	1.0E-02	5.5E-04	1.9E-03	3.1E-03	2.9E-03	4.6E-03	9.0E-03	3.1E-03
AOI 12	Groundwater	Mercury	1/12	2.5E-04	2.4E-05	8.5E-06	1.9E-05	5.2E-05	9.3E-05	1.0E-04	1.4E-04	2.4E-05
AOI 12	Groundwater	Naphthalene	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	n-Nitrosodipropylamine	0/12	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 12	Groundwater	Pentachlorophenol (PCP)	2/12	3.0E-03	3.0E-03	5.0E-04	1.0E-03	1.2E-03	8.6E-04	1.7E-03	1.8E-03	1.8E-03
AOI 12	Groundwater	Phenanthrene	0/12	1.0E-03	0.0E+00	5.0E-04	8.4E-04	8.8E-04	2.3E-04	9.9E-04	1.1E-03	8.8E-04
AOI 12	Groundwater	Pyrene	1/12	1.0E-03	1.0E-04	1.0E-04	8.3E-04	9.3E-04	0.0E+00	9.3E-04	1.7E-03	1.0E-04
AOI 12	Groundwater	Selenium	5/12	2.0E-02	2.0E-02	1.8E-03	8.5E-03	1.1E-02	7.3E-03	1.5E-02	2.5E-02	2.0E-02
AOI 12	Groundwater	Silver	3/12	5.0E-03	2.4E-03	7.0E-04	2.4E-03	2.7E-03	1.4E-03	3.5E-03	4.1E-03	2.4E-03
AOI 12	Groundwater	Tetrachloroethene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Toluene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Trichloroethene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 12	Groundwater	Vinyl Chloride	0/12	5.0E-03	0.0E+00	5.0E-04	1.3E-03	1.9E-03	1.9E-03	2.9E-03	3.9E-03	1.9E-03
AOI 12	Groundwater	Xylenes (Total)	0/12	5.0E-03	0.0E+00	5.0E-04	1.5E-03	2.1E-03	1.8E-03	3.1E-03	4.5E-03	2.1E-03
AOI 13	Groundwater	1,1,1-Trichloroethane	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	1,1,2-Trichloroethane	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	1,1-Dichloroethane	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	1,2,3-Trichloropropane	0/10	2.5E-02	0.0E+00	5.0E-03	6.3E-03	7.5E-03	6.3E-03	1.1E-02	1.1E-02	7.5E-03
AOI 13	Groundwater	1,2-Dichloroethane	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	1,2-Dichloroethene	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	1,4-Dichlorobenzene	0/6	5.0E-02	0.0E+00	5.0E-03	7.3E-03	1.3E-02	1.8E-02	2.8E-02	4.8E-02	1.3E-02
AOI 13	Groundwater	2,6-Dinitrotoluene	1/9	5.0E-02	7.4E-03	5.0E-05	1.5E-03	8.6E-03	1.6E-02	1.8E-02	2.2E+01	7.4E-03
AOI 13	Groundwater	2-Methylnaphthalene	5/10	1.3E+00	1.3E+00	2.0E-04	3.4E-03	1.3E-01	4.1E-01	3.7E-01	1.5E+01	1.3E+00
AOI 13	Groundwater	4,6-Dinitro-o-cresol	0/6	1.3E-01	0.0E+00	1.3E-02	1.8E-02	3.1E-02	4.6E-02	6.9E-02	1.2E-01	3.1E-02
AOI 13	Groundwater	4-Methylphenol (p-Cresol)	0/6	5.0E-02	0.0E+00	5.0E-03	7.3E-03	1.3E-02	1.8E-02	2.8E-02	4.8E-02	1.3E-02
AOI 13	Groundwater	Acenaphthene	27/32	5.0E-02	9.0E-03	2.0E-04	1.3E-03	3.6E-03	8.8E-03	6.2E-03	5.5E-03	6.2E-03
AOI 13	Groundwater	Acetone	1/10	2.5E-02	2.0E-03	2.0E-03	5.7E-03	7.2E-03	0.0E+00	7.2E-03	1.2E-02	2.0E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 3 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 13	Groundwater	Arsenic	2/2	6.4E-02	6.4E-02	4.8E-02	5.5E-02	5.6E-02	1.1E-02	1.1E-01	1.1E-01	6.4E-02
AOI 13	Groundwater	Barium	2/2	1.6E+00	1.6E+00	1.1E+00	1.3E+00	1.4E+00	3.5E-01	2.9E+00	4.1E+00	1.6E+00
AOI 13	Groundwater	Benzene	22/32	3.6E-02	3.6E-02	5.0E-04	5.6E-03	1.0E-02	9.7E-03	1.3E-02	2.5E-02	2.5E-02
AOI 13	Groundwater	Benzo[a]anthracene	1/32	5.0E-02	1.0E-04	1.0E-04	1.4E-03	3.1E-03	0.0E+00	3.1E-03	3.4E-03	1.0E-04
AOI 13	Groundwater	Benzo[a]pyrene	1/32	5.0E-02	1.0E-04	5.0E-05	9.9E-04	3.0E-03	8.7E-03	5.6E-03	4.5E-03	1.0E-04
AOI 13	Groundwater	Benzo[b]fluoranthene	1/32	5.0E-02	2.0E-04	2.0E-04	1.4E-03	3.1E-03	0.0E+00	3.1E-03	3.2E-03	2.0E-04
AOI 13	Groundwater	Benzo[k]fluoranthene	0/32	5.0E-02	0.0E+00	1.0E-03	1.5E-03	3.2E-03	8.7E-03	5.8E-03	3.1E-03	3.2E-03
AOI 13	Groundwater	bis(2-Chloroethyl)ether	0/6	5.0E-02	0.0E+00	5.0E-03	7.3E-03	1.3E-02	1.8E-02	2.8E-02	4.8E-02	1.3E-02
AOI 13	Groundwater	bis(2-Ethylhexyl)phthalate	1/6	5.1E-01	5.1E-01	5.0E-03	1.1E-02	8.9E-02	2.1E-01	2.6E-01	1.9E+01	5.1E-01
AOI 13	Groundwater	Cadmium	2/2	6.7E-03	6.7E-03	2.4E-03	4.0E-03	4.6E-03	3.0E-03	1.8E-02	3.9E+00	6.7E-03
AOI 13	Groundwater	Carbazole	1/6	5.0E-02	1.0E-03	1.0E-03	5.6E-03	1.2E-02	0.0E+00	1.2E-02	1.5E-01	1.0E-03
AOI 13	Groundwater	Chlorodibromomethane	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03
AOI 13	Groundwater	Chloroethane (Ethyl chloride)	0/10	1.3E-02	0.0E+00	5.0E-03	5.5E-03	5.8E-03	2.4E-03	7.1E-03	6.9E-03	5.8E-03
AOI 13	Groundwater	Chloromethane (Methyl chloride)	0/10	1.3E-02	0.0E+00	5.0E-03	5.5E-03	5.8E-03	2.4E-03	7.1E-03	6.9E-03	5.8E-03
AOI 13	Groundwater	Chromium	2/2	2.3E-01	2.3E-01	3.9E-02	9.5E-02	1.3E-01	1.4E-01	7.4E-01	1.6E+08	2.3E-01
AOI 13	Groundwater	Chrysene	1/32	5.0E-02	1.0E-04	1.0E-04	1.1E-03	3.0E-03	0.0E+00	3.0E-03	3.3E-03	1.0E-04
AOI 13	Groundwater	Dibenz[a,h]anthracene	0/32	5.0E-02	0.0E+00	5.0E-05	1.1E-03	3.1E-03	8.7E-03	5.7E-03	5.2E-03	3.1E-03
AOI 13	Groundwater	Dibenzofuran	0/6	5.0E-02	0.0E+00	5.0E-03	7.3E-03	1.3E-02	1.8E-02	2.8E-02	4.8E-02	1.3E-02
AOI 13	Groundwater	Dichloromethane	6/10	8.0E-03	8.0E-03	1.4E-03	3.0E-03	3.4E-03	1.9E-03	4.5E-03	4.8E-03	4.8E-03
AOI 13	Groundwater	Ethylbenzene	15/32	5.1E-02	5.1E-02	5.0E-04	3.4E-03	1.0E-02	1.5E-02	1.4E-02	2.7E-02	2.7E-02
AOI 13	Groundwater	Fluoranthene	11/32	4.5E-02	4.5E-02	1.0E-04	1.1E-03	2.8E-03	7.9E-03	5.2E-03	3.7E-03	5.2E-03
AOI 13	Groundwater	Fluorene	17/32	5.0E-02	1.1E-02	9.0E-05	1.2E-03	3.8E-03	8.8E-03	6.5E-03	9.2E-03	9.2E-03
AOI 13	Groundwater	Indeno[1,2,3-c,d]pyrene	0/32	5.0E-02	0.0E+00	1.0E-03	1.5E-03	3.2E-03	8.7E-03	5.8E-03	3.1E-03	3.2E-03
AOI 13	Groundwater	Lead	2/2	1.6E+00	1.6E+00	2.1E-01	5.8E-01	9.1E - 01	9.8E-01	5.3E+00	2.7E+12	9.1E-01
AOI 13	Groundwater	Mercury	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 13	Groundwater	Naphthalene	33/54	5.3E-01	5.3E-01	8.0E-05	2.4E-03	3.2E-02	8.7E-02	5.2E-02	7.6E-02	7.6E-02
AOI 13	Groundwater	n-Nitrosodipropylamine	0/9	5.0E-02	0.0E+00	5.0E-05	1.4E-03	8.4E-03	1.6E-02	1.8E-02	1.8E+01	8.4E-03
AOI 13	Groundwater	Pentachlorophenol (PCP)	0/6	1.3E-01	0.0E+00	1.3E-02	1.8E-02	3.1E-02	4.6E-02	6.9E-02	1.2E-01	3.1E-02
AOI 13	Groundwater	Phenanthrene	11/32	4.8E-01	4.8E-01	2.0E-04	1.9E-03	1.8E-02	8.4E-02	4.3E-02	1.2E-02	4.3E-02
AOI 13	Groundwater	Pyrene	12/32	4.3E-02	4.3E-02	1.0E-04	9.2E-04	2.7E-03	7.5E-03	5.0E-03	3.7E-03	5.0E-03
AOI 13	Groundwater	Selenium	0/2	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03	0.0E+00	2.5E-03	2.5E-03	2.5E-03
AOI 13	Groundwater	Silver	1/2	1.2E-02	1.2E-02	5.0E-03	7.7E-03	8.5E-03	4.9E-03	3.1E-02	1.2E+00	1.2E-02
AOI 13	Groundwater	Tetrachloroethene	1/10	1.3E-02	1.9E-03	1.9E-03	3.1E-03	3.7E-03	0.0E+00	3.7E-03	5.5E-03	1.9E-03
AOI 13	Groundwater	Toluene	13/32	1.3E-02	4.9E-03	5.0E-04	1.2E-03	1.9E-03	2.3E-03	2.5E-03	2.6E-03	2.6E-03
AOI 13	Groundwater	Trichloroethene	0/10	1.3E-02	0.0E+00	2.5E-03	3.1E-03	3.8E-03	3.2E-03	5.6E-03	5.4E-03	3.8E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

2 Page 4 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 13	Groundwater	Vinyl Chloride	0/10	1.3E-02	0.0E+00	1.0E-03	3.4E-03	4.6E-03	3.4E-03	6.5E-03	1.2E-02	4.6E-03
AOI 13	Groundwater	Xylenes (Total)	22/32	5.8E-02	5.8E-02	5.0E-04	3.9E-03	8.8E-03	1.4E-02	1.3E-02	1.5E-02	1.5E-02
AOI 18	Groundwater	1,1,1-Trichloroethane	5/5	6.2E-02	6.2E-02	1.1E-02	2.1E-02	2.6E-02	2.1E-02	4.6E-02	9.4E-02	6.2E-02
AOI 18	Groundwater	1,1,2-Trichloroethane	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	1,1-Dichloroethane	3/5	1.0E-03	1.0E-03	5.0E-04	7.1E-04	7.4E-04	2.5E-04	9.8E-04	1.1E-03	1.0E-03
AOI 18	Groundwater	1,2,3-Trichloropropane	0/5	5.0E-03	0.0E+00	5.0E-04	9.9E-04	1.6E-03	1.9E-03	3.5E-03	2.1E-02	1.6E-03
AOI 18	Groundwater	1,2-Dichloroethane	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	1,2-Dichloroethene	0/5	2.5E-03	0.0E+00	1.0E-03	1.2E-03	1.3E-03	6.7E-04	1.9E-03	2.2E-03	1.3E-03
AOI 18	Groundwater	1,4-Dichlorobenzene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	2,6-Dinitrotoluene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 18	Groundwater	2-Methylnaphthalene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	4,6-Dinitro-o-cresol	0/4	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 18	Groundwater	4-Methylphenol (p-Cresol)	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Acenaphthene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Acetone	0/5	5.0E-03	0.0E+00	1.0E-03	1.7E-03	2.1E-03	1.7E-03	3.8E-03	8.3E-03	2.1E-03
AOI 18	Groundwater	Arsenic	1/4	1.0E-02	3.8E-03	8.0E-04	2.9E-03	4.2E-03	4.1E-03	9.0E-03	9.9E-02	3.8E-03
AOI 18	Groundwater	Barium	4/4	1.1E-01	1.1E-01	7.9E-02	9.3E-02	9.4E-02	1.4E-02	1.1E-01	1.1E-01	1.1E-01
AOI 18	Groundwater	Benzene	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	Benzo[a]anthracene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Benzo[a]pyrene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Benzo[b]fluoranthene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Benzo[k]fluoranthene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	bis(2-Chloroethyl)ether	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	bis(2-Ethylhexyl)phthalate	1/4	7.0E-03	7.0E-03	5.0E-05	5.7E-04	2.1E-03	3.3E-03	6.0E-03	3.8E+02	7.0E-03
AOI 18	Groundwater	Cadmium	1/4	2.5E-03	1.8E-03	8.0E-05	4.2E-04	1.1E-03	1.2E-03	2.6E-03	6.5E+01	1.8E-03
AOI 18	Groundwater	Carbazole	0/4	3.0E-03	0.0E+00	3.0E-03	3.0E-03	3.0E-03	0.0E+00	3.0E-03	3.0E-03	3.0E-03
AOI 18	Groundwater	Chlorodibromomethane	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	Chloroethane (Ethyl chloride)	0/5	5.0E-03	0.0E+00	5.0E-04	1.0E-03	1.6E-03	1.9E-03	3.4E-03	1.3E-02	1.6E-03
AOI 18	Groundwater	Chloromethane (Methyl chloride)	0/5	5.0E-03	0.0E+00	5.0E-04	1.0E-03	1.6E-03	1.9E-03	3.4E-03	1.3E-02	1.6E-03
AOI 18	Groundwater	Chromium	3/4	1.5E-03	1.5E-03	7.5E-04	1.0E-03	1.1E-03	3.3E-04	1.4E-03	1.6E-03	1.5E-03
AOI 18	Groundwater	Chrysene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	cis-1,2-Dichloroethene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 18	Groundwater	Dibenz[a,h]anthracene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Dichloromethane	1/5	1.1E-03	1.1E-03	5.0E-04	5.9E-04	6.2E-04	2.7E-04	8.8E-04	9.9E-04	9.9E-04
AOI 18	Groundwater	Ethylbenzene	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 5 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 18	Groundwater	Fluoranthene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Fluorene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Indeno[1,2,3-c,d]pyrene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Lead	0/4	5.0E-03	0.0E+00	5.5E-04	1.5E-03	2.2E-03	2.1E-03	4.7E-03	6.2E-02	2.2E-03
AOI 18	Groundwater	Mercury	0/4	3.9E-05	0.0E+00	8.5E-06	1.7E-05	2.1E-05	1.4E-05	3.7E-05	9.4E-05	2.1E-05
AOI 18	Groundwater	Naphthalene	1/3	1.0E-03	3.0E-04	3.0E-04	6.7E-04	7.7E-04	0.0E+00	7.7E-04	7.5E-02	3.0E-04
AOI 18	Groundwater	n-Nitrosodipropylamine	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Pentachlorophenol (PCP)	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Phenanthrene	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 18	Groundwater	Pyrene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 18	Groundwater	Selenium	2/4	5.2E-03	5.2E-03	1.1E-03	2.9E-03	3.3E-03	1.7E-03	5.4E-03	1.6E-02	5.2E-03
AOI 18	Groundwater	Silver	2/4	3.0E-03	3.0E-03	1.6E-04	8.4E-04	1.3E-03	1.2E-03	2.8E-03	1.5E-01	3.0E-03
AOI 18	Groundwater	Tetrachloroethene	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	Toluene	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	Trichloroethene	0/5	2.5E-03	0.0E+00	5.0E-04	6.9E-04	9.0E-04	8.9E-04	1.8E-03	3.3E-03	9.0E-04
AOI 18	Groundwater	Vinyl Chloride	0/5	5.0E-03	0.0E+00	5.0E-04	1.0E-03	1.6E-03	1.9E-03	3.4E-03	1.3E-02	1.6E-03
AOI 18	Groundwater	Xylenes (Total)	0/5	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.5E-03	7.1E-04	2.2E-03	4.2E-03	1.5E-03
AOI 19	Groundwater	1,1,1-Trichloroethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	1,1,2-Trichloroethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	1,1-Dichloroethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	1,2,3-Trichloropropane	0/4	1.5E-03	0.0E+00	5.0E-04	6.6E-04	7.5E-04	5.0E-04	1.3E-03	6.6E-04	7.5E-04
AOI 19	Groundwater	1,2-Dichloroethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	1,2-Dichloroethene	0/4	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03
AOI 19	Groundwater	1,4-Dichlorobenzene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	2,6-Dinitrotoluene	0/4	5.0E-04	0.0E+00	5.0E-05	2.8E-04	3.9E-04	2.3E-04	6.5E-04	2.9E-02	3.9E-04
AOI 19	Groundwater	2-Methylnaphthalene	1/4	2.0E-03	2.0E-03	1.0E-04	6.7E-04	1.0E-03	7.8E-04	1.9E-03	1.5E-01	2.0E-03
AOI 19	Groundwater	4,6-Dinitro-o-cresol	0/4	5.0E-03	0.0E+00	5.0E-04	2.8E-03	3.9E-03	2.3E-03	6.5E-03	2.9E-01	3.9E-03
AOI 19	Groundwater	4-Methylphenol (p-Cresol)	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04
AOI 19	Groundwater	Acenaphthene	4/4	8.0E-04	8.0E-04	4.0E-04	6.1E-04	6.3E-04	1.7E-04	8.3E-04	9.6E-04	8.0E-04
AOI 19	Groundwater	Acetone	0/4	2.5E-03	0.0E+00	1.0E-03	1.3E-03	1.4E-03	7.5E-04	2.3E-03	3.0E-03	1.4E-03
AOI 19	Groundwater	Arsenic	0/4	1.0E-02	0.0E+00	8.0E-04	2.6E-03	3.9E-03	4.1E-03	8.8E-03	8.4E-02	3.9E-03
AOI 19	Groundwater	Barium	4/4	4.6E-01	4.6E-01	3.8E-01	4.1E-01	4.1E-01	3.9E-02	4.5E-01	4.6E-01	4.6E-01
AOI 19	Groundwater	Benzene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Benzo[a]anthracene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	Benzo[a]pyrene	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 6 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 19	Groundwater	Benzo[b]fluoranthene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	Benzo[k]fluoranthene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	bis(2-Chloroethyl)ether	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04
AOI 19	Groundwater	bis(2-Ethylhexyl)phthalate	1/4	4.0E-04	3.0E-04	5.0E-05	1.7E-04	2.3E-04	1.6E-04	4.1E-04	2.9E-03	3.0E-04
AOI 19	Groundwater	Cadmium	0/4	2.5E-03	0.0E+00	7.5E-05	2.2E-04	7.0E-04	1.2E-03	2.1E-03	2.3E+00	7.0E-04
AOI 19	Groundwater	Carbazole	0/4	3.0E-03	0.0E+00	3.0E-04	1.7E-03	2.3E-03	1.4E-03	3.9E-03	1.8E-01	2.3E-03
AOI 19	Groundwater	Chlorodibromomethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Chloroethane (Ethyl chloride)	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 19	Groundwater	Chloromethane (Methyl chloride)	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 19	Groundwater	Chromium	1/4	5.8E-04	5.8E-04	1.5E-04	3.1E-04	3.5E-04	1.9E-04	5.8E-04	1.2E-03	5.8E-04
AOI 19	Groundwater	Chrysene	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04
AOI 19	Groundwater	cis-1,2-Dichloroethene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Dibenz[a,h]anthracene	0/4	1.0E-03	0.0E+00	1.5E-04	6.2E-04	7.9E-04	4.3E-04	1.3E-03	1.1E-02	7.9E-04
AOI 19	Groundwater	Dichloromethane	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Ethylbenzene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Fluoranthene	0/4	1.0E-03	0.0E+00	1.5E-04	6.2E-04	7.9E-04	4.3E-04	1.3E-03	1.1E-02	7.9E-04
AOI 19	Groundwater	Fluorene	3/4	1.0E-03	1.0E-03	3.0E-04	5.9E-04	6.5E-04	3.1E-04	1.0E-03	1.7E-03	1.0E-03
AOI 19	Groundwater	Indeno[1,2,3-c,d]pyrene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	Lead	0/4	5.0E-03	0.0E+00	5.5E-04	1.0E-03	1.7E-03	2.2E-03	4.3E-03	3.7E-02	1.7E-03
AOI 19	Groundwater	Mercury	0/4	2.7E-05	0.0E+00	8.5E-06	1.3E-05	1.5E-05	8.1E-06	2.4E-05	3.4E-05	1.5E-05
AOI 19	Groundwater	Naphthalene	0/3	1.0E-03	0.0E+00	1.0E-04	4.6E-04	7.0E-04	5.2E-04	1.6E-03	5.2E+03	7.0E-04
AOI 19	Groundwater	n-Nitrosodipropylamine	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04
AOI 19	Groundwater	Pentachlorophenol (PCP)	0/4	1.0E-03	0.0E+00	1.0E-04	4.7E-04	6.5E-04	4.4E-04	1.2E-03	1.8E-02	6.5E-04
AOI 19	Groundwater	Phenanthrene	1/4	1.0E-03	2.0E-04	1.0E-04	3.8E-04	5.8E-04	4.9E-04	1.2E-03	4.2E-02	2.0E-04
AOI 19	Groundwater	Pyrene	0/4	1.0E-03	0.0E+00	1.0E-04	5.6E-04	7.8E-04	4.5E-04	1.3E-03	5.9E-02	7.8E-04
AOI 19	Groundwater	Selenium	2/4	2.3E-02	2.3E-02	9.0E-04	3.8E-03	7.7E-03	1.1E-02	2.0E-02	1.1E+00	2.3E-02
AOI 19	Groundwater	Silver	2/4	2.5E-03	2.4E-03	7.0E-04	1.4E-03	1.6E-03	9.8E-04	2.8E-03	7.3E-03	2.4E-03
AOI 19	Groundwater	Tetrachloroethene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Toluene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Trichloroethene	0/4	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 19	Groundwater	Vinyl Chloride	0/4	1.0E-03	0.0E+00	5.0E-04	7.1E-04	7.5E-04	2.9E-04	1.1E-03	1.4E-03	7.5E-04
AOI 19	Groundwater	Xylenes (Total)	0/4	1.5E-03	0.0E+00	5.0E-04	1.1E-03	1.3E-03	5.0E-04	1.8E-03	3.4E-03	1.3E-03
AOI 20	Groundwater	1,1,1-Trichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	1,1,2-Trichloroethane	0/12	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	2.0E-03	3.1E-03	1.5E-03
AOI 20	Groundwater	1,1-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 7 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 20	Groundwater	1,2,3-Trichloropropane	0/15	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.8E-03	1.8E-03	2.6E-03	3.9E-03	1.8E-03
AOI 20	Groundwater	1,2-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	1,2-Dichloroethene	0/15	5.0E-03	0.0E+00	1.0E-03	1.7E-03	2.1E-03	1.6E-03	2.8E-03	3.2E-03	2.1E-03
AOI 20	Groundwater	1,4-Dichlorobenzene	3/15	5.0E-03	4.0E-04	2.0E-04	1.1E-03	1.7E-03	1.8E-03	2.5E-03	3.2E-03	4.0E-04
AOI 20	Groundwater	2,6-Dinitrotoluene	0/15	5.0E-03	0.0E+00	5.0E-04	7.9E-04	1.4E-03	1.9E-03	2.2E-03	2.5E-03	1.4E-03
AOI 20	Groundwater	2-Methylnaphthalene	2/15	2.9E-02	2.9E-02	5.0E-04	1.3E-03	3.3E-03	7.3E-03	6.6E-03	5.4E-03	6.6E-03
AOI 20	Groundwater	4,6-Dinitro-o-cresol	0/15	1.3E-02	0.0E+00	5.0E-03	6.0E-03	6.5E-03	3.1E-03	7.9E-03	7.9E-03	6.5E-03
AOI 20	Groundwater	4-Methylphenol (p-Cresol)	0/15	5.0E-03	0.0E+00	5.0E-04	1.2E-03	1.7E-03	1.7E-03	2.5E-03	2.7E-03	1.7E-03
AOI 20	Groundwater	Acenaphthene	5/15	5.0E-03	3.0E-03	5.0E-04	1.4E-03	1.8E-03	1.5E-03	2.5E-03	3.0E-03	3.0E-03
AOI 20	Groundwater	Acetone	2/15	1.4E-02	1.4E-02	1.0E-03	2.5E-03	3.7E-03	3.5E-03	5.3E-03	7.5E-03	7.5E-03
AOI 20	Groundwater	Arsenic	5/15	2.8E-02	2.8E-02	8.0E-04	3.9E-03	6.6E-03	7.5E-03	1.0E-02	1.5E-02	1.5E-02
AOI 20	Groundwater	Barium	15/15	7.2E-01	7.2E-01	1.7E-01	3.0E-01	3.2E-01	1.4E-01	3.9E-01	3.9E-01	3.9E-01
AOI 20	Groundwater	Benzene	1/15	2.5E-03	6.0E-04	5.0E-04	9.6E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	6.0E-04
AOI 20	Groundwater	Benzo[a]anthracene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	Benzo[a]pyrene	0/15	5.0E-03	0.0E+00	5.0E-04	1.2E-03	1.7E-03	1.7E-03	2.5E-03	2.7E-03	1.7E-03
AOI 20	Groundwater	Benzo[b]fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	Benzo[k]fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	bis(2-Chloroethyl)ether	0/15	5.0E-03	0.0E+00	5.0E-04	1.2E-03	1.7E-03	1.7E-03	2.5E-03	2.7E-03	1.7E-03
AOI 20	Groundwater	bis(2-Ethylhexyl)phthalate	6/15	4.8E-02	4.8E-02	1.0E-04	9.4E-04	8.1E-03	1.5E-02	1.5E-02	1.7E-01	4.8E-02
AOI 20	Groundwater	Cadmium	5/15	3.9E-03	3.9E-03	7.5E-05	5.5E-04	1.4E-03	1.3E-03	2.0E-03	1.5E-02	3.9E-03
AOI 20	Groundwater	Carbazole	0/15	5.0E-03	0.0E+00	3.0E-03	3.3E-03	3.4E-03	8.3E-04	3.8E-03	3.8E-03	3.4E-03
AOI 20	Groundwater	Chlorodibromomethane	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	Chloroethane (Ethyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	1.7E-03	2.5E-03	2.1E-03	3.5E-03	5.4E-03	2.5E-03
AOI 20	Groundwater	Chloromethane (Methyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	1.7E-03	2.5E-03	2.1E-03	3.5E-03	5.4E-03	2.5E-03
AOI 20	Groundwater	Chromium	3/15	2.6E-02	2.6E-02	1.1E-04	6.1E-04	3.0E-03	6.6E-03	6.0E-03	2.0E-02	2.0E-02
AOI 20	Groundwater	Chrysene	0/15	5.0E-03	0.0E+00	5.0E-04	1.2E-03	1.7E-03	1.7E-03	2.5E-03	2.7E-03	1.7E-03
AOI 20	Groundwater	cis-1,2-Dichloroethene	0/12	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	9.0E-04	1.5E-03	1.7E-03	1.0E-03
AOI 20	Groundwater	Dibenz[a,h]anthracene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	Dibenzofuran	0/3	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	8.2E-11	5.0E-03	5.0E-03	5.0E-03
AOI 20	Groundwater	Dichloromethane	3/15	2.5E-03	1.4E-03	5.0E-04	8.3E-04	1.0E-03	8.1E-04	1.4E-03	1.6E-03	1.4E-03
AOI 20	Groundwater	Ethylbenzene	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	Fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	Fluorene	4/15	5.0E-03	1.5E-03	2.0E-04	8.8E-04	1.4E-03	1.5E-03	2.0E-03	2.6E-03	1.5E-03
AOI 20	Groundwater	Indeno[1,2,3-c,d]pyrene	0/15	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.8E-03	1.7E-03	2.6E-03	2.6E-03	1.8E-03
AOI 20	Groundwater	Lead	4/15	1.1E-01	1.1E-01	5.0E-04	1.9E-03	9.5E-03	2.8E-02	2.2E-02	2.5E-02	9.5E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

02 Page 8 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 20	Groundwater	Mercury	3/15	2.5E-03	3.6E-05	8.5E-06	4.5E-05	5.3E-04	1.0E-03	9.9E-04	8.6E-03	3.6E-05
AOI 20	Groundwater	Naphthalene	1/15	5.0E-03	1.3E-03	1.0E-03	1.3E-03	1.6E-03	1.4E-03	2.2E-03	2.1E-03	1.3E-03
AOI 20	Groundwater	n-Nitrosodipropylamine	0/15	5.0E-03	0.0E+00	5.0E-04	1.2E-03	1.7E-03	1.7E-03	2.5E-03	2.7E-03	1.7E-03
AOI 20	Groundwater	Pentachlorophenol (PCP)	0/15	1.3E-02	0.0E+00	5.0E-04	1.4E-03	3.2E-03	4.8E-03	5.4E-03	7.5E-03	3.2E-03
AOI 20	Groundwater	Phenanthrene	2/15	5.0E-03	1.4E-03	2.0E-04	9.9E-04	1.4E-03	1.5E-03	2.1E-03	2.4E-03	1.4E-03
AOI 20	Groundwater	Pyrene	1/15	5.0E-03	5.0E-05	5.0E-05	1.1E-03	1.7E-03	0.0E+00	1.7E-03	4.5E-03	5.0E-05
AOI 20	Groundwater	Selenium	1/15	2.9E-02	4.0E-03	9.0E-04	4.5E-03	9.4E-03	1.0E-02	1.4E-02	3.5E-02	4.0E-03
AOI 20	Groundwater	Silver	4/15	5.0E-03	2.4E-03	7.0E-04	2.0E-03	2.6E-03	1.8E-03	3.4E-03	4.5E-03	2.4E-03
AOI 20	Groundwater	Tetrachloroethene	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	Toluene	1/15	2.5E-03	1.6E-03	5.0E-04	9.2E-04	1.2E-03	9.6E-04	1.7E-03	2.1E-03	1.6E-03
AOI 20	Groundwater	Trichloroethene	0/15	2.5E-03	0.0E+00	5.0E-04	9.5E-04	1.3E-03	1.0E-03	1.8E-03	2.3E-03	1.3E-03
AOI 20	Groundwater	Vinyl Chloride	1/15	5.0E-03	6.0E-04	5.0E-04	1.6E-03	2.5E-03	2.1E-03	3.4E-03	5.5E-03	6.0E-04
AOI 20	Groundwater	Xylenes (Total)	1/15	5.0E-03	1.0E-03	5.0E-04	1.6E-03	2.1E-03	1.6E-03	2.8E-03	3.6E-03	1.0E-03
AOI 21	Groundwater	1,1,1-Trichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	1,1,2-Trichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	1,1-Dichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	1,2,3-Trichloropropane	0/16	5.0E-03	0.0E+00	5.0E-04	7.8E-04	1.2E-03	1.3E-03	1.7E-03	1.8E-03	1.2E-03
AOI 21	Groundwater	1,2-Dichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	1,2-Dichloroethene	9/16	1.2E-01	1.2E-01	1.0E-03	7.0E-03	2.1E-02	3.3E-02	3.6E-02	1.2E-01	1.2E-01
AOI 21	Groundwater	1,4-Dichlorobenzene	0/16	5.0E-03	0.0E+00	1.0E-03	1.1E-03	1.3E-03	1.0E-03	1.7E-03	1.5E-03	1.3E-03
AOI 21	Groundwater	2,6-Dinitrotoluene	0/16	5.0E-03	0.0E+00	5.0E-04	5.8E-04	7.8E-04	1.1E-03	1.3E-03	9.4E-04	7.8E-04
AOI 21	Groundwater	2-Methylnaphthalene	2/16	1.9E-02	1.9E-02	5.0E-04	1.0E-03	2.4E-03	4.7E-03	4.5E-03	4.2E-03	4.5E-03
AOI 21	Groundwater	4,6-Dinitro-o-cresol	1/16	1.3E-02	5.0E-03	5.0E-03	5.3E-03	5.5E-03	0.0E+00	5.5E-03	6.1E-03	5.0E-03
AOI 21	Groundwater	4-Methylphenol (p-Cresol)	0/16	5.0E-03	0.0E+00	5.0E-04	7.7E-04	9.8E-04	1.1E-03	1.5E-03	1.3E-03	9.8E-04
AOI 21	Groundwater	Acenaphthene	4/16	5.0E-03	4.0E-03	8.0E-05	8.6E-04	1.4E-03	1.5E-03	2.0E-03	3.1E-03	3.1E-03
AOI 21	Groundwater	Acetone	1/14	5.0E-03	2.8E-03	1.0E-03	1.4E-03	1.7E-03	1.5E-03	2.4E-03	2.4E-03	2.4E-03
AOI 21	Groundwater	Arsenic	10/18	3.8E-02	3.8E-02	8.0E-04	4.7E-03	8.1E-03	9.2E-03	1.2E-02	1.8E-02	1.8E-02
AOI 21	Groundwater	Barium	18/18	4.7E-01	4.7E-01	9.8E-02	1.7E-01	1.9E-01	1.0E-01	2.3E-01	2.3E-01	2.3E-01
AOI 21	Groundwater	Benzene	7/16	1.1E-02	1.1E-02	5.0E-04	1.4E-03	2.2E-03	2.6E-03	3.3E-03	4.2E-03	4.2E-03
AOI 21	Groundwater	Benzo[a]anthracene	1/16	5.0E-03	2.0E-04	2.0E-04	1.0E-03	1.2E-03	0.0E+00	1.2E-03	1.7E-03	2.0E-04
AOI 21	Groundwater	Benzo[a]pyrene	0/16	5.0E-03	0.0E+00	5.0E-04	7.7E-04	9.8E-04	1.1E-03	1.5E-03	1.3E-03	9.8E-04
AOI 21	Groundwater	Benzo[b]fluoranthene	0/16	5.0E-03	0.0E+00	1.0E-03	1.1E-03	1.3E-03	1.0E-03	1.7E-03	1.5E-03	1.3E-03
AOI 21	Groundwater	Benzo[k]fluoranthene	0/16	5.0E-03	0.0E+00	1.0E-03	1.1E-03	1.3E-03	1.0E-03	1.7E-03	1.5E-03	1.3E-03
AOI 21	Groundwater	bis(2-Chloroethyl)ether	0/16	5.0E-03	0.0E+00	5.0E-04	7.7E-04	9.8E-04	1.1E-03	1.5E-03	1.3E-03	9.8E-04
AOI 21	Groundwater	bis(2-Ethylhexyl)phthalate	6/16	9.4E-02	9.4E-02	5.0E-05	5.5E-04	7.8E-03	2.3E-02	1.8E-02	6.9E-02	6.9E-02

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 9 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 21	Groundwater	Cadmium	9/18	5.3E-03	5.3E-03	7.5E-05	6.0E-04	1.5E-03	1.8E-03	2.2E-03	7.7E-03	5.3E-03
AOI 21	Groundwater	Carbazole	3/16	5.0E-03	1.0E-03	9.0E-05	2.2E-03	2.8E-03	1.2E-03	3.3E-03	7.0E-03	1.0E-03
AOI 21	Groundwater	Chlorodibromomethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	Chloroethane (Ethyl chloride)	0/16	5.0E-03	0.0E+00	5.0E-04	1.3E-03	1.9E-03	1.9E-03	2.7E-03	3.2E-03	1.9E-03
AOI 21	Groundwater	Chloromethane (Methyl chloride)	1/16	1.0E-02	1.0E-02	5.0E-04	1.4E-03	2.2E-03	2.7E-03	3.4E-03	3.9E-03	3.9E-03
AOI 21	Groundwater	Chromium	9/18	7.4E-02	7.4E-02	1.5E-04	1.4E-03	7.0E-03	1.8E-02	1.4E-02	3.2E-02	3.2E-02
AOI 21	Groundwater	Chrysene	1/16	5.0E-03	3.0E-04	3.0E-04	7.4E-04	9.7E-04	0.0E+00	9.7E-04	1.3E-03	3.0E-04
AOI 21	Groundwater	cis-1,2-Dichloroethene	9/15	1.2E-01	1.2E-01	5.0E-04	5.4E-03	2.1E-02	3.3E-02	3.6E-02	3.3E-01	1.2E-01
AOI 21	Groundwater	Dibenz[a,h]anthracene	0/16	5.0E-03	0.0E+00	1.0E-03	1.2E-03	1.4E-03	9.9E-04	1.8E-03	1.6E-03	1.4E-03
AOI 21	Groundwater	Dibenzofuran	0/1	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	#DIV/0!	#VALUE!	#DIV/0!	5.0E-03
AOI 21	Groundwater	Dichloromethane	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	Ethylbenzene	1/16	2.5E-03	5.0E-04	5.0E-04	7.5E-04	1.0E-03	0.0E+00	1.0E-03	1.5E-03	5.0E-04
AOI 21	Groundwater	Fluoranthene	5/16	5.0E-03	5.0E-04	5.0E-05	7.0E-04	1.1E-03	1.1E-03	1.6E-03	3.3E-03	5.0E-04
AOI 21	Groundwater	Fluorene	4/16	1.0E-02	1.0E-02	5.0E-04	1.0E-03	2.0E-03	2.8E-03	3.2E-03	3.5E-03	3.5E-03
AOI 21	Groundwater	Indeno[1,2,3-c,d]pyrene	0/16	5.0E-03	0.0E+00	1.0E-03	1.1E-03	1.3E-03	1.0E-03	1.7E-03	1.5E-03	1.3E-03
AOI 21	Groundwater	Lead	10/18	3.7E-01	3.7E-01	5.5E-04	4.6E-03	3.5E-02	9.2E-02	7.2E-02	1.8E-01	3.5E-02
AOI 21	Groundwater	Mercury	5/18	2.5E-03	9.9E-05	8.5E-06	3.6E-05	4.3E-04	9.5E-04	8.2E-04	2.4E-03	9.9E-05
AOI 21	Groundwater	Naphthalene	0/12	5.0E-03	0.0E+00	1.0E-03	1.1E-03	1.3E-03	1.2E-03	1.9E-03	1.7E-03	1.3E-03
AOI 21	Groundwater	n-Nitrosodipropylamine	0/16	5.0E-03	0.0E+00	5.0E-04	7.7E-04	9.8E-04	1.1E-03	1.5E-03	1.3E-03	9.8E-04
AOI 21	Groundwater	Pentachlorophenol (PCP)	1/16	1.3E-02	7.0E-04	5.0E-04	8.0E-04	1.4E-03	3.0E-03	2.7E-03	1.8E-03	7.0E-04
AOI 21	Groundwater	Phenanthrene	4/16	5.0E-03	3.0E-03	1.0E-04	7.5E-04	1.2E-03	1.3E-03	1.8E-03	2.5E-03	2.5E-03
AOI 21	Groundwater	Pyrene	5/16	5.0E-03	4.0E-03	7.0E-05	8.2E-04	1.4E-03	1.4E-03	2.0E-03	4.8E-03	4.0E-03
AOI 21	Groundwater	Selenium	8/18	2.0E-02	8.2E-03	9.0E-04	5.2E-03	7.2E-03	6.3E-03	9.8E-03	1.2E-02	8.2E-03
AOI 21	Groundwater	Silver	4/18	5.0E-03	3.1E-03	7.0E-04	2.1E-03	2.8E-03	1.8E-03	3.5E-03	4.6E-03	3.1E-03
AOI 21	Groundwater	Tetrachloroethene	0/16	2.5E-03	0.0E+00	5.0E-04	7.5E-04	1.0E-03	8.9E-04	1.4E-03	1.5E-03	1.0E-03
AOI 21	Groundwater	Toluene	4/16	5.0E-03	5.0E-03	5.0E-04	1.2E-03	1.8E-03	1.5E-03	2.4E-03	3.4E-03	3.4E-03
AOI 21	Groundwater	Trichloroethene	6/16	8.0E-03	8.0E-03	5.0E-04	1.5E-03	2.4E-03	2.5E-03	3.5E-03	5.5E-03	5.5E-03
AOI 21	Groundwater	Vinyl Chloride	12/21	1.1E-01	1.1E-01	5.0E-04	4.8E-03	1.4E-02	2.5E-02	2.3E-02	5.1E-02	5.1E-02
AOI 21	Groundwater	Xylenes (Total)	4/16	5.0E-03	1.0E-03	5.0E-04	1.4E-03	1.9E-03	1.6E-03	2.6E-03	3.1E-03	1.0E-03
AOI 22A	Groundwater	1,1,1-Trichloroethane	20/37	5.8E-01	5.8E-01	5.0E-04	5.2E-03	4.9E-02	1.2E-01	8.2E-02	2.6E-01	2.6E-01
AOI 22A	Groundwater	1,1,2-Trichloroethane	5/37	1.0E-01	3.0E-03	5.0E-04	1.2E-03	5.0E-03	1.7E-02	9.7E-03	5.1E-03	3.0E-03
AOI 22A	Groundwater	1,1-Dichloroethane	29/37	2.0E+00	2.0E+00	5.0E-04	4.6E-02	3.2E-01	4.5E-01	4.4E-01	2.5E+01	2.0E+00
AOI 22A	Groundwater	1,2,3-Trichloropropane	1/37	2.0E-01	1.5E-02	5.0E-04	1.4E-03	9.3E-03	3.3E-02	1.9E-02	1.0E-02	1.5E-02
AOI 22A	Groundwater	1,2-Dichloroethane	3/37	1.0E-01	2.0E-03	5.0E-04	1.2E-03	4.9E-03	1.7E-02	9.6E-03	4.8E-03	2.0E-03
AOI 22A	Groundwater	1,2-Dichloroethene	24/37	3.7E+00	3.7E+00	7.0E-04	2.1E-02	3.5E-01	7.4E-01	5.6E-01	1.7E+01	3.7E+00

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 10 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 22A	Groundwater	1,4-Dichlorobenzene	0/27	2.5E-02	0.0E+00	1.0E-03	1.4E-03	2.4E-03	4.7E-03	3.9E-03	2.6E-03	2.4E-03
AOI 22A	Groundwater	2,6-Dinitrotoluene	0/27	2.5E-02	0.0E+00	5.0E-04	7.7E-04	1.9E-03	4.8E-03	3.5E-03	2.1E-03	1.9E-03
AOI 22A	Groundwater	2-Methylnaphthalene	5/27	8.7E-02	8.7E-02	5.0E-04	1.5E-03	7.9E-03	2.1E-02	1.5E-02	9.9E-03	1.5E-02
AOI 22A	Groundwater	4,6-Dinitro-o-cresol	0/27	6.0E-02	0.0E+00	5.0E-03	6.2E-03	8.1E-03	1.1E-02	1.2E-02	9.0E-03	8.1E-03
AOI 22A	Groundwater	4-Methylphenol (p-Cresol)	1/28	2.5E-02	2.0E-03	5.0E-04	1.2E-03	2.2E-03	4.7E-03	3.7E-03	2.6E-03	2.0E-03
AOI 22A	Groundwater	Acenaphthene	27/32	4.1E-02	4.1E-02	1.0E-04	1.1E-03	2.8E-03	7.2E-03	4.9E-03	4.0E-03	4.9E-03
AOI 22A	Groundwater	Acetone	3/30	2.0E-01	1.3E-02	1.0E-03	2.4E-03	1.2E-02	3.7E-02	2.3E-02	1.5E-02	1.3E-02
AOI 22A	Groundwater	Aroclor-1260	0/4	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02
AOI 22A	Groundwater	Arsenic	18/32	7.7E-02	7.7E-02	8.0E-04	4.4E-03	1.0E-02	1.8E-02	1.6E-02	1.7E-02	1.7E-02
AOI 22A	Groundwater	Barium	32/32	1.2E+00	1.2E+00	6.9E-02	3.4E-01	3.8E-01	2.1E-01	4.5E-01	4.6E-01	4.6E-01
AOI 22A	Groundwater	Benzene	28/37	1.0E-01	1.8E-02	5.0E-04	3.2E-03	7.2E-03	1.6E-02	1.2E-02	1.1E-02	1.2E-02
AOI 22A	Groundwater	Benzo[a]anthracene	0/31	2.5E-02	0.0E+00	1.0E-03	1.3E-03	2.2E-03	4.4E-03	3.5E-03	2.3E-03	2.2E-03
AOI 22A	Groundwater	Benzo[a]pyrene	0/31	2.5E-02	0.0E+00	5.0E-04	1.1E-03	2.0E-03	4.4E-03	3.4E-03	2.3E-03	2.0E-03
AOI 22A	Groundwater	Benzo[b]fluoranthene	0/31	2.5E-02	0.0E+00	1.0E-03	1.3E-03	2.2E-03	4.4E-03	3.5E-03	2.3E-03	2.2E-03
AOI 22A	Groundwater	Benzo[k]fluoranthene	0/31	2.5E-02	0.0E+00	1.0E-03	1.3E-03	2.2E-03	4.4E-03	3.5E-03	2.3E-03	2.2E-03
AOI 22A	Groundwater	bis(2-Chloroethyl)ether	0/27	2.5E-02	0.0E+00	5.0E-04	1.2E-03	2.2E-03	4.7E-03	3.8E-03	2.6E-03	2.2E-03
AOI 22A	Groundwater	bis(2-Ethylhexyl)phthalate	15/27	3.1E-02	3.1E-02	1.0E-04	6.3E-04	3.0E-03	6.4E-03	5.1E-03	9.0E-03	9.0E-03
AOI 22A	Groundwater	Cadmium	3/32	2.5E-03	6.6E-04	7.5E-05	1.7E-04	3.3E-04	5.9E-04	5.1E-04	4.2E-04	5.1E-04
AOI 22A	Groundwater	Carbazole	6/27	2.5E-02	4.0E-03	7.0E-04	3.2E-03	4.0E-03	4.3E-03	5.5E-03	4.9E-03	4.0E-03
AOI 22A	Groundwater	Chlorodibromomethane	0/37	1.0E-01	0.0E+00	5.0E-04	1.1E-03	4.9E-03	1.7E-02	9.5E-03	4.6E-03	4.9E-03
AOI 22A	Groundwater	Chloroethane (Ethyl chloride)	27/37	1.7E-01	1.7E-01	5.0E-04	1.6E-02	4.0E-02	4.4E-02	5.2E-02	1.9E-01	1.7E-01
AOI 22A	Groundwater	Chloromethane (Methyl chloride)	0/37	1.0E-01	0.0E+00	5.0E-04	1.7E-03	5.9E-03	1.7E-02	1.1E-02	7.3E-03	5.9E-03
AOI 22A	Groundwater	Chromium	8/32	5.0E-03	3.1E-03	1.5E-04	8.8E-04	1.8E-03	2.0E-03	2.4E-03	3.5E-03	3.1E-03
AOI 22A	Groundwater	Chrysene	0/31	2.5E-02	0.0E+00	5.0E-04	1.1E-03	2.0E-03	4.4E-03	3.4E-03	2.3E-03	2.0E-03
AOI 22A	Groundwater	cis-1,2-Dichloroethene	20/31	3.7E+00	3.7E+00	5.0E-04	1.6E-02	3.6E-01	7.8E-01	6.0E-01	5.1E+01	3.7E+00
AOI 22A	Groundwater	Dibenz[a,h]anthracene	0/31	2.5E-02	0.0E+00	5.0E-04	1.3E-03	2.2E-03	4.4E-03	3.5E-03	2.3E-03	2.2E-03
AOI 22A	Groundwater	Dibenzofuran	1/4	2.5E-02	9.4E-03	5.0E-03	8.8E-03	1.1E-02	9.5E-03	2.2E-02	6.9E-02	9.4E-03
AOI 22A	Groundwater	Dichloromethane	1/37	1.0E-01	1.5E-03	4.0E-04	1.0E-03	4.8E-03	1.7E-02	9.5E-03	4.3E-03	1.5E-03
AOI 22A	Groundwater	Ethylbenzene	12/37	1.0E-01	1.1E-02	5.0E-04	1.7E-03	5.7E-03	1.7E-02	1.0E-02	7.2E-03	1.0E-02
AOI 22A	Groundwater	Fluoranthene	2/31	9.4E-03	9.4E-03	1.0E-04	1.2E-03	1.7E-03	1.9E-03	2.3E-03	2.2E-03	2.3E-03
AOI 22A	Groundwater	Fluorene	22/31	6.3E-02	6.3E-02	9.0E-05	9.5E-04	3.4E-03	1.1E-02	6.8E-03	4.3E-03	6.8E-03
AOI 22A	Groundwater	Indeno[1,2,3-c,d]pyrene	0/31	2.5E-02	0.0E+00	1.0E-03	1.3E-03	2.2E-03	4.4E-03	3.5E-03	2.3E-03	2.2E-03
AOI 22A	Groundwater	Lead	4/32	5.6E-02	5.6E-02	5.0E-04	1.1E-03	4.8E-03	1.3E-02	8.8E-03	5.0E-03	4.8E-03
AOI 22A	Groundwater	Manganese	8/8	1.1E+00	1.1E+00	4.6E-01	8.0E-01	8.2E-01	1.9E-01	9.5E-01	1.0E+00	1.0E+00
AOI 22A	Groundwater	Mercury	6/31	2.5E-03	6.4E-04	8.5E-06	4.7E-05	3.9E-04	8.4E-04	6.4E-04	1.3E-03	6.4E-04

Groundwater.xls: EPCSTAT Output 11/18/2002

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 22A	Groundwater	Naphthalene	9/31	1.5E-02	1.5E-02	1.0E-04	9.0E-04	1.6E-03	2.7E-03	2.4E-03	2.3E-03	2.4E-03
AOI 22A	Groundwater	n-Nitrosodipropylamine	0/27	2.5E-02	0.0E+00	5.0E-04	1.2E-03	2.2E-03	4.7E-03	3.8E-03	2.6E-03	2.2E-03
AOI 22A	Groundwater	Pentachlorophenol (PCP)	4/28	6.0E-02	3.0E-03	5.0E-04	1.4E-03	4.4E-03	1.1E-02	8.1E-03	5.4E-03	3.0E-03
AOI 22A	Groundwater	Phenanthrene	10/31	1.1E-01	1.1E-01	1.0E-04	9.6E-04	4.7E-03	2.0E-02	1.1E-02	3.6E-03	1.1E-02
AOI 22A	Groundwater	Pyrene	6/32	1.9E-02	1.9E-02	5.0E-05	8.5E-04	1.8E-03	3.4E-03	2.8E-03	3.5E-03	3.5E-03
AOI 22A	Groundwater	Selenium	11/32	2.0E-02	5.9E-03	9.0E-04	3.9E-03	6.9E-03	7.7E-03	9.2E-03	1.1E-02	5.9E-03
AOI 22A	Groundwater	Silver	9/32	5.0E-03	3.2E-03	1.6E-04	1.4E-03	2.2E-03	1.9E-03	2.8E-03	4.6E-03	3.2E-03
AOI 22A	Groundwater	Tetrachloroethene	2/37	1.0E-01	7.0E-04	5.0E-04	1.1E-03	4.9E-03	1.7E-02	9.5E-03	4.6E-03	7.0E-04
AOI 22A	Groundwater	Toluene	11/36	1.0E-01	4.9E-03	5.0E-04	1.3E-03	5.2E-03	1.7E-02	1.0E-02	5.7E-03	4.9E-03
AOI 22A	Groundwater	Trichloroethene	6/37	1.0E-01	4.0E-03	5.0E-04	1.3E-03	5.1E-03	1.7E-02	9.8E-03	5.5E-03	4.0E-03
AOI 22A	Groundwater	Vinyl Chloride	26/38	2.3E+00	2.3E+00	5.0E-04	4.6E-02	3.6E-01	5.5E-01	5.1E-01	2.6E+01	2.3E+00
AOI 22A	Groundwater	Xylenes (Total)	13/37	1.0E-01	7.0E-03	5.0E-04	2.4E-03	6.6E-03	1.7E-02	1.1E-02	8.4E-03	7.0E-03
AOI 22B	Groundwater	1,1,1-Trichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.2E-03	3.1E-03	1.8E-03
AOI 22B	Groundwater	1,1,2-Trichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.5E-03	1.8E-03	9.8E-04	2.3E-03	3.3E-03	1.8E-03
AOI 22B	Groundwater	1,1-Dichloroethane	0/16	2.5E-03	0.0E+00	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.2E-03	3.1E-03	1.8E-03
AOI 22B	Groundwater	1,2,3-Trichloropropane	0/15	7.5E-03	0.0E+00	5.0E-04	2.4E-03	3.8E-03	2.6E-03	5.0E-03	1.3E-02	3.8E-03
AOI 22B	Groundwater	1,2-Dichloroethane	0/15	3.0E-03	0.0E+00	5.0E-04	1.5E-03	1.9E-03	1.0E-03	2.4E-03	3.5E-03	1.9E-03
AOI 22B	Groundwater	1,2-Dichloroethene	14/16	1.5E-01	1.5E-01	2.5E-03	2.1E-02	3.8E-02	4.4E-02	5.7E-02	1.2E-01	1.2E-01
AOI 22B	Groundwater	1,4-Dichlorobenzene	8/13	5.0E-03	4.4E-03	3.0E-04	1.6E-03	2.4E-03	2.0E-03	3.5E-03	6.2E-03	4.4E-03
AOI 22B	Groundwater	2,6-Dinitrotoluene	0/13	5.0E-03	0.0E+00	5.0E-04	1.4E-03	2.6E-03	2.3E-03	3.7E-03	9.5E-03	2.6E-03
AOI 22B	Groundwater	2-Methylnaphthalene	0/13	5.0E-03	0.0E+00	5.0E-04	1.9E-03	2.8E-03	2.2E-03	3.8E-03	6.8E-03	2.8E-03
AOI 22B	Groundwater	4,6-Dinitro-o-cresol	0/13	1.3E-02	0.0E+00	5.0E-03	7.6E-03	8.5E-03	3.9E-03	1.0E-02	1.1E-02	8.5E-03
AOI 22B	Groundwater	4-Methylphenol (p-Cresol)	1/13	5.0E-03	4.0E-04	4.0E-04	1.7E-03	2.7E-03	0.0E+00	2.7E-03	7.7E-03	4.0E-04
AOI 22B	Groundwater	Acenaphthene	9/14	5.0E-03	2.3E-03	1.0E-04	1.3E-03	2.3E-03	2.1E-03	3.4E-03	9.6E-03	2.3E-03
AOI 22B	Groundwater	Acetone	3/15	1.4E-02	1.4E-02	1.0E-03	3.3E-03	5.1E-03	4.5E-03	7.1E-03	1.2E-02	1.2E-02
AOI 22B	Groundwater	Aroclor-1260	0/6	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02	8.3E-10	5.0E-02	5.0E-02	5.0E-02
AOI 22B	Groundwater	Arsenic	6/14	1.5E-02	1.5E-02	8.0E-04	2.9E-03	4.1E-03	4.0E-03	6.0E-03	7.8E-03	7.8E-03
AOI 22B	Groundwater	Barium	14/14	5.6E-01	5.6E-01	1.1E-01	3.0E-01	3.2E-01	1.2E-01	3.8E-01	4.1E-01	4.1E-01
AOI 22B	Groundwater	Benzene	2/16	2.5E-03	7.0E-04	5.0E-04	1.4E-03	1.8E-03	9.8E-04	2.2E-03	3.1E-03	7.0E-04
AOI 22B	Groundwater	Benzo[a]anthracene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 22B	Groundwater	Benzo[a]pyrene	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.8E-03	7.2E-03	2.7E-03
AOI 22B	Groundwater	Benzo[b]fluoranthene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 22B	Groundwater	Benzo[k]fluoranthene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 22B	Groundwater	bis(2-Chloroethyl)ether	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.8E-03	7.2E-03	2.7E-03
AOI 22B	Groundwater	bis(2-Ethylhexyl)phthalate	2/13	5.0E-03	2.0E-03	1.0E-04	1.2E-03	2.6E-03	2.3E-03	3.8E-03	3.5E-02	2.0E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 12 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 22B	Groundwater	Cadmium	2/14	2.5E-03	6.7E-04	7.5E-05	3.7E-04	6.7E-04	8.0E-04	1.0E-03	2.0E-03	6.7E-04
AOI 22B	Groundwater	Carbazole	0/13	5.0E-03	0.0E+00	3.0E-03	3.8E-03	3.9E-03	1.0E-03	4.4E-03	4.6E-03	3.9E-03
AOI 22B	Groundwater	Chlorodibromomethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.5E-03	1.8E-03	9.8E-04	2.3E-03	3.3E-03	1.8E-03
AOI 22B	Groundwater	Chloroethane (Ethyl chloride)	0/16	5.0E-03	0.0E+00	5.0E-04	2.3E-03	3.1E-03	2.0E-03	4.0E-03	6.3E-03	3.1E-03
AOI 22B	Groundwater	Chloromethane (Methyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	2.5E-03	3.3E-03	2.0E-03	4.2E-03	6.2E-03	3.3E-03
AOI 22B	Groundwater	Chromium	2/14	2.3E-02	2.3E-02	1.5E-04	1.6E-03	4.3E-03	5.9E-03	7.1E-03	5.0E-02	2.3E-02
AOI 22B	Groundwater	Chrysene	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.8E-03	7.2E-03	2.7E-03
AOI 22B	Groundwater	cis-1,2-Dichloroethene	5/7	3.0E-02	3.0E-02	7.0E-03	1.6E-02	1.8E-02	8.4E-03	2.4E-02	3.1E-02	3.0E-02
AOI 22B	Groundwater	Dibenz[a,h]anthracene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 22B	Groundwater	Dibenzofuran	0/6	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 22B	Groundwater	Dichloromethane	6/16	2.5E-03	2.4E-03	5.0E-04	1.2E-03	1.4E-03	8.6E-04	1.8E-03	2.3E-03	2.3E-03
AOI 22B	Groundwater	Ethylbenzene	0/16	2.5E-03	0.0E+00	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.2E-03	3.1E-03	1.8E-03
AOI 22B	Groundwater	Fluoranthene	5/13	5.0E-03	2.0E-04	1.0E-04	9.6E-04	2.5E-03	2.4E-03	3.7E-03	4.1E-02	2.0E-04
AOI 22B	Groundwater	Fluorene	3/13	5.0E-03	1.0E-03	1.0E-04	1.7E-03	2.8E-03	2.2E-03	3.8E-03	1.2E-02	1.0E-03
AOI 22B	Groundwater	Indeno[1,2,3-c,d]pyrene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 22B	Groundwater	Lead	2/14	1.1E-02	1.1E-02	5.0E-04	1.0E-03	2.0E-03	3.0E-03	3.4E-03	3.9E-03	2.0E-03
AOI 22B	Groundwater	Mercury	0/13	2.5E-03	0.0E+00	8.5E-06	1.7E-04	1.2E-03	1.3E-03	1.8E-03	6.8E-01	1.2E-03
AOI 22B	Groundwater	Naphthalene	0/11	5.0E-03	0.0E+00	1.0E-03	2.4E-03	3.2E-03	2.1E-03	4.3E-03	6.8E-03	3.2E-03
AOI 22B	Groundwater	n-Nitrosodipropylamine	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.8E-03	7.2E-03	2.7E-03
AOI 22B	Groundwater	Pentachlorophenol (PCP)	1/13	1.3E-02	2.0E-03	5.0E-04	2.9E-03	6.3E-03	6.0E-03	9.2E-03	4.3E-02	2.0E-03
AOI 22B	Groundwater	Phenanthrene	3/13	5.0E-03	3.0E-04	2.0E-04	1.4E-03	2.6E-03	2.3E-03	3.7E-03	1.2E-02	3.0E-04
AOI 22B	Groundwater	Pyrene	5/13	5.0E-03	3.0E-04	1.0E-04	1.1E-03	2.5E-03	2.4E-03	3.7E-03	2.3E-02	3.0E-04
AOI 22B	Groundwater	Selenium	7/14	4.6E-02	4.6E-02	9.0E-04	4.7E-03	9.7E-03	1.2E-02	1.5E-02	3.4E-02	3.4E-02
AOI 22B	Groundwater	Silver	4/14	5.0E-03	2.4E-03	7.0E-04	2.6E-03	3.1E-03	1.8E-03	4.0E-03	5.3E-03	2.4E-03
AOI 22B	Groundwater	Tetrachloroethene	0/16	2.5E-03	0.0E+00	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.2E-03	3.1E-03	1.8E-03
AOI 22B	Groundwater	Toluene	0/16	2.5E-03	0.0E+00	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.2E-03	3.1E-03	1.8E-03
AOI 22B	Groundwater	Trichloroethene	2/15	3.3E-03	3.3E-03	5.0E-04	1.4E-03	1.8E-03	1.0E-03	2.3E-03	3.2E-03	3.2E-03
AOI 22B	Groundwater	Vinyl Chloride	24/28	4.6E-01	4.6E-01	1.0E-03	3.1E-02	8.1E-02	1.1E-01	1.2E-01	3.4E-01	3.4E-01
AOI 22B	Groundwater	Xylenes (Total)	1/15	7.5E-03	1.4E-03	5.0E-04	2.2E-03	2.7E-03	2.0E-03	3.6E-03	4.1E-03	1.4E-03
AOI 26	Groundwater	1,1,1-Trichloroethane	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	1,1,2-Trichloroethane	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	1,1-Dichloroethane	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	1,2,3-Trichloropropane	0/18	5.0E-03	0.0E+00	5.0E-04	1.4E-03	2.3E-03	2.1E-03	3.2E-03	5.0E-03	2.3E-03
AOI 26	Groundwater	1,2-Dichloroethane	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	1,2-Dichloroethene	9/18	5.0E-03	1.8E-03	5.0E-04	1.4E-03	1.8E-03	1.6E-03	2.5E-03	2.7E-03	1.8E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 13 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 26	Groundwater	1,4-Dichlorobenzene	0/15	5.0E-03	0.0E+00	1.0E-03	1.9E-03	2.6E-03	2.0E-03	3.5E-03	4.5E-03	2.6E-03
AOI 26	Groundwater	2,6-Dinitrotoluene	0/15	5.0E-03	0.0E+00	5.0E-04	1.3E-03	2.3E-03	2.3E-03	3.3E-03	6.7E-03	2.3E-03
AOI 26	Groundwater	2-Methylnaphthalene	2/15	2.9E-02	2.9E-02	5.0E-04	1.7E-03	3.9E-03	7.2E-03	7.2E-03	9.7E-03	9.7E-03
AOI 26	Groundwater	4,6-Dinitro-o-cresol	0/15	1.3E-02	0.0E+00	5.0E-03	7.2E-03	8.0E-03	3.8E-03	9.7E-03	1.0E-02	8.0E-03
AOI 26	Groundwater	4-Methylphenol (p-Cresol)	1/15	5.0E-03	1.5E-03	5.0E-04	1.5E-03	2.2E-03	2.0E-03	3.2E-03	4.7E-03	1.5E-03
AOI 26	Groundwater	Acenaphthene	2/15	8.6E-03	8.6E-03	2.0E-04	1.5E-03	2.7E-03	2.6E-03	3.9E-03	8.0E-03	8.0E-03
AOI 26	Groundwater	Acetone	2/12	9.7E-03	9.7E-03	1.0E-03	2.3E-03	3.3E-03	2.8E-03	4.7E-03	7.2E-03	7.2E-03
AOI 26	Groundwater	Arsenic	5/14	1.3E-02	1.3E-02	8.0E-04	3.2E-03	5.0E-03	4.4E-03	7.1E-03	1.2E-02	1.2E-02
AOI 26	Groundwater	Barium	14/14	3.4E-01	3.4E-01	1.4E-01	2.3E-01	2.4E-01	5.4E-02	2.6E-01	2.7E-01	2.7E-01
AOI 26	Groundwater	Benzene	1/18	2.5E-03	1.2E-03	5.0E-04	1.1E-03	1.4E-03	1.0E-03	1.8E-03	2.3E-03	1.2E-03
AOI 26	Groundwater	Benzo[a]anthracene	1/15	5.5E-03	5.5E-03	1.0E-03	1.9E-03	2.6E-03	2.1E-03	3.6E-03	4.6E-03	4.6E-03
AOI 26	Groundwater	Benzo[a]pyrene	1/15	5.0E-03	1.1E-03	5.0E-04	1.4E-03	2.2E-03	2.1E-03	3.1E-03	4.6E-03	1.1E-03
AOI 26	Groundwater	Benzo[b]fluoranthene	1/15	5.0E-03	2.3E-03	1.0E-03	1.8E-03	2.4E-03	1.9E-03	3.3E-03	4.0E-03	2.3E-03
AOI 26	Groundwater	Benzo[k]fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	1.9E-03	2.6E-03	2.0E-03	3.5E-03	4.5E-03	2.6E-03
AOI 26	Groundwater	bis(2-Chloroethyl)ether	0/15	5.0E-03	0.0E+00	5.0E-04	1.6E-03	2.5E-03	2.2E-03	3.4E-03	5.5E-03	2.5E-03
AOI 26	Groundwater	bis(2-Ethylhexyl)phthalate	7/15	9.9E-02	9.9E-02	1.5E-04	1.7E-03	1.2E-02	2.6E-02	2.4E-02	3.3E-01	9.9E-02
AOI 26	Groundwater	Cadmium	4/14	4.1E-03	4.1E-03	7.5E-05	3.4E-04	1.0E-03	1.4E-03	1.6E-03	5.6E-03	4.1E-03
AOI 26	Groundwater	Carbazole	0/15	5.0E-03	0.0E+00	3.0E-03	3.7E-03	3.8E-03	1.0E-03	4.3E-03	4.3E-03	3.8E-03
AOI 26	Groundwater	Chlorodibromomethane	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	Chloroethane (Ethyl chloride)	0/18	5.0E-03	0.0E+00	5.0E-04	2.0E-03	2.9E-03	2.2E-03	3.8E-03	5.9E-03	2.9E-03
AOI 26	Groundwater	Chloromethane (Methyl chloride)	0/18	5.0E-03	0.0E+00	5.0E-04	2.0E-03	2.9E-03	2.2E-03	3.8E-03	5.9E-03	2.9E-03
AOI 26	Groundwater	Chromium	4/14	5.0E-03	2.7E-03	1.5E-04	6.6E-04	1.6E-03	2.0E-03	2.5E-03	7.6E-03	2.7E-03
AOI 26	Groundwater	Chrysene	1/15	8.5E-03	8.5E-03	5.0E-04	1.6E-03	2.7E-03	2.6E-03	3.9E-03	6.3E-03	6.3E-03
AOI 26	Groundwater	cis-1,2-Dichloroethene	5/12	2.5E-03	1.0E-03	5.0E-04	8.4E-04	1.1E-03	8.7E-04	1.5E-03	1.8E-03	1.0E-03
AOI 26	Groundwater	Dibenz[a,h]anthracene	0/15	5.0E-03	0.0E+00	1.0E-03	1.9E-03	2.6E-03	2.0E-03	3.5E-03	4.5E-03	2.6E-03
AOI 26	Groundwater	Dibenzofuran	1/6	5.7E-03	5.7E-03	5.0E-03	5.1E-03	5.1E-03	2.9E-04	5.4E-03	5.4E-03	5.4E-03
AOI 26	Groundwater	Dichloromethane	5/18	2.5E-03	1.7E-03	5.0E-04	9.5E-04	1.2E-03	8.2E-04	1.5E-03	1.8E-03	1.7E-03
AOI 26	Groundwater	Ethylbenzene	1/18	2.5E-03	2.4E-03	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	2.4E-03
AOI 26	Groundwater	Fluoranthene	1/15	5.0E-03	4.9E-03	1.0E-03	1.9E-03	2.6E-03	2.0E-03	3.5E-03	4.5E-03	4.5E-03
AOI 26	Groundwater	Fluorene	1/15	1.9E-02	1.9E-02	5.0E-04	1.7E-03	3.4E-03	4.8E-03	5.6E-03	9.1E-03	9.1E-03
AOI 26	Groundwater	Indeno[1,2,3-c,d]pyrene	1/15	5.0E-03	1.5E-03	1.0E-03	1.8E-03	2.4E-03	1.9E-03	3.2E-03	3.9E-03	1.5E-03
AOI 26	Groundwater	Lead	2/14	4.3E-02	4.3E-02	5.5E-04	2.0E-03	7.6E-03	1.5E-02	1.4E-02	3.2E-02	7.6E-03
AOI 26	Groundwater	Mercury	3/14	2.5E-03	1.9E-03	8.5E-06	6.0E-05	5.4E-04	9.7E-04	1.0E-03	2.7E-02	1.9E-03
AOI 26	Groundwater	Naphthalene	2/15	2.8E-02	2.8E-02	1.0E-03	2.1E-03	4.1E-03	6.9E-03	7.2E-03	7.7E-03	7.7E-03
AOI 26	Groundwater	n-Nitrosodipropylamine	0/15	5.0E-03	0.0E+00	5.0E-04	1.7E-03	2.5E-03	2.1E-03	3.5E-03	5.4E-03	2.5E-03

Groundwater.xls: EPCSTAT Output

11/18/2002

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 26	Groundwater	Pentachlorophenol (PCP)	0/15	1.3E-02	0.0E+00	5.0E-04	2.3E-03	5.5E-03	5.9E-03	8.2E-03	2.7E-02	5.5E-03
AOI 26	Groundwater	Phenanthrene	1/15	5.1E-02	5.1E-02	5.0E-04	1.8E-03	5.5E-03	1.3E-02	1.1E-02	1.4E-02	1.4E-02
AOI 26	Groundwater	Pyrene	1/15	2.9E-02	2.9E-02	1.0E-03	2.1E-03	4.2E-03	7.1E-03	7.4E-03	8.1E-03	8.1E-03
AOI 26	Groundwater	Selenium	1/14	2.0E-02	2.4E-03	9.0E-04	3.5E-03	6.7E-03	7.6E-03	1.0E-02	2.2E-02	2.4E-03
AOI 26	Groundwater	Silver	3/14	5.0E-03	2.4E-03	7.0E-04	2.2E-03	2.8E-03	1.8E-03	3.7E-03	5.0E-03	2.4E-03
AOI 26	Groundwater	Tetrachloroethene	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	Toluene	1/18	2.5E-03	1.4E-03	5.0E-04	1.1E-03	1.4E-03	1.0E-03	1.8E-03	2.4E-03	1.4E-03
AOI 26	Groundwater	Trichloroethene	0/18	2.5E-03	0.0E+00	5.0E-04	1.1E-03	1.5E-03	1.0E-03	1.9E-03	2.5E-03	1.5E-03
AOI 26	Groundwater	Vinyl Chloride	13/20	7.0E-03	7.0E-03	5.0E-04	2.6E-03	3.2E-03	1.9E-03	4.0E-03	5.4E-03	5.4E-03
AOI 26	Groundwater	Xylenes (Total)	2/18	5.3E-03	5.3E-03	5.0E-04	1.8E-03	2.4E-03	1.6E-03	3.0E-03	3.8E-03	3.8E-03
AOI 27	Groundwater	1,1,1-Trichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	1,1,2-Trichloroethane	0/13	2.5E-03	0.0E+00	5.0E-04	1.5E-03	1.9E-03	9.6E-04	2.4E-03	3.6E-03	1.9E-03
AOI 27	Groundwater	1,1-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	1,2,3-Trichloropropane	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.9E-03	2.2E-03	3.9E-03	7.6E-03	2.9E-03
AOI 27	Groundwater	1,2-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	1,2-Dichloroethene	7/15	5.0E-03	3.0E-03	6.0E-04	1.7E-03	2.0E-03	1.2E-03	2.5E-03	2.9E-03	2.9E-03
AOI 27	Groundwater	1,4-Dichlorobenzene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	2,6-Dinitrotoluene	0/15	5.0E-03	0.0E+00	5.0E-04	1.5E-03	2.6E-03	2.3E-03	3.7E-03	8.1E-03	2.6E-03
AOI 27	Groundwater	2-Methylnaphthalene	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	4,6-Dinitro-o-cresol	0/15	1.3E-02	0.0E+00	5.0E-03	7.7E-03	8.5E-03	3.9E-03	1.0E-02	1.1E-02	8.5E-03
AOI 27	Groundwater	4-Methylphenol (p-Cresol)	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	Acenaphthene	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	Acetone	5/13	1.1E-02	1.1E-02	1.0E-03	3.3E-03	4.9E-03	3.9E-03	6.8E-03	1.3E-02	1.1E-02
AOI 27	Groundwater	Arsenic	11/15	1.0E-02	1.0E-02	2.0E-03	3.9E-03	4.5E-03	2.7E-03	5.8E-03	6.1E-03	6.1E-03
AOI 27	Groundwater	Barium	15/15	5.8E-01	5.8E-01	6.1E-02	1.6E-01	2.1E-01	1.6E-01	2.8E-01	3.2E-01	3.2E-01
AOI 27	Groundwater	Benzene	1/15	2.5E-03	8.0E-04	5.0E-04	1.4E-03	1.7E-03	9.9E-04	2.2E-03	3.1E-03	8.0E-04
AOI 27	Groundwater	Benzo[a]anthracene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	Benzo[a]pyrene	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	Benzo[b]fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	Benzo[k]fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	bis(2-Chloroethyl)ether	3/15	5.0E-03	1.0E-03	5.0E-04	1.9E-03	2.8E-03	2.2E-03	3.8E-03	6.2E-03	1.0E-03
AOI 27	Groundwater	bis(2-Ethylhexyl)phthalate	3/15	9.0E-03	9.0E-03	1.5E-04	1.8E-03	3.4E-03	2.9E-03	4.8E-03	1.9E-02	9.0E-03
AOI 27	Groundwater	Cadmium	3/15	3.6E-03	3.6E-03	7.5E-05	6.4E-04	1.1E-03	1.1E-03	1.6E-03	3.3E-03	3.3E-03
AOI 27	Groundwater	Carbazole	0/15	5.0E-03	0.0E+00	3.0E-03	3.8E-03	3.9E-03	1.0E-03	4.4E-03	4.5E-03	3.9E-03
AOI 27	Groundwater	Chlorodibromomethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 15 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min			UCL95		L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 27	Groundwater	Chloroethane (Ethyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	2.4E-03	3.3E-03	2.1E-03	4.3E-03	7.6E-03	3.3E-03
AOI 27	Groundwater	Chloromethane (Methyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	2.4E-03	3.3E-03	2.1E-03	4.3E-03	7.6E-03	3.3E-03
AOI 27	Groundwater	Chromium	5/15	9.0E-02	9.0E-02	1.5E-04	2.1E-03	1.2E-02	2.5E-02	2.4E-02	2.7E-01	9.0E-02
AOI 27	Groundwater	Chrysene	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	cis-1,2-Dichloroethene	4/8	3.0E-03	3.0E-03	5.0E-04	1.0E-03	1.3E-03	1.0E-03	2.0E-03	3.4E-03	3.0E-03
AOI 27	Groundwater	Dibenz[a,h]anthracene	0/15	5.0E-03	0.0E+00	1.0E-03	2.2E-03	2.9E-03	2.0E-03	3.8E-03	5.1E-03	2.9E-03
AOI 27	Groundwater	Dibenzofuran	0/7	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 27	Groundwater	Dichloromethane	7/15	2.5E-03	1.5E-03	5.0E-04	9.7E-04	1.1E-03	6.8E-04	1.5E-03	1.7E-03	1.5E-03
AOI 27	Groundwater	Ethylbenzene	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	Fluoranthene	0/15	5.0E-03	0.0E+00	1.0E-03	2.2E-03	2.9E-03	2.0E-03	3.8E-03	5.1E-03	2.9E-03
AOI 27	Groundwater	Fluorene	1/15	5.0E-03	3.0E-04	3.0E-04	1.7E-03	2.7E-03	0.0E+00	2.7E-03	6.9E-03	3.0E-04
AOI 27	Groundwater	Indeno[1,2,3-c,d]pyrene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	Lead	4/15	9.5E-03	9.5E-03	5.0E-04	1.7E-03	3.1E-03	3.2E-03	4.5E-03	9.2E-03	3.1E-03
AOI 27	Groundwater	Mercury	0/15	2.5E-03	0.0E+00	8.5E-06	2.1E-04	1.2E-03	1.3E-03	1.8E-03	3.3E-01	1.2E-03
AOI 27	Groundwater	Naphthalene	2/15	5.0E-03	2.0E-04	1.0E-04	1.6E-03	2.8E-03	2.2E-03	3.7E-03	1.1E-02	2.0E-04
AOI 27	Groundwater	n-Nitrosodipropylamine	0/15	5.0E-03	0.0E+00	5.0E-04	1.9E-03	2.8E-03	2.1E-03	3.8E-03	5.8E-03	2.8E-03
AOI 27	Groundwater	Pentachlorophenol (PCP)	3/15	1.3E-02	3.0E-03	5.0E-04	3.0E-03	6.4E-03	5.9E-03	9.1E-03	3.6E-02	3.0E-03
AOI 27	Groundwater	Phenanthrene	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.7E-03	2.2E-03	3.7E-03	6.5E-03	2.7E-03
AOI 27	Groundwater	Pyrene	0/15	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.9E-03	2.1E-03	3.8E-03	5.2E-03	2.9E-03
AOI 27	Groundwater	Selenium	3/15	2.6E-02	2.6E-02	9.0E-04	4.8E-03	7.7E-03	7.8E-03	1.1E-02	1.8E-02	1.8E-02
AOI 27	Groundwater	Silver	2/15	1.0E-02	1.0E-02	7.0E-04	2.9E-03	3.7E-03	2.5E-03	4.9E-03	6.9E-03	6.9E-03
AOI 27	Groundwater	Tetrachloroethene	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	Toluene	0/15	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.7E-03	1.0E-03	2.2E-03	3.1E-03	1.7E-03
AOI 27	Groundwater	Trichloroethene	6/15	3.1E-03	3.1E-03	5.0E-04	1.8E-03	2.0E-03	8.6E-04	2.4E-03	3.3E-03	3.1E-03
AOI 27	Groundwater	Vinyl Chloride	0/15	5.0E-03	0.0E+00	5.0E-04	2.4E-03	3.3E-03	2.1E-03	4.3E-03	7.6E-03	3.3E-03
AOI 27	Groundwater	Xylenes (Total)	0/15	5.0E-03	0.0E+00	5.0E-04	1.9E-03	2.3E-03	1.3E-03	2.9E-03	3.6E-03	2.3E-03
AOI 30	Groundwater	1,1,1-Trichloroethane	0/47	6.0E-02	0.0E+00	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	4.2E-03
AOI 30	Groundwater	1,1,2-Trichloroethane	0/45	6.0E-02	0.0E+00	5.0E-04	1.7E-03	4.3E-03	1.1E-02	7.2E-03	4.9E-03	4.3E-03
AOI 30	Groundwater	1,1-Dichloroethane	0/47	6.0E-02	0.0E+00	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	4.2E-03
AOI 30	Groundwater	1,2,3-Trichloropropane	1/47	1.3E-01	9.0E-03	5.0E-04	2.4E-03	8.1E-03	2.3E-02	1.4E-02	1.1E-02	9.0E-03
AOI 30	Groundwater	1,2-Dichloroethane	0/47	6.0E-02	0.0E+00	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	4.2E-03
AOI 30	Groundwater	1,2-Dichloroethene	21/47	6.0E-01	6.0E-01	1.0E-03	5.5E-03	3.8E-02	1.0E-01	6.3E-02	5.5E-02	6.3E-02
AOI 30	Groundwater	1,4-Dichlorobenzene	8/39	2.5E-01	3.0E-03	1.0E-04	2.4E-03	1.6E-02	4.7E-02	2.9E-02	3.1E-02	3.0E-03
AOI 30	Groundwater	2,6-Dinitrotoluene	0/39	2.5E-01	0.0E+00	5.0E-04	1.9E-03	1.6E-02	4.7E-02	2.9E-02	2.6E-02	1.6E-02
AOI 30	Groundwater	2-Methylnaphthalene	14/39	6.9E+00	6.9E+00	5.0E-04	5.2E-03	2.8E-01	1.2E+00	6.1E-01	4.0E-01	6.1E-01

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 16 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 30	Groundwater	4,6-Dinitro-o-cresol	0/37	6.0E-01	0.0E+00	5.0E-03	1.1E-02	4.4E-02	1.2E-01	7.6E-02	4.3E-02	4.4E-02
AOI 30	Groundwater	4-Methylphenol (p-Cresol)	3/39	2.5E-01	1.9E-03	5.0E-04	2.6E-03	1.6E-02	4.7E-02	2.9E-02	1.9E-02	1.9E-03
AOI 30	Groundwater	Acenaphthene	16/39	1.1E+00	1.1E+00	5.0E-04	3.0E-03	4.3E-02	1.8E-01	9.2E-02	3.7E-02	9.2E-02
AOI 30	Groundwater	Acetone	12/40	1.6E-01	1.6E-01	1.0E-03	3.4E-03	9.4E-03	2.6E-02	1.6E-02	1.2E-02	1.6E-02
AOI 30	Groundwater	Aroclor-1260	0/1	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02	#DIV/0!	#VALUE!	#DIV/0!	5.0E-02
AOI 30	Groundwater	Arsenic	22/41	5.1E-02	5.1E-02	8.0E-04	5.7E-03	1.1E-02	1.4E-02	1.5E-02	1.9E-02	1.9E-02
AOI 30	Groundwater	Barium	41/41	2.2E+00	2.2E+00	1.4E-02	3.4E-01	5.0E-01	4.5E-01	6.2E-01	7.6E-01	7.6E-01
AOI 30	Groundwater	Benzene	21/47	6.0E-02	9.0E-03	5.0E-04	2.6E-03	5.3E-03	1.1E-02	8.0E-03	6.1E-03	8.0E-03
AOI 30	Groundwater	Benzo[a]anthracene	3/39	1.3E-01	1.3E-01	1.0E-03	2.7E-03	1.2E-02	3.0E-02	2.0E-02	1.5E-02	2.0E-02
AOI 30	Groundwater	Benzo[a]pyrene	1/39	2.5E-01	7.3E-02	5.0E-04	2.7E-03	1.6E-02	4.5E-02	2.8E-02	1.8E-02	2.8E-02
AOI 30	Groundwater	Benzo[b]fluoranthene	1/39	2.5E-01	8.3E-02	1.0E-03	2.8E-03	1.6E-02	4.6E-02	2.8E-02	1.8E-02	2.8E-02
AOI 30	Groundwater	Benzo[k]fluoranthene	1/39	2.5E-01	3.8E-02	1.0E-03	2.8E-03	1.5E-02	4.5E-02	2.7E-02	1.6E-02	2.7E-02
AOI 30	Groundwater	bis(2-Chloroethyl)ether	0/39	2.5E-01	0.0E+00	5.0E-04	2.7E-03	1.6E-02	4.7E-02	2.9E-02	1.9E-02	1.6E-02
AOI 30	Groundwater	bis(2-Ethylhexyl)phthalate	16/39	2.7E-01	2.7E-01	5.0E-05	2.5E-03	2.1E-02	5.0E-02	3.5E-02	1.3E-01	1.3E-01
AOI 30	Groundwater	Cadmium	11/41	1.1E-02	1.1E-02	7.5E-05	4.5E-04	1.3E-03	2.1E-03	1.9E-03	3.1E-03	3.1E-03
AOI 30	Groundwater	Carbazole	4/38	2.5E-01	3.0E-03	6.0E-04	4.9E-03	1.8E-02	4.7E-02	3.1E-02	1.7E-02	3.0E-03
AOI 30	Groundwater	Chlorodibromomethane	0/47	6.0E-02	0.0E+00	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	4.2E-03
AOI 30	Groundwater	Chloroethane (Ethyl chloride)	0/47	6.0E-02	0.0E+00	5.0E-04	2.8E-03	5.7E-03	1.1E-02	8.3E-03	8.2E-03	5.7E-03
AOI 30	Groundwater	Chloromethane (Methyl chloride)	1/47	6.0E-02	1.0E-02	5.0E-04	2.8E-03	5.8E-03	1.1E-02	8.5E-03	8.5E-03	8.5E-03
AOI 30	Groundwater	Chromium	10/41	9.2E-02	9.2E-02	1.1E-04	1.8E-03	1.1E-02	2.2E-02	1.6E-02	4.2E-02	4.2E-02
AOI 30	Groundwater	Chrysene	4/39	1.5E-01	1.5E-01	5.0E-04	2.5E-03	1.2E-02	3.2E-02	2.1E-02	1.5E-02	2.1E-02
AOI 30	Groundwater	cis-1,2-Dichloroethene	10/24	1.6E-01	1.6E-01	5.0E-04	2.4E-03	1.9E-02	4.5E-02	3.5E-02	7.1E-02	7.1E-02
AOI 30	Groundwater	Dibenz[a,h]anthracene	0/39	2.5E-01	0.0E+00	1.0E-03	3.0E-03	1.6E-02	4.7E-02	2.9E-02	1.8E-02	1.6E-02
AOI 30	Groundwater	Dibenzofuran	3/17	2.5E-01	4.1E-02	2.5E-03	9.8E-03	3.3E-02	6.4E-02	6.0E-02	8.8E-02	4.1E-02
AOI 30	Groundwater	Dichloromethane	14/47	6.0E-02	8.8E-03	5.0E-04	1.4E-03	3.9E-03	1.1E-02	6.6E-03	3.6E-03	6.6E-03
AOI 30	Groundwater	Ethylbenzene	2/47	6.0E-02	3.2E-03	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	3.2E-03
AOI 30	Groundwater	Fluoranthene	11/38	3.1E-01	3.1E-01	1.0E-04	2.8E-03	2.0E-02	6.4E-02	3.8E-02	2.6E-02	3.8E-02
AOI 30	Groundwater	Fluorene	18/39	1.3E+00	1.3E+00	5.0E-04	3.3E-03	5.4E-02	2.2E-01	1.1E-01	4.0E-02	1.1E-01
AOI 30	Groundwater	Indeno[1,2,3-c,d]pyrene	0/39	2.5E-01	0.0E+00	1.0E-03	2.9E-03	1.6E-02	4.7E-02	2.9E-02	1.9E-02	1.6E-02
AOI 30	Groundwater	Lead	21/41	1.6E+00	1.6E+00	5.5E-04	5.0E-03	8.1E-02	2.7E-01	1.5E-01	1.9E-01	8.1E-02
AOI 30	Groundwater	Mercury	5/40	2.5E-03	4.8E-05	8.5E-06	1.3E-04	1.1E-03	1.2E-03	1.4E-03	3.0E-02	4.8E-05
AOI 30	Groundwater	Naphthalene	8/39	7.2E-01	7.2E-01	5.0E-04	2.9E-03	3.2E-02	1.2E-01	6.5E-02	2.9E-02	6.5E-02
AOI 30	Groundwater	n-Nitrosodipropylamine	0/39	2.5E-01	0.0E+00	5.0E-04	2.7E-03	1.6E-02	4.7E-02	2.9E-02	1.9E-02	1.6E-02
AOI 30	Groundwater	Pentachlorophenol (PCP)	3/37	6.0E-01	5.0E-03	5.0E-04	4.8E-03	4.2E-02	1.2E-01	7.4E-02	1.0E-01	5.0E-03
AOI 30	Groundwater	Phenanthrene	14/37	2.3E+00	2.3E+00	2.0E-04	2.6E-03	7.8E-02	3.8E-01	1.8E-01	6.4E-02	1.8E-01

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 17 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 30	Groundwater	Pyrene	11/39	4.2E-01	4.2E-01	4.0E-04	2.6E-03	2.2E-02	7.6E-02	4.3E-02	2.0E-02	4.3E-02
AOI 30	Groundwater	Selenium	18/41	5.0E-02	2.7E-02	9.0E-04	5.2E-03	8.8E-03	9.7E-03	1.1E-02	1.4E-02	1.4E-02
AOI 30	Groundwater	Silver	8/41	5.0E-03	3.2E-03	7.0E-04	3.0E-03	3.6E-03	1.7E-03	4.0E-03	4.7E-03	3.2E-03
AOI 30	Groundwater	Tetrachloroethene	3/47	6.0E-02	9.7E-03	5.0E-04	1.6E-03	4.3E-03	1.1E-02	7.0E-03	5.0E-03	7.0E-03
AOI 30	Groundwater	Toluene	7/47	6.0E-02	3.1E-03	5.0E-04	1.4E-03	4.0E-03	1.1E-02	6.7E-03	4.2E-03	3.1E-03
AOI 30	Groundwater	Trichloroethene	1/47	6.0E-02	2.5E-03	5.0E-04	1.6E-03	4.2E-03	1.1E-02	6.9E-03	4.6E-03	2.5E-03
AOI 30	Groundwater	Vinyl Chloride	32/58	2.0E+00	2.0E+00	5.0E-04	9.1E-03	1.1E-01	3.0E-01	1.7E-01	2.9E-01	2.9E-01
AOI 30	Groundwater	Xylenes (Total)	7/47	6.0E-02	5.4E-03	5.0E-04	2.2E-03	4.7E-03	1.1E-02	7.4E-03	5.1E-03	5.4E-03
AOI 32	Groundwater	1,1,1-Trichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	1,1,2-Trichloroethane	0/14	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.6E-03	1.0E-03	2.1E-03	3.1E-03	1.6E-03
AOI 32	Groundwater	1,1-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	1,2,3-Trichloropropane	0/15	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.8E-03	2.2E-03	3.8E-03	7.3E-03	2.8E-03
AOI 32	Groundwater	1,2-Dichloroethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	1,2-Dichloroethene	1/15	3.0E-03	3.0E-03	1.0E-03	1.7E-03	1.8E-03	8.2E-04	2.2E-03	2.4E-03	2.4E-03
AOI 32	Groundwater	1,4-Dichlorobenzene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 32	Groundwater	2,6-Dinitrotoluene	0/13	5.0E-03	0.0E+00	5.0E-04	1.4E-03	2.6E-03	2.3E-03	3.7E-03	9.5E-03	2.6E-03
AOI 32	Groundwater	2-Methylnaphthalene	3/13	3.2E-02	3.2E-02	5.0E-04	2.1E-03	4.8E-03	8.5E-03	9.0E-03	1.6E-02	1.6E-02
AOI 32	Groundwater	4,6-Dinitro-o-cresol	0/13	1.3E-02	0.0E+00	5.0E-03	7.7E-03	8.5E-03	3.9E-03	1.0E-02	1.1E-02	8.5E-03
AOI 32	Groundwater	4-Methylphenol (p-Cresol)	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.8E-03	2.2E-03	3.8E-03	6.9E-03	2.8E-03
AOI 32	Groundwater	Acenaphthene	7/13	5.0E-03	3.3E-03	2.0E-04	1.2E-03	1.8E-03	1.6E-03	2.6E-03	4.1E-03	3.3E-03
AOI 32	Groundwater	Acetone	1/12	1.0E+01	1.0E+01	1.0E-03	4.8E-03	8.4E-01	2.9E+00	2.3E+00	1.2E+01	1.0E+01
AOI 32	Groundwater	Arsenic	5/8	1.7E-02	1.7E-02	9.0E-04	4.9E-03	7.4E-03	6.0E-03	1.1E-02	3.6E-02	1.7E-02
AOI 32	Groundwater	Barium	8/8	6.7E-01	6.7E-01	3.7E-01	5.2E-01	5.2E-01	9.2E-02	5.9E-01	6.0E-01	6.0E-01
AOI 32	Groundwater	Benzene	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	Benzo[a]anthracene	2/13	5.0E-03	1.3E-03	2.0E-05	1.4E-03	2.5E-03	2.1E-03	3.5E-03	2.3E-02	1.3E-03
AOI 32	Groundwater	Benzo[a]pyrene	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.8E-03	2.2E-03	3.8E-03	6.9E-03	2.8E-03
AOI 32	Groundwater	Benzo[b]fluoranthene	1/13	5.0E-03	1.1E-03	1.0E-03	1.9E-03	2.5E-03	2.0E-03	3.5E-03	4.7E-03	1.1E-03
AOI 32	Groundwater	Benzo[k]fluoranthene	1/13	5.0E-03	2.0E-04	2.0E-04	1.9E-03	2.8E-03	0.0E+00	2.8E-03	7.8E-03	2.0E-04
AOI 32	Groundwater	bis(2-Chloroethyl)ether	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.8E-03	2.2E-03	3.8E-03	6.9E-03	2.8E-03
AOI 32	Groundwater	bis(2-Ethylhexyl)phthalate	5/13	1.4E-01	1.4E-01	2.0E-04	2.8E-03	1.6E-02	3.9E-02	3.6E-02	1.6E-01	1.4E-01
AOI 32	Groundwater	Cadmium	3/8	5.0E-03	5.0E-03	7.5E-05	3.8E-04	1.3E-03	1.9E-03	2.5E-03	1.0E-01	5.0E-03
AOI 32	Groundwater	Carbazole	2/13	5.0E-03	1.2E-03	4.0E-04	3.0E-03	3.5E-03	1.5E-03	4.2E-03	6.3E-03	1.2E-03
AOI 32	Groundwater	Chlorodibromomethane	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	Chloroethane (Ethyl chloride)	0/15	5.0E-03	0.0E+00	5.0E-04	2.1E-03	3.0E-03	2.2E-03	4.0E-03	7.2E-03	3.0E-03
AOI 32	Groundwater	Chloromethane (Methyl chloride)	1/15	1.0E-02	1.0E-02	5.0E-04	2.2E-03	3.4E-03	2.8E-03	4.6E-03	8.4E-03	8.4E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 18 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 32	Groundwater	Chromium	1/8	5.0E-03	1.9E-03	1.5E-04	4.6E-04	1.1E-03	1.7E-03	2.2E-03	9.2E-03	1.9E-03
AOI 32	Groundwater	Chrysene	1/13	5.0E-03	1.1E-03	5.0E-04	1.6E-03	2.5E-03	2.1E-03	3.5E-03	5.5E-03	1.1E-03
AOI 32	Groundwater	cis-1,2-Dichloroethene	1/8	3.0E-03	3.0E-03	5.0E-04	6.3E-04	8.1E-04	8.8E-04	1.4E-03	1.4E-03	1.4E-03
AOI 32	Groundwater	Dibenz[a,h]anthracene	0/13	5.0E-03	0.0E+00	1.0E-03	2.2E-03	2.9E-03	2.0E-03	3.9E-03	5.5E-03	2.9E-03
AOI 32	Groundwater	Dibenzofuran	1/6	5.0E-03	1.2E-03	1.2E-03	3.9E-03	4.4E-03	0.0E+00	4.4E-03	9.4E-03	1.2E-03
AOI 32	Groundwater	Dichloromethane	7/15	8.7E+00	8.7E+00	5.0E-04	1.5E-03	5.8E-01	2.2E+00	1.6E+00	1.2E+00	1.6E+00
AOI 32	Groundwater	Ethylbenzene	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	Fluoranthene	2/13	7.4E-03	7.4E-03	2.0E-04	2.0E-03	3.0E-03	2.4E-03	4.2E-03	8.6E-03	7.4E-03
AOI 32	Groundwater	Fluorene	6/13	5.0E-03	3.4E-03	8.0E-05	1.1E-03	2.0E-03	1.9E-03	2.9E-03	8.2E-03	3.4E-03
AOI 32	Groundwater	Indeno[1,2,3-c,d]pyrene	0/13	5.0E-03	0.0E+00	1.0E-03	2.1E-03	2.8E-03	2.1E-03	3.9E-03	5.5E-03	2.8E-03
AOI 32	Groundwater	Lead	2/8	1.0E-02	1.0E-02	5.5E-04	1.1E-03	2.2E-03	3.3E-03	4.3E-03	8.9E-03	2.2E-03
AOI 32	Groundwater	Mercury	2/8	4.2E-05	4.2E-05	8.5E-06	1.4E-05	1.8E-05	1.3E-05	2.6E-05	3.3E-05	3.3E-05
AOI 32	Groundwater	Naphthalene	3/13	6.2E-03	6.2E-03	9.0E-04	2.0E-03	2.7E-03	2.1E-03	3.8E-03	5.2E-03	5.2E-03
AOI 32	Groundwater	n-Nitrosodipropylamine	0/13	5.0E-03	0.0E+00	5.0E-04	1.8E-03	2.8E-03	2.2E-03	3.8E-03	6.9E-03	2.8E-03
AOI 32	Groundwater	Pentachlorophenol (PCP)	2/13	1.3E-02	6.3E-03	5.0E-04	3.6E-03	6.8E-03	5.7E-03	9.6E-03	3.5E-02	6.3E-03
AOI 32	Groundwater	Phenanthrene	6/13	5.0E-03	4.5E-03	1.0E-04	1.1E-03	1.8E-03	1.8E-03	2.7E-03	5.5E-03	4.5E-03
AOI 32	Groundwater	Pyrene	2/13	5.6E-03	5.6E-03	2.0E-04	1.9E-03	2.8E-03	2.2E-03	3.9E-03	8.0E-03	5.6E-03
AOI 32	Groundwater	Selenium	3/8	2.0E-02	6.6E-03	9.0E-04	5.9E-03	8.6E-03	7.4E-03	1.4E-02	4.1E-02	6.6E-03
AOI 32	Groundwater	Silver	3/8	5.0E-03	1.5E-03	7.0E-04	1.6E-03	1.9E-03	1.3E-03	2.8E-03	3.5E-03	1.5E-03
AOI 32	Groundwater	Tetrachloroethene	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	Toluene	2/15	2.5E-03	1.6E-03	5.0E-04	1.1E-03	1.4E-03	9.6E-04	1.9E-03	2.5E-03	1.6E-03
AOI 32	Groundwater	Trichloroethene	0/15	2.5E-03	0.0E+00	5.0E-04	1.2E-03	1.6E-03	1.0E-03	2.0E-03	2.9E-03	1.6E-03
AOI 32	Groundwater	Vinyl Chloride	1/15	9.0E-03	9.0E-03	5.0E-04	2.1E-03	3.3E-03	2.6E-03	4.5E-03	8.2E-03	8.2E-03
AOI 32	Groundwater	Xylenes (Total)	1/15	5.0E-03	2.6E-03	5.0E-04	1.8E-03	2.1E-03	1.1E-03	2.6E-03	3.1E-03	2.6E-03
AOI 33	Groundwater	1,1,1-Trichloroethane	0/78	1.3E-02	0.0E+00	5.0E-04	6.0E-04	9.7E-04	2.0E-03	1.4E-03	8.6E-04	9.7E-04
AOI 33	Groundwater	1,1,2-Trichloroethane	2/78	1.3E-02	2.0E-03	5.0E-04	6.2E-04	1.0E-03	2.0E-03	1.4E-03	9.2E-04	1.4E-03
AOI 33	Groundwater	1,1-Dichloroethane	4/78	1.3E-02	2.1E-03	5.0E-04	6.0E-04	9.7E-04	2.0E-03	1.4E-03	8.6E-04	1.4E-03
AOI 33	Groundwater	1,2,3-Trichloropropane	0/78	2.5E-02	0.0E+00	5.0E-04	6.2E-04	1.2E-03	3.2E-03	1.8E-03	1.0E-03	1.2E-03
AOI 33	Groundwater	1,2-Dichloroethane	0/78	1.3E-02	0.0E+00	5.0E-04	6.0E-04	9.7E-04	2.0E-03	1.4E-03	8.6E-04	9.7E-04
AOI 33	Groundwater	1,2-Dichloroethene	0/78	2.0E-02	0.0E+00	1.0E-03	1.2E-03	1.7E-03	3.3E-03	2.3E-03	1.5E-03	1.7E-03
AOI 33	Groundwater	1,4-Dichlorobenzene	1/77	2.5E-02	4.0E-04	4.0E-04	1.1E-03	1.5E-03	0.0E+00	1.5E-03	1.4E-03	4.0E-04
AOI 33	Groundwater	2,6-Dinitrotoluene	0/77	2.5E-02	0.0E+00	5.0E-05	3.5E-04	8.9E-04	2.9E-03	1.5E-03	1.0E-03	8.9E-04
AOI 33	Groundwater	2-Methylnaphthalene	32/77	7.3E-01	7.3E-01	4.0E-05	3.0E-03	6.9E-02	1.7E-01	1.0E-01	2.4E-01	2.4E-01
AOI 33	Groundwater	4,6-Dinitro-o-cresol	0/77	6.0E-02	0.0E+00	5.0E-03	5.4E-03	6.0E-03	6.4E-03	7.2E-03	6.0E-03	6.0E-03
AOI 33	Groundwater	4-Methylphenol (p-Cresol)	8/77	2.5E-02	2.3E-02	2.0E-04	8.5E-04	1.7E-03	4.1E-03	2.5E-03	1.5E-03	2.5E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 19 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 33	Groundwater	Acenaphthene	68/82	2.4E-01	2.4E-01	1.0E-04	1.2E-02	5.3E-02	6.6E-02	6.5E-02	3.2E-01	2.4E-01
AOI 33	Groundwater	Acetone	3/60	2.4E-01	2.4E-01	1.0E-03	1.5E-03	9.2E-03	3.8E-02	1.7E-02	4.2E-03	1.7E-02
AOI 33	Groundwater	Aroclor-1260	1/7	2.5E-03	1.0E-04	4.8E-06	7.8E-05	7.7E-04	1.2E-03	1.6E-03	5.0E+02	1.0E-04
AOI 33	Groundwater	Arsenic	16/75	1.3E-02	1.3E-02	8.0E-04	1.4E-03	1.8E-03	1.8E-03	2.2E-03	2.0E-03	2.2E-03
AOI 33	Groundwater	Barium	75/75	5.1E-01	5.1E-01	2.2E-04	1.1E-01	1.3E-01	6.3E-02	1.4E-01	1.8E-01	1.8E-01
AOI 33	Groundwater	Benzene	39/78	2.7E-01	2.7E-01	5.0E-04	2.7E-03	2.9E-02	6.0E-02	4.0E-02	6.6E-02	6.6E-02
AOI 33	Groundwater	Benzo[a]anthracene	35/82	2.5E-02	1.8E-02	1.0E-04	9.1E-04	1.7E-03	3.5E-03	2.4E-03	1.8E-03	2.4E-03
AOI 33	Groundwater	Benzo[a]pyrene	20/82	2.5E-02	1.9E-02	5.0E-05	5.4E-04	1.6E-03	3.7E-03	2.2E-03	2.3E-03	2.3E-03
AOI 33	Groundwater	Benzo[b]fluoranthene	17/82	2.5E-02	8.0E-03	1.0E-04	1.0E-03	1.5E-03	2.9E-03	2.1E-03	1.6E-03	2.1E-03
AOI 33	Groundwater	Benzo[k]fluoranthene	17/82	2.5E-02	1.1E-02	1.0E-04	9.8E-04	1.6E-03	3.0E-03	2.2E-03	1.7E-03	2.2E-03
AOI 33	Groundwater	bis(2-Chloroethyl)ether	0/77	2.5E-02	0.0E+00	5.0E-04	7.7E-04	1.2E-03	2.9E-03	1.8E-03	1.1E-03	1.2E-03
AOI 33	Groundwater	bis(2-Ethylhexyl)phthalate	11/77	2.5E-02	1.0E-03	5.0E-05	2.1E-04	7.4E-04	3.0E-03	1.3E-03	4.9E-04	1.0E-03
AOI 33	Groundwater	Cadmium	10/75	4.8E-03	4.8E-03	7.5E-05	1.7E-04	3.3E-04	7.4E-04	4.8E-04	3.1E-04	4.8E-04
AOI 33	Groundwater	Carbazole	37/77	3.5E-02	3.5E-02	2.0E-04	3.6E-03	5.6E-03	6.4E-03	6.8E-03	7.0E-03	7.0E-03
AOI 33	Groundwater	Chlorodibromomethane	1/78	1.3E-02	3.0E-03	5.0E-04	6.1E-04	1.0E-03	2.0E-03	1.4E-03	9.0E-04	1.4E-03
AOI 33	Groundwater	Chloroethane (Ethyl chloride)	0/78	2.0E-02	0.0E+00	1.0E-03	1.2E-03	1.8E-03	3.3E-03	2.4E-03	1.6E-03	1.8E-03
AOI 33	Groundwater	Chloromethane (Methyl chloride)	0/78	2.0E-02	0.0E+00	1.0E-03	1.2E-03	1.8E-03	3.3E-03	2.4E-03	1.6E-03	1.8E-03
AOI 33	Groundwater	Chromium	20/75	1.1E-02	1.1E-02	1.5E-04	4.7E-04	7.2E-04	1.3E-03	9.8E-04	7.3E-04	9.8E-04
AOI 33	Groundwater	Chrysene	35/82	2.5E-02	1.8E-02	1.0E-04	7.5E-04	1.6E-03	3.6E-03	2.3E-03	1.6E-03	2.3E-03
AOI 33	Groundwater	cis-1,2-Dichloroethene	0/74	1.0E-02	0.0E+00	5.0E-04	5.4E-04	7.6E-04	1.6E-03	1.1E-03	6.8E-04	7.6E-04
AOI 33	Groundwater	Dibenz[a,h]anthracene	9/82	2.5E-02	2.0E-03	5.0E-05	5.5E-04	1.2E-03	2.8E-03	1.7E-03	2.0E-03	2.0E-03
AOI 33	Groundwater	Dibenzofuran	0/4	2.5E-02	0.0E+00	5.0E-03	7.5E-03	1.0E-02	1.0E-02	2.2E-02	6.8E-02	1.0E-02
AOI 33	Groundwater	Dichloromethane	4/78	1.0E-02	8.0E-03	5.0E-04	5.9E-04	9.1E - 04	1.7E-03	1.2E-03	8.3E-04	1.2E-03
AOI 33	Groundwater	Ethylbenzene	40/78	2.2E+00	2.2E+00	5.0E-04	6.3E-03	1.8E-01	4.8E-01	2.7E-01	1.7E+00	1.7E+00
AOI 33	Groundwater	Fluoranthene	64/82	4.3E-02	4.3E-02	9.0E-05	1.9E-03	4.4E-03	6.5E-03	5.6E-03	8.2E-03	8.2E-03
AOI 33	Groundwater	Fluorene	64/82	9.4E-02	9.4E-02	1.0E-04	5.2E-03	2.0E-02	2.3E-02	2.4E-02	7.7E-02	7.7E-02
AOI 33	Groundwater	Indeno[1,2,3-c,d]pyrene	13/82	2.5E-02	9.0E-03	7.0E-05	1.1E-03	1.6E-03	2.9E-03	2.1E-03	1.6E-03	2.1E-03
AOI 33	Groundwater	Lead	12/75	1.2E-02	1.2E-02	5.5E-04	8.6E-04	1.2E-03	1.8E-03	1.5E-03	1.2E-03	1.2E-03
AOI 33	Groundwater	Mercury	9/75	2.5E-03	1.1E-03	8.5E-06	1.3E-05	6.6E-05	3.1E-04	1.3E-04	2.9E-05	1.3E-04
AOI 33	Groundwater	Naphthalene	43/82	6.9E+00	6.9E+00	5.0E-05	7.3E-03	4.8E-01	1.3E+00	7.2E-01	5.5E+00	5.5E+00
AOI 33	Groundwater	n-Nitrosodipropylamine	1/77	2.5E-02	1.0E-03	5.0E-05	4.6E-04	1.1E-03	2.9E-03	1.7E-03	1.6E-03	1.0E-03
AOI 33	Groundwater	Pentachlorophenol (PCP)	2/77	6.0E-02	1.0E-03	1.5E-04	7.5E-04	1.9E-03	7.1E-03	3.3E-03	1.4E-03	1.0E-03
AOI 33	Groundwater	Phenanthrene	53/82	2.1E-01	2.1E-01	8.0E-05	3.4E-03	2.6E-02	4.0E-02	3.3E-02	1.5E-01	1.5E-01
AOI 33	Groundwater	Pyrene	66/82	7.9E-02	7.9E-02	8.0E-05	2.6E-03	6.7E-03	1.1E-02	8.8E-03	1.2E-02	1.2E-02
AOI 33	Groundwater	Selenium	18/75	1.8E-02	1.5E-02	9.0E-04	1.7E-03	2.7E-03	3.4E-03	3.4E-03	3.1E-03	3.4E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 20 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 33	Groundwater	Silver	2/75	5.1E-03	5.1E-03	1.6E-04	6.1E-04	8.3E-04	8.5E-04	9.9E-04	1.0E-03	1.0E-03
AOI 33	Groundwater	Tetrachloroethene	0/78	1.3E-02	0.0E+00	5.0E-04	6.0E-04	9.7E-04	2.0E-03	1.4E-03	8.6E-04	9.7E-04
AOI 33	Groundwater	Toluene	33/78	3.6E-01	3.6E-01	5.0E-04	1.7E-03	2.1E-02	6.7E-02	3.4E-02	1.8E-02	3.4E-02
AOI 33	Groundwater	Trichloroethene	1/78	1.3E-02	1.0E-03	5.0E-04	6.0E-04	9.8E-04	2.0E-03	1.4E-03	8.7E-04	1.0E-03
AOI 33	Groundwater	Vinyl Chloride	0/78	2.0E-02	0.0E+00	1.0E-03	1.2E-03	1.8E-03	3.3E-03	2.4E-03	1.6E-03	1.8E-03
AOI 33	Groundwater	Xylenes (Total)	44/78	1.8E+00	1.8E+00	6.0E-04	8.1E-03	1.2E-01	3.6E-01	1.9E-01	2.1E-01	2.1E-01
AOI 34	Groundwater	1,1,1-Trichloroethane	12/97	2.5E-02	1.7E-02	5.0E-04	1.2E-03	2.6E-03	4.8E-03	3.4E-03	2.8E-03	3.4E-03
AOI 34	Groundwater	1,1,2-Trichloroethane	1/95	3.1E-02	8.0E-04	5.0E-04	1.1E-03	2.4E-03	5.2E-03	3.3E-03	2.4E-03	8.0E-04
AOI 34	Groundwater	1,1-Dichloroethane	88/99	7.9E-01	7.9E-01	5.0E-04	1.8E-02	8.5E-02	1.5E-01	1.1E-01	2.9E-01	2.9E-01
AOI 34	Groundwater	1,2,3-Trichloropropane	0/95	6.0E-02	0.0E+00	5.0E-04	1.4E-03	4.1E-03	1.0E-02	5.9E-03	4.2E-03	4.1E-03
AOI 34	Groundwater	1,2-Dichloroethane	1/95	3.1E-02	6.0E-04	5.0E-04	1.1E-03	2.4E-03	5.2E-03	3.3E-03	2.4E-03	6.0E-04
AOI 34	Groundwater	1,2-Dichloroethene	53/97	2.0E-01	2.0E-01	6.0E-04	3.4E-03	1.2E-02	3.1E-02	1.7E-02	1.1E-02	1.7E-02
AOI 34	Groundwater	1,4-Dichlorobenzene	0/84	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.5E-03	2.2E-03
AOI 34	Groundwater	2,6-Dinitrotoluene	0/84	1.3E-02	0.0E+00	4.5E-04	9.5E-04	1.9E-03	2.4E-03	2.3E-03	2.2E-03	1.9E-03
AOI 34	Groundwater	2-Methylnaphthalene	3/84	2.2E-01	2.2E-01	5.0E-05	1.2E-03	4.6E-03	2.4E-02	9.0E-03	3.7E-03	9.0E-03
AOI 34	Groundwater	4,6-Dinitro-o-cresol	2/84	3.1E-02	2.0E-03	1.0E-03	6.3E-03	7.3E-03	4.5E-03	8.1E-03	8.0E-03	2.0E-03
AOI 34	Groundwater	4-Methylphenol (p-Cresol)	0/83	1.3E-02	0.0E+00	5.0E-04	1.3E-03	2.1E-03	2.3E-03	2.5E-03	2.5E-03	2.1E-03
AOI 34	Groundwater	Acenaphthene	35/88	1.1E-02	1.1E-02	9.0E-05	1.3E-03	2.1E-03	2.1E-03	2.5E-03	2.9E-03	2.9E-03
AOI 34	Groundwater	Acetone	10/83	4.8E-01	4.8E-01	1.0E-03	2.4E-03	1.1E-02	5.3E-02	2.1E-02	7.4E-03	2.1E-02
AOI 34	Groundwater	Antimony	1/1	5.0E-02	5.0E-02	5.0E-02	5.0E-02	5.0E-02	0.0E+00	#VALUE!	#DIV/0!	5.0E-02
AOI 34	Groundwater	Arsenic	56/95	1.4E-01	1.4E-01	8.0E-04	5.9E-03	1.6E-02	2.9E-02	2.1E-02	2.3E-02	2.3E-02
AOI 34	Groundwater	Barium	94/95	1.2E+00	1.2E+00	7.8E-02	3.0E-01	3.4E-01	2.2E-01	3.8E-01	3.8E-01	3.8E-01
AOI 34	Groundwater	Benzene	44/97	3.1E-02	7.2E-03	5.0E-04	1.6E-03	2.9E-03	5.1E-03	3.7E-03	3.1E-03	3.7E-03
AOI 34	Groundwater	Benzo[a]anthracene	0/87	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.4E-03	2.2E-03
AOI 34	Groundwater	Benzo[a]pyrene	0/87	1.3E-02	0.0E+00	5.0E-04	1.2E-03	2.0E-03	2.3E-03	2.4E-03	2.4E-03	2.0E-03
AOI 34	Groundwater	Benzo[b]fluoranthene	0/87	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.4E-03	2.2E-03
AOI 34	Groundwater	Benzo[k]fluoranthene	0/87	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.4E-03	2.2E-03
AOI 34	Groundwater	bis(2-Chloroethyl)ether	0/84	1.3E-02	0.0E+00	5.0E-04	1.3E-03	2.1E-03	2.3E-03	2.5E-03	2.5E-03	2.1E-03
AOI 34	Groundwater	bis(2-Ethylhexyl)phthalate	40/89	1.6E-01	1.6E-01	5.0E-05	8.4E-04	8.3E-03	2.9E-02	1.3E-02	8.1E-03	1.3E-02
AOI 34	Groundwater	Cadmium	22/90	1.7E-02	1.7E-02	7.5E-05	3.7E-04	1.0E-03	2.0E-03	1.4E-03	1.6E-03	1.6E-03
AOI 34	Groundwater	Carbazole	2/84	8.5E-03	2.7E-03	2.6E-03	3.4E-03	3.6E-03	1.0E-03	3.7E-03	3.7E-03	2.7E-03
AOI 34	Groundwater	Chlorodibromomethane	0/95	3.1E-02	0.0E+00	5.0E-04	1.1E-03	2.4E-03	5.2E-03	3.3E-03	2.4E-03	2.4E-03
AOI 34	Groundwater	Chloroethane (Ethyl chloride)	39/97	9.0E-02	9.0E-02	5.0E-04	3.8E-03	1.1E-02	1.7E-02	1.4E-02	1.7E-02	1.7E-02
AOI 34	Groundwater	Chloromethane (Methyl chloride)	0/95	3.1E-02	0.0E+00	5.0E-04	1.8E-03	3.5E-03	5.3E-03	4.4E-03	4.2E-03	3.5E-03
AOI 34	Groundwater	Chromium	35/91	9.4E-01	9.4E-01	1.5E-04	1.3E-03	1.9E-02	1.0E-01	3.7E-02	1.5E-02	3.7E-02

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 21 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 34	Groundwater	Chrysene	0/87	1.3E-02	0.0E+00	5.0E-04	1.2E-03	2.0E-03	2.3E-03	2.4E-03	2.4E-03	2.0E-03
AOI 34	Groundwater	cis-1,2-Dichloroethene	37/70	1.8E-01	1.8E-01	5.0E-04	2.0E-03	8.1E-03	2.5E-02	1.3E-02	9.1E-03	1.3E-02
AOI 34	Groundwater	Dibenz[a,h]anthracene	0/87	1.3E-02	0.0E+00	5.0E-04	1.5E-03	2.1E-03	2.2E-03	2.5E-03	2.5E-03	2.1E-03
AOI 34	Groundwater	Dibenzofuran	3/23	9.5E-03	9.5E-03	3.2E-03	5.1E-03	5.2E-03	1.3E-03	5.7E-03	5.6E-03	5.7E-03
AOI 34	Groundwater	Dichloromethane	21/100	3.1E-02	2.6E-02	4.0E-04	1.1E-03	2.5E-03	5.2E-03	3.3E-03	2.4E-03	3.3E-03
AOI 34	Groundwater	Ethylbenzene	3/95	3.1E-02	3.0E-03	5.0E-04	1.1E-03	2.4E-03	5.2E-03	3.3E-03	2.4E-03	3.0E-03
AOI 34	Groundwater	Fluoranthene	0/87	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.4E-03	2.2E-03
AOI 34	Groundwater	Fluorene	30/89	1.8E-02	1.8E-02	1.0E-04	1.2E-03	2.3E-03	2.9E-03	2.8E-03	3.3E-03	3.3E-03
AOI 34	Groundwater	Indeno[1,2,3-c,d]pyrene	0/87	1.3E-02	0.0E+00	1.0E-03	1.6E-03	2.2E-03	2.2E-03	2.6E-03	2.4E-03	2.2E-03
AOI 34	Groundwater	Lead	48/94	9.6E-02	9.6E-02	5.5E-04	2.3E-03	6.9E-03	1.5E-02	9.5E-03	7.7E-03	6.9E-03
AOI 34	Groundwater	Manganese	25/25	2.4E+00	2.4E+00	3.0E-01	7.6E-01	9.2E-01	5.7E-01	1.1E+00	1.2E+00	1.2E+00
AOI 34	Groundwater	Mercury	21/89	2.5E-03	5.7E-04	8.5E-06	7.2E-05	6.8E-04	1.1E-03	8.7E-04	2.4E-03	5.7E-04
AOI 34	Groundwater	Naphthalene	6/86	8.5E-03	3.4E-03	3.0E-05	1.2E-03	2.0E-03	1.9E-03	2.3E-03	3.1E-03	3.1E-03
AOI 34	Groundwater	n-Nitrosodipropylamine	0/84	1.3E-02	0.0E+00	5.0E-04	1.3E-03	2.1E-03	2.3E-03	2.5E-03	2.5E-03	2.1E-03
AOI 34	Groundwater	Pentachlorophenol (PCP)	2/85	3.1E-02	7.0E-03	4.0E-04	1.7E-03	4.4E-03	6.1E-03	5.5E-03	5.8E-03	5.8E-03
AOI 34	Groundwater	Phenanthrene	12/87	4.1E-02	4.1E-02	5.0E-05	9.7E-04	2.2E-03	4.7E-03	3.1E-03	3.0E-03	3.1E-03
AOI 34	Groundwater	Pyrene	1/87	1.3E-02	1.1E-03	1.0E-03	1.5E-03	2.1E-03	2.1E-03	2.5E-03	2.4E-03	1.1E-03
AOI 34	Groundwater	Selenium	31/90	2.9E-02	2.5E-02	9.0E-04	5.1E-03	8.2E-03	8.0E-03	9.6E-03	1.0E-02	1.0E-02
AOI 34	Groundwater	Silver	23/91	6.0E-01	6.0E-01	1.6E-04	2.2E-03	9.5E-03	6.3E-02	2.0E-02	5.4E-03	2.0E-02
AOI 34	Groundwater	Tetrachloroethene	9/96	3.1E-02	1.0E-02	5.0E-04	1.2E-03	2.7E-03	5.3E-03	3.6E-03	2.9E-03	3.6E-03
AOI 34	Groundwater	Toluene	5/95	3.1E-02	3.1E-03	5.0E-04	1.1E-03	2.4E-03	5.2E-03	3.3E-03	2.3E-03	3.1E-03
AOI 34	Groundwater	Trichloroethene	12/96	3.1E-02	5.0E-03	5.0E-04	1.2E-03	2.5E-03	5.2E-03	3.3E-03	2.5E-03	3.3E-03
AOI 34	Groundwater	Vinyl Chloride	91/130	3.1E+00	3.1E+00	5.0E-04	1.4E-02	9.6E-02	3.0E-01	1.4E-01	1.9E-01	1.9E-01
AOI 34	Groundwater	Xylenes (Total)	6/94	3.1E-02	2.2E-02	5.0E-04	2.0E-03	3.5E-03	5.7E-03	4.4E-03	3.8E-03	4.4E-03
AOI 35	Groundwater	1,1,1-Trichloroethane	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	1,1,2-Trichloroethane	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	1,1-Dichloroethane	5/9	1.8E-02	1.8E-02	5.0E-04	9.7E-04	2.7E-03	5.8E-03	6.2E-03	8.8E-03	8.8E-03
AOI 35	Groundwater	1,2,3-Trichloropropane	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	5.2E-03	1.7E-03
AOI 35	Groundwater	1,2-Dichloroethane	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	1,2-Dichloroethene	1/9	2.5E-03	1.4E-03	1.0E-03	1.1E-03	1.2E-03	5.0E-04	1.5E-03	1.5E-03	1.4E-03
AOI 35	Groundwater	1,4-Dichlorobenzene	1/9	5.0E-03	3.0E-04	3.0E-04	1.3E-03	1.8E-03	0.0E+00	1.8E-03	4.5E-03	3.0E-04
AOI 35	Groundwater	2,6-Dinitrotoluene	0/9	5.0E-03	0.0E+00	5.0E-04	8.3E-04	1.5E-03	2.0E-03	2.7E-03	4.3E-03	1.5E-03
AOI 35	Groundwater	2-Methylnaphthalene	2/9	3.7E-02	3.7E-02	1.0E-04	1.4E-03	5.7E-03	1.2E-02	1.3E-02	1.1E-01	3.7E-02
AOI 35	Groundwater	4,6-Dinitro-o-cresol	0/9	1.3E-02	0.0E+00	5.0E-03	6.1E-03	6.7E-03	3.3E-03	8.7E-03	9.0E-03	6.7E-03
AOI 35	Groundwater	4-Methylphenol (p-Cresol)	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	4.3E-03	1.7E-03

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 22 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 35	Groundwater	Acenaphthene	2/9	5.0E-03	4.0E-03	4.0E-04	1.2E-03	2.0E-03	2.0E-03	3.3E-03	6.8E-03	4.0E-03
AOI 35	Groundwater	Acetone	0/8	5.0E-03	0.0E+00	1.0E-03	1.7E-03	2.2E-03	1.8E-03	3.4E-03	5.0E-03	2.2E-03
AOI 35	Groundwater	Aroclor-1260	0/1	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02	#DIV/0!	#VALUE!	#DIV/0!	5.0E-02
AOI 35	Groundwater	Arsenic	5/9	1.0E-02	9.5E-03	1.0E-03	3.7E-03	5.0E-03	3.5E-03	7.1E-03	1.4E-02	9.5E-03
AOI 35	Groundwater	Barium	9/9	3.3E-01	3.3E-01	9.1E-02	2.0E-01	2.2E-01	9.0E-02	2.8E-01	3.1E-01	3.1E-01
AOI 35	Groundwater	Benzene	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Benzo[a]anthracene	0/9	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.9E-03	1.8E-03	3.0E-03	3.5E-03	1.9E-03
AOI 35	Groundwater	Benzo[a]pyrene	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	Benzo[b]fluoranthene	0/9	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.9E-03	1.8E-03	3.0E-03	3.5E-03	1.9E-03
AOI 35	Groundwater	Benzo[k]fluoranthene	0/9	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.9E-03	1.8E-03	3.0E-03	3.5E-03	1.9E-03
AOI 35	Groundwater	bis(2-Chloroethyl)ether	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	bis(2-Ethylhexyl)phthalate	2/9	5.0E-03	3.8E-03	1.0E-04	5.7E-04	1.3E-03	1.8E-03	2.4E-03	7.9E-03	3.8E-03
AOI 35	Groundwater	Cadmium	2/9	2.5E-03	1.5E-03	7.5E-05	3.3E-04	7.0E-04	8.3E-04	1.2E-03	7.0E-03	1.5E-03
AOI 35	Groundwater	Carbazole	1/9	5.0E-03	7.0E-04	7.0E-04	2.9E-03	3.2E-03	0.0E+00	3.2E-03	5.4E-03	7.0E-04
AOI 35	Groundwater	Chlorodibromomethane	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Chloroethane (Ethyl chloride)	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.8E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	Chloromethane (Methyl chloride)	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.8E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	Chromium	3/9	5.0E-03	2.1E-03	1.5E-04	1.1E-03	2.3E-03	2.2E-03	3.6E-03	2.9E-02	2.1E-03
AOI 35	Groundwater	Chrysene	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	cis-1,2-Dichloroethene	0/7	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04
AOI 35	Groundwater	Dibenz[a,h]anthracene	0/9	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.9E-03	1.8E-03	3.0E-03	3.5E-03	1.9E-03
AOI 35	Groundwater	Dibenzofuran	0/2	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03
AOI 35	Groundwater	Dichloromethane	1/9	2.5E-03	1.9E-03	5.0E-04	6.9E-04	8.8E-04	7.6E-04	1.4E-03	1.5E-03	1.5E-03
AOI 35	Groundwater	Ethylbenzene	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Fluoranthene	1/9	5.0E-03	2.0E-04	2.0E-04	1.2E-03	1.8E-03	0.0E+00	1.8E-03	5.5E-03	2.0E-04
AOI 35	Groundwater	Fluorene	2/9	5.0E-03	4.0E-03	5.0E-04	1.3E-03	2.0E-03	2.0E-03	3.3E-03	6.4E-03	4.0E-03
AOI 35	Groundwater	Indeno[1,2,3-c,d]pyrene	0/9	5.0E-03	0.0E+00	1.0E-03	1.4E-03	1.9E-03	1.8E-03	3.0E-03	3.5E-03	1.9E-03
AOI 35	Groundwater	Lead	3/9	5.0E-03	4.0E-03	5.0E-04	1.3E-03	2.0E-03	1.8E-03	3.1E-03	6.5E-03	2.0E-03
AOI 35	Groundwater	Manganese	2/2	5.8E-01	5.8E-01	3.5E-01	4.5E-01	4.7E-01	1.6E-01	1.2E+00	3.1E+00	5.8E-01
AOI 35	Groundwater	Mercury	3/9	2.5E-03	6.7E-05	8.5E-06	8.8E-05	6.1E - 04	1.1E-03	1.3E-03	6.0E-02	6.7E-05
AOI 35	Groundwater	Naphthalene	1/8	5.0E-03	1.0E-04	1.0E-04	1.1E-03	1.9E-03	0.0E+00	1.9E-03	1.8E-02	1.0E-04
AOI 35	Groundwater	n-Nitrosodipropylamine	0/9	5.0E-03	0.0E+00	5.0E-04	1.1E-03	1.7E-03	1.9E-03	2.9E-03	4.3E-03	1.7E-03
AOI 35	Groundwater	Pentachlorophenol (PCP)	0/9	1.3E-02	0.0E+00	5.0E-04	1.4E-03	3.4E-03	5.2E-03	6.6E-03	1.7E-02	3.4E-03
AOI 35	Groundwater	Phenanthrene	2/9	6.0E-03	6.0E-03	2.0E-04	1.3E-03	2.2E-03	2.4E-03	3.7E-03	1.2E-02	6.0E-03
AOI 35	Groundwater	Pyrene	3/9	5.0E-03	2.0E-04	1.0E-04	7.7E-04	1.6E-03	2.0E-03	2.8E-03	1.5E-02	2.0E-04

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 23 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UCL95		EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 35	Groundwater	Selenium	2/9	2.0E-02	7.4E-03	1.1E-03	4.6E-03	7.5E-03	7.5E-03	1.2E-02	2.9E-02	7.4E-03
AOI 35	Groundwater	Silver	4/9	5.0E-03	2.9E-03	7.0E-04	1.7E-03	2.3E-03	1.8E-03	3.4E-03	5.3E-03	2.9E-03
AOI 35	Groundwater	Tetrachloroethene	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Toluene	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Trichloroethene	0/9	2.5E-03	0.0E+00	5.0E-04	7.1E-04	9.4E-04	8.8E-04	1.5E-03	1.7E-03	9.4E-04
AOI 35	Groundwater	Vinyl Chloride	5/9	5.0E-03	4.3E-03	5.0E-04	1.4E-03	2.0E-03	1.6E-03	3.0E-03	5.2E-03	4.3E-03
AOI 35	Groundwater	Xylenes (Total)	0/9	2.5E-03	0.0E+00	5.0E-04	1.3E-03	1.5E-03	7.1E-04	1.9E-03	2.6E-03	1.5E-03
AOI 36	Groundwater	1,1,1-Trichloroethane	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	1,1,2-Trichloroethane	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	1,1-Dichloroethane	3/27	2.7E-02	2.7E-02	5.0E-04	9.8E-04	2.1E-03	5.1E-03	3.8E-03	2.6E-03	3.8E-03
AOI 36	Groundwater	1,2,3-Trichloropropane	0/27	5.0E-03	0.0E+00	5.0E-04	8.5E-04	1.3E-03	1.4E-03	1.7E-03	1.7E-03	1.3E-03
AOI 36	Groundwater	1,2-Dichloroethane	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	1,2-Dichloroethene	7/27	8.0E-03	8.0E-03	7.0E-04	1.6E-03	2.2E-03	2.0E-03	2.9E-03	3.0E-03	3.0E-03
AOI 36	Groundwater	1,4-Dichlorobenzene	0/25	2.0E-03	0.0E+00	1.0E-03	1.1E-03	1.2E-03	3.7E-04	1.3E-03	1.3E-03	1.2E-03
AOI 36	Groundwater	2,6-Dinitrotoluene	0/25	1.0E-03	0.0E+00	5.0E-04	5.6E-04	5.8E-04	1.9E-04	6.4E-04	6.4E-04	5.8E-04
AOI 36	Groundwater	2-Methylnaphthalene	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	4,6-Dinitro-o-cresol	0/25	1.0E-02	0.0E+00	5.0E-03	5.6E-03	5.8E-03	1.9E-03	6.4E-03	6.4E-03	5.8E-03
AOI 36	Groundwater	4-Methylphenol (p-Cresol)	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Acenaphthene	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Acetone	0/18	5.0E-03	0.0E+00	1.0E-03	1.3E-03	1.7E-03	1.5E-03	2.3E-03	2.2E-03	1.7E-03
AOI 36	Groundwater	Arsenic	8/27	1.8E-02	1.8E-02	8.0E-04	3.3E-03	4.8E-03	4.1E-03	6.1E-03	7.5E-03	7.5E-03
AOI 36	Groundwater	Barium	27/27	1.5E+00	1.5E+00	5.4E-02	1.4E-01	2.1E-01	3.0E-01	3.1E-01	2.5E-01	3.1E-01
AOI 36	Groundwater	Benzene	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	Benzo[a]anthracene	0/25	2.0E-03	0.0E+00	1.0E-03	1.1E-03	1.2E-03	3.7E-04	1.3E-03	1.3E-03	1.2E-03
AOI 36	Groundwater	Benzo[a]pyrene	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Benzo[b]fluoranthene	0/25	2.0E-03	0.0E+00	1.0E-03	1.1E-03	1.2E-03	3.7E-04	1.3E-03	1.3E-03	1.2E-03
AOI 36	Groundwater	Benzo[k]fluoranthene	0/25	2.0E-03	0.0E+00	1.0E-03	1.1E-03	1.2E-03	3.7E-04	1.3E-03	1.3E-03	1.2E-03
AOI 36	Groundwater	bis(2-Chloroethyl)ether	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	bis(2-Ethylhexyl)phthalate	7/25	1.0E-02	1.0E-02	1.0E-04	3.0E-04	7.7E-04	2.0E-03	1.4E-03	9.6E-04	1.4E-03
AOI 36	Groundwater	Cadmium	6/27	2.5E-03	1.9E-03	7.5E-05	2.9E-04	7.8E-04	1.0E-03	1.1E-03	2.1E-03	1.9E-03
AOI 36	Groundwater	Carbazole	0/25	6.0E-03	0.0E+00	3.0E-03	3.4E-03	3.5E-03	1.1E-03	3.9E-03	3.8E-03	3.5E-03
AOI 36	Groundwater	Chlorodibromomethane	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	Chloroethane (Ethyl chloride)	0/27	5.0E-03	0.0E+00	5.0E-04	1.4E-03	2.1E-03	1.9E-03	2.7E-03	3.1E-03	2.1E-03
AOI 36	Groundwater	Chloromethane (Methyl chloride)	0/27	5.0E-03	0.0E+00	5.0E-04	1.4E-03	2.1E-03	1.9E-03	2.7E-03	3.1E-03	2.1E-03
AOI 36	Groundwater	Chromium	11/27	1.8E-01	1.8E-01	1.5E-04	7.1E-04	1.2E-02	4.2E-02	2.6E-02	1.3E-02	2.6E-02

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 24 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 36	Groundwater	Chrysene	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	cis-1,2-Dichloroethene	6/24	2.5E-03	2.0E-03	5.0E-04	8.8E-04	1.1E-03	8.7E-04	1.4E-03	1.5E-03	1.5E-03
AOI 36	Groundwater	Dibenz[a,h]anthracene	0/25	1.5E-03	0.0E+00	5.0E-04	1.0E-03	1.0E-03	2.5E-04	1.1E-03	1.1E-03	1.0E-03
AOI 36	Groundwater	Dichloromethane	3/27	2.5E-03	1.5E-03	5.0E-04	7.2E-04	9.1E-04	7.3E-04	1.1E-03	1.1E-03	1.1E-03
AOI 36	Groundwater	Ethylbenzene	0/25	2.5E-03	0.0E+00	5.0E-04	8.4E-04	1.1E-03	9.5E-04	1.5E-03	1.6E-03	1.1E-03
AOI 36	Groundwater	Fluoranthene	0/25	2.5E-03	0.0E+00	1.0E-03	1.2E-03	1.2E-03	5.6E-04	1.4E-03	1.4E-03	1.2E-03
AOI 36	Groundwater	Fluorene	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Indeno[1,2,3-c,d]pyrene	0/25	2.0E-03	0.0E+00	1.0E-03	1.1E-03	1.2E-03	3.7E-04	1.3E-03	1.3E-03	1.2E-03
AOI 36	Groundwater	Lead	5/27	1.1E-01	1.1E-01	5.5E-04	1.7E-03	7.4E-03	2.1E-02	1.4E-02	1.2E-02	7.4E-03
AOI 36	Groundwater	Manganese	2/2	1.2E-01	1.2E-01	1.1E-01	1.1E-01	1.2E-01	8.5E-03	1.5E-01	1.4E-01	1.2E-01
AOI 36	Groundwater	Mercury	5/23	2.5E-03	6.2E-05	8.5E-06	2.9E-05	2.6E-04	7.1E-04	5.1E-04	5.2E-04	6.2E-05
AOI 36	Groundwater	Naphthalene	0/25	2.0E-03	0.0E+00	1.5E-04	1.0E-03	1.1E-03	4.2E-04	1.3E-03	1.4E-03	1.1E-03
AOI 36	Groundwater	n-Nitrosodipropylamine	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Pentachlorophenol (PCP)	0/25	1.5E-03	0.0E+00	5.0E-04	9.0E-04	9.6E-04	3.2E-04	1.1E-03	1.1E-03	9.6E-04
AOI 36	Groundwater	Phenanthrene	0/25	1.5E-03	0.0E+00	5.0E-05	8.0E-04	9.2E-04	3.7E-04	1.0E-03	1.4E-03	9.2E-04
AOI 36	Groundwater	Pyrene	4/25	2.0E-03	1.0E-04	8.0E-05	7.6E-04	1.0E-03	5.5E-04	1.2E-03	2.0E-03	1.0E-04
AOI 36	Groundwater	Selenium	12/27	2.1E-02	6.0E-03	9.0E-04	5.1E-03	7.7E-03	6.9E-03	9.9E-03	1.3E-02	6.0E-03
AOI 36	Groundwater	Silver	8/27	5.0E-03	3.0E-03	7.0E-04	1.8E-03	2.3E-03	1.6E-03	2.8E-03	3.1E-03	3.0E-03
AOI 36	Groundwater	Tetrachloroethene	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	Toluene	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	Trichloroethene	0/27	2.5E-03	0.0E+00	5.0E-04	8.1E-04	1.1E-03	9.3E-04	1.4E-03	1.5E-03	1.1E-03
AOI 36	Groundwater	Vinyl Chloride	2/27	1.1E-02	1.1E-02	5.0E-04	1.5E-03	2.5E-03	2.6E-03	3.3E-03	3.8E-03	3.8E-03
AOI 36	Groundwater	Xylenes (Total)	0/27	5.0E-03	0.0E+00	5.0E-04	1.6E-03	2.1E-03	1.7E-03	2.7E-03	3.1E-03	2.1E-03
AOI 37	Groundwater	1,1,1-Trichloroethane	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	1,1,2-Trichloroethane	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	1,1-Dichloroethane	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	1,2,3-Trichloropropane	0/3	2.5E-02	0.0E+00	5.0E-03	8.5E-03	1.2E-02	1.2E-02	3.1E-02	2.9E+01	1.2E-02
AOI 37	Groundwater	1,2-Dichloroethane	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	1,2-Dichloroethene	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	1,4-Dichlorobenzene	0/11	1.0E-02	0.0E+00	1.0E-03	4.0E-03	4.7E-03	2.4E-03	6.0E-03	8.8E-03	4.7E-03
AOI 37	Groundwater	2,6-Dinitrotoluene	0/11	1.0E-02	0.0E+00	5.0E-04	3.5E-03	4.6E-03	2.5E-03	6.0E-03	1.4E-02	4.6E-03
AOI 37	Groundwater	2-Methylnaphthalene	5/15	1.7E-01	1.7E-01	7.5E-04	4.4E-03	2.5E-02	4.9E-02	4.8E-02	2.9E-01	1.7E-01
AOI 37	Groundwater	4,6-Dinitro-o-cresol	0/11	2.5E-02	0.0E+00	5.0E-03	1.1E-02	1.2E-02	5.2E-03	1.5E-02	1.7E-02	1.2E-02
AOI 37	Groundwater	4-Methylphenol (p-Cresol)	1/11	1.0E-02	9.0E-03	1.0E-03	4.2E-03	5.1E-03	2.7E-03	6.6E-03	1.0E-02	9.0E-03
AOI 37	Groundwater	Acenaphthene	16/25	3.4E-02	3.4E-02	1.0E-04	2.5E-03	6.3E-03	8.7E-03	9.3E-03	1.9E-02	1.9E-02

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 25 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 37	Groundwater	Acetone	0/2	2.5E-02	0.0E+00	5.0E-03	1.1E-02	1.5E-02	1.4E-02	7.8E-02	2.5E+06	1.5E-02
AOI 37	Groundwater	Benzene	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	Benzo[a]anthracene	0/25	1.0E-02	0.0E+00	1.0E-03	1.8E-03	2.6E-03	2.4E-03	3.5E-03	3.8E-03	2.6E-03
AOI 37	Groundwater	Benzo[a]pyrene	0/25	1.0E-02	0.0E+00	5.0E-04	1.6E-03	2.5E-03	2.5E-03	3.4E-03	4.1E-03	2.5E-03
AOI 37	Groundwater	Benzo[b]fluoranthene	1/25	1.0E-02	2.0E-04	2.0E-04	1.7E-03	2.6E-03	0.0E+00	2.6E-03	4.2E-03	2.0E-04
AOI 37	Groundwater	Benzo[k]fluoranthene	1/25	1.0E-02	2.0E-04	2.0E-04	1.7E-03	2.6E-03	0.0E+00	2.6E-03	4.2E-03	2.0E-04
AOI 37	Groundwater	bis(2-Chloroethyl)ether	0/11	1.0E-02	0.0E+00	1.0E-03	4.0E-03	4.7E-03	2.4E-03	6.0E-03	8.8E-03	4.7E-03
AOI 37	Groundwater	bis(2-Ethylhexyl)phthalate	5/11	1.3E-02	1.3E-02	2.0E-04	3.6E-03	5.4E-03	4.0E-03	7.6E-03	2.7E-02	1.3E-02
AOI 37	Groundwater	Carbazole	1/11	1.0E-02	1.0E-03	1.0E-03	4.4E-03	4.9E-03	0.0E+00	4.9E-03	7.7E-03	1.0E-03
AOI 37	Groundwater	Chlorodibromomethane	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	Chloroethane (Ethyl chloride)	0/3	1.3E-02	0.0E+00	5.0E-03	6.8E-03	7.5E-03	4.3E-03	1.5E-02	8.9E-02	7.5E-03
AOI 37	Groundwater	Chloromethane (Methyl chloride)	0/3	1.3E-02	0.0E+00	5.0E-03	6.8E-03	7.5E-03	4.3E-03	1.5E-02	8.9E-02	7.5E-03
AOI 37	Groundwater	Chrysene	1/25	1.0E-02	4.0E-04	4.0E-04	1.6E-03	2.5E-03	0.0E+00	2.5E-03	4.2E-03	4.0E-04
AOI 37	Groundwater	Dibenz[a,h]anthracene	0/25	1.0E-02	0.0E+00	7.5E-04	1.8E-03	2.6E-03	2.4E-03	3.5E-03	3.9E-03	2.6E-03
AOI 37	Groundwater	Dibenzofuran	3/9	2.9E-02	2.9E-02	5.0E-03	8.7E-03	1.1E-02	9.2E-03	1.7E-02	2.2E-02	2.2E-02
AOI 37	Groundwater	Dichloromethane	2/3	1.3E-02	1.3E-03	1.2E-03	2.7E-03	5.0E-03	6.5E-03	1.6E-02	3.1E+04	1.3E-03
AOI 37	Groundwater	Ethylbenzene	1/3	6.5E-03	6.5E-03	2.5E-03	3.4E-03	3.8E-03	2.3E-03	7.7E-03	8.4E-02	6.5E-03
AOI 37	Groundwater	Fluoranthene	5/25	1.0E-02	3.4E-03	1.0E-04	1.5E-03	2.3E-03	2.3E-03	3.1E-03	4.2E-03	3.4E-03
AOI 37	Groundwater	Fluorene	13/25	6.9E-02	6.9E-02	2.0E-04	3.1E-03	1.0E-02	1.8E-02	1.6E-02	3.6E-02	3.6E-02
AOI 37	Groundwater	Indeno[1,2,3-c,d]pyrene	0/25	1.0E-02	0.0E+00	1.0E-03	1.8E-03	2.6E-03	2.4E-03	3.5E-03	3.8E-03	2.6E-03
AOI 37	Groundwater	Naphthalene	4/25	1.0E-02	5.0E-03	5.0E-04	1.8E-03	2.8E-03	2.5E-03	3.6E-03	4.3E-03	4.3E-03
AOI 37	Groundwater	n-Nitrosodipropylamine	0/11	1.0E-02	0.0E+00	1.0E-03	4.0E-03	4.7E-03	2.4E-03	6.0E-03	8.8E-03	4.7E-03
AOI 37	Groundwater	Pentachlorophenol (PCP)	0/11	2.5E-02	0.0E+00	1.0E-03	8.4E-03	1.2E-02	6.4E-03	1.5E-02	4.0E-02	1.2E-02
AOI 37	Groundwater	Phenanthrene	15/25	1.1E-01	1.1E-01	2.0E-04	2.4E-03	1.6E-02	3.1E-02	2.6E-02	8.0E-02	8.0E-02
AOI 37	Groundwater	Pyrene	9/25	9.0E-03	9.0E-03	2.0E-04	1.3E-03	2.2E-03	2.5E-03	3.1E-03	3.7E-03	3.7E-03
AOI 37	Groundwater	Tetrachloroethene	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	Toluene	2/3	1.3E-02	3.9E-03	1.2E-03	3.9E-03	5.9E-03	5.9E-03	1.6E-02	5.8E+03	3.9E-03
AOI 37	Groundwater	Trichloroethene	0/3	1.3E-02	0.0E+00	2.5E-03	4.3E-03	5.8E-03	5.8E-03	1.6E-02	1.5E+01	5.8E-03
AOI 37	Groundwater	Vinyl Chloride	0/3	1.3E-02	0.0E+00	5.0E-03	6.8E-03	7.5E-03	4.3E-03	1.5E-02	8.9E-02	7.5E-03
AOI 37	Groundwater	Xylenes (Total)	1/3	2.6E-02	2.6E-02	2.5E-03	9.3E-03	1.4E-02	1.2E-02	3.4E-02	1.9E+04	2.6E-02
AOI 38	Groundwater	1,1,1-Trichloroethane	8/54	4.1E+00	4.1E+00	5.0E-04	2.2E-03	1.6E-01	6.9E-01	3.2E-01	4.7E-02	3.2E-01
AOI 38	Groundwater	1,1,2-Trichloroethane	2/53	1.3E-02	4.0E-03	5.0E-04	1.4E-03	2.2E-03	2.5E-03	2.8E-03	3.1E-03	3.1E-03
AOI 38	Groundwater	1,1-Dichloroethane	29/54	1.2E+00	1.2E+00	5.0E-04	3.8E-03	7.2E-02	2.5E-01	1.3E-01	8.2E-02	1.3E-01
AOI 38	Groundwater	1,2,3-Trichloropropane	0/54	2.5E-02	0.0E+00	5.0E-04	1.8E-03	3.7E-03	5.1E-03	4.9E-03	6.0E-03	3.7E-03
AOI 38	Groundwater	1,2-Dichloroethane	1/54	1.3E-02	1.0E-03	5.0E-04	1.3E-03	2.1E-03	2.4E-03	2.7E-03	2.9E-03	1.0E-03

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 26 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 38	Groundwater	1,2-Dichloroethene	14/54	5.3E+00	5.3E+00	5.0E-04	3.4E-03	2.2E-01	9.4E-01	4.4E-01	6.0E-02	4.4E-01
AOI 38	Groundwater	1,4-Dichlorobenzene	3/45	1.0E-01	1.4E-02	2.0E-04	2.2E-03	8.4E-03	2.2E-02	1.4E-02	1.0E-02	1.4E-02
AOI 38	Groundwater	2,6-Dinitrotoluene	0/45	1.0E-01	0.0E+00	5.0E-04	1.5E-03	8.9E-03	2.3E-02	1.5E-02	1.3E-02	8.9E-03
AOI 38	Groundwater	2-Methylnaphthalene	26/45	2.5E+00	2.5E+00	7.0E-05	4.6E-03	1.7E-01	5.0E-01	3.0E-01	6.5E-01	6.5E-01
AOI 38	Groundwater	4,6-Dinitro-o-cresol	0/45	2.5E-01	0.0E+00	5.0E-03	9.2E-03	2.5E-02	5.6E-02	3.8E-02	2.4E-02	2.5E-02
AOI 38	Groundwater	4-Methylphenol (p-Cresol)	0/45	1.0E-01	0.0E+00	5.0E-04	2.1E-03	9.1E-03	2.2E-02	1.5E-02	1.1E-02	9.1E-03
AOI 38	Groundwater	Acenaphthene	27/49	1.6E-01	1.6E-01	2.0E-04	2.2E-03	8.6E-03	2.5E-02	1.5E-02	1.0E-02	1.5E-02
AOI 38	Groundwater	Acetone	9/42	2.5E-02	2.4E-02	1.0E-03	2.6E-03	4.6E-03	5.8E-03	6.1E-03	6.6E-03	6.6E-03
AOI 38	Groundwater	Aroclor-1260	0/15	5.0E-02	0.0E+00	5.0E-02	5.0E-02	5.0E-02	7.0E-10	5.0E-02	5.0E-02	5.0E-02
AOI 38	Groundwater	Arsenic	23/49	1.3E-01	1.3E-01	8.0E-04	4.1E-03	9.1E-03	2.0E-02	1.4E-02	1.2E-02	1.4E-02
AOI 38	Groundwater	Barium	49/49	2.3E+00	2.3E+00	1.1E-01	3.1E-01	4.4E-01	4.5E-01	5.5E-01	5.4E-01	5.5E-01
AOI 38	Groundwater	Benzene	25/54	7.4E-02	7.4E-02	5.0E-04	2.3E-03	6.8E-03	1.4E-02	1.0E-02	9.1E-03	1.0E-02
AOI 38	Groundwater	Benzo[a]anthracene	1/49	1.0E-01	1.2E-02	1.0E-03	2.2E-03	8.6E-03	2.2E-02	1.4E-02	8.8E-03	1.2E-02
AOI 38	Groundwater	Benzo[a]pyrene	2/49	1.0E-01	6.2E-03	5.0E-04	1.9E-03	8.4E-03	2.2E-02	1.4E-02	9.4E-03	6.2E-03
AOI 38	Groundwater	Benzo[b]fluoranthene	2/49	1.0E-01	1.0E-02	1.0E-03	2.2E-03	8.5E-03	2.2E-02	1.4E-02	8.7E-03	1.0E-02
AOI 38	Groundwater	Benzo[k]fluoranthene	2/49	1.0E-01	4.8E-03	2.0E-04	2.1E-03	8.4E-03	2.2E-02	1.4E-02	8.6E-03	4.8E-03
AOI 38	Groundwater	bis(2-Chloroethyl)ether	0/45	1.0E-01	0.0E+00	5.0E-04	2.1E-03	9.1E-03	2.2E-02	1.5E-02	1.1E-02	9.1E-03
AOI 38	Groundwater	bis(2-Ethylhexyl)phthalate	15/45	6.5E-02	6.5E-02	1.0E-04	1.5E-03	8.7E-03	1.6E-02	1.3E-02	3.8E-02	3.8E-02
AOI 38	Groundwater	Cadmium	9/49	8.1E-03	8.1E-03	7.5E-05	2.7E-04	8.2E-04	1.5E-03	1.2E-03	1.3E-03	1.3E-03
AOI 38	Groundwater	Carbazole	11/45	1.0E-01	5.1E-02	5.0E-05	3.7E-03	8.4E-03	1.7E-02	1.3E-02	1.2E-02	1.3E-02
AOI 38	Groundwater	Chlorodibromomethane	0/54	1.3E-02	0.0E+00	5.0E-04	1.3E-03	2.1E-03	2.4E-03	2.7E-03	2.9E-03	2.1E-03
AOI 38	Groundwater	Chloroethane (Ethyl chloride)	24/54	1.9E-01	1.9E-01	5.0E-04	5.0E-03	1.9E-02	4.1E-02	2.8E-02	3.1E-02	3.1E-02
AOI 38	Groundwater	Chloromethane (Methyl chloride)	0/54	1.3E-02	0.0E+00	5.0E-04	2.2E-03	3.4E-03	2.8E-03	4.0E-03	5.1E-03	3.4E-03
AOI 38	Groundwater	Chromium	23/49	1.6E-01	1.6E-01	1.5E-04	1.8E-03	1.0E-02	2.8E-02	1.7E-02	1.8E-02	1.8E-02
AOI 38	Groundwater	Chrysene	3/49	1.0E-01	1.4E-02	5.0E-04	1.9E-03	8.4E-03	2.2E-02	1.4E-02	9.1E-03	1.4E-02
AOI 38	Groundwater	cis-1,2-Dichloroethene	8/32	5.2E+00	5.2E+00	5.0E-04	1.8E-03	3.7E-01	1.2E+00	7.2E-01	4.4E-01	7.2E-01
AOI 38	Groundwater	Dibenz[a,h]anthracene	1/49	1.0E-01	3.0E-04	3.0E-04	2.1E-03	8.5E-03	0.0E+00	8.5E-03	8.9E-03	3.0E-04
AOI 38	Groundwater	Dibenzofuran	6/16	1.3E-01	1.3E-01	1.4E-03	1.0E-02	2.4E-02	3.6E-02	4.0E-02	6.7E-02	6.7E-02
AOI 38	Groundwater	Dichloromethane	13/54	1.0E-02	5.9E-03	5.0E-04	1.2E-03	1.9E-03	2.1E-03	2.3E-03	2.4E-03	2.4E-03
AOI 38	Groundwater	Ethylbenzene	12/53	7.0E-01	7.0E-01	5.0E-04	2.0E-03	1.9E-02	9.7E-02	4.1E-02	1.1E-02	4.1E-02
AOI 38	Groundwater	Fluoranthene	8/49	1.0E-01	3.1E-02	7.0E-05	1.7E-03	8.7E-03	2.2E-02	1.4E-02	1.4E-02	1.4E-02
AOI 38	Groundwater	Fluorene	26/49	1.7E-01	1.7E-01	2.0E-04	2.0E-03	1.1E-02	3.0E-02	1.8E-02	1.2E-02	1.8E-02
AOI 38	Groundwater	Indeno[1,2,3-c,d]pyrene	1/49	1.0E-01	2.0E-03	1.0E-03	2.2E-03	8.6E-03	2.2E-02	1.4E-02	8.7E-03	2.0E-03
AOI 38	Groundwater	Lead	19/49	3.5E-01	3.5E-01	5.5E-04	2.7E-03	2.9E-02	7.8E-02	4.8E-02	5.6E-02	2.9E-02
AOI 38	Groundwater	Manganese	7/7	1.1E+00	1.1E+00	7.7E-02	3.9E-01	6.5E-01	5.0E-01	1.0E+00	8.3E+00	1.1E+00

Groundwater.xls: EPCSTAT Output 11/18/2002

Page 27 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI 38	Groundwater	Mercury	7/48	2.5E-03	5.4E-05	8.5E-06	1.0E-04	8.2E-04	1.1E-03	1.1E-03	7.3E-03	5.4E-05
AOI 38	Groundwater	Naphthalene	20/49	6.5E-01	6.5E-01	6.0E-05	2.9E-03	4.1E-02	1.2E-01	7.0E-02	7.7E-02	7.7E-02
AOI 38	Groundwater	n-Nitrosodipropylamine	0/45	1.0E-01	0.0E+00	5.0E-04	2.1E-03	9.1E-03	2.2E-02	1.5E-02	1.1E-02	9.1E-03
AOI 38	Groundwater	Pentachlorophenol (PCP)	5/45	2.5E-01	3.0E-03	5.0E-04	3.4E-03	2.2E-02	5.6E-02	3.6E-02	3.8E-02	3.0E-03
AOI 38	Groundwater	Phenanthrene	23/49	5.5E-01	5.5E-01	1.0E-04	1.9E-03	2.5E-02	9.3E-02	4.8E-02	2.5E-02	4.8E-02
AOI 38	Groundwater	Pyrene	12/49	5.0E-02	4.0E-02	6.0E-05	1.5E-03	5.4E-03	1.1E-02	8.1E-03	1.0E-02	1.0E-02
AOI 38	Groundwater	Selenium	15/49	3.7E-02	3.7E-02	9.0E-04	3.7E-03	6.5E-03	8.0E-03	8.4E-03	8.6E-03	8.6E-03
AOI 38	Groundwater	Silver	15/49	1.5E-02	1.5E-02	1.6E-04	2.0E-03	3.3E-03	2.8E-03	4.0E-03	6.8E-03	6.8E-03
AOI 38	Groundwater	Tetrachloroethene	3/54	1.3E-02	7.0E-03	5.0E-04	1.5E-03	2.4E-03	2.6E-03	3.0E-03	3.4E-03	3.4E-03
AOI 38	Groundwater	Toluene	10/54	1.7E-01	1.7E-01	5.0E-04	1.6E-03	7.4E-03	2.8E-02	1.4E-02	5.8E-03	1.4E-02
AOI 38	Groundwater	Trichloroethene	7/54	4.3E-01	4.3E-01	5.0E-04	1.9E-03	1.9E-02	7.7E-02	3.6E-02	1.1E-02	3.6E-02
AOI 38	Groundwater	Vinyl Chloride	18/63	8.2E-01	8.2E-01	5.0E-04	2.9E-03	3.8E-02	1.5E-01	6.9E-02	2.2E-02	6.9E-02
AOI 38	Groundwater	Xylenes (Total)	16/54	6.1E-01	6.1E-01	5.0E-04	3.5E-03	3.0E-02	1.1E-01	5.6E-02	2.7E-02	5.6E-02
AOI SPRR3	Groundwater	1,1,1-Trichloroethane	1/4	7.8E-02	7.8E-02	2.5E-03	1.3E-02	2.6E-02	3.5E-02	6.7E-02	1.1E+01	7.8E-02
AOI SPRR3	Groundwater	1,1,2-Trichloroethane	0/4	1.3E-02	0.0E+00	5.0E-04	3.7E-03	7.0E-03	6.4E-03	1.5E-02	6.9E+00	7.0E-03
AOI SPRR3	Groundwater	1,1-Dichloroethane	3/4	2.9E-01	2.9E-01	4.1E-03	2.9E-02	8.8E-02	1.4E-01	2.5E-01	9.4E+02	2.9E-01
AOI SPRR3	Groundwater	1,2,3-Trichloropropane	0/4	2.5E-02	0.0E+00	5.0E-04	6.3E-03	1.4E-02	1.3E-02	2.9E-02	2.3E+02	1.4E-02
AOI SPRR3	Groundwater	1,2-Dichloroethane	0/4	1.3E-02	0.0E+00	5.0E-04	3.7E-03	7.0E-03	6.4E-03	1.5E-02	6.9E+00	7.0E-03
AOI SPRR3	Groundwater	1,2-Dichloroethene	1/4	2.7E-01	2.7E-01	2.5E-03	1.8E-02	7.4E-02	1.3E-01	2.3E-01	5.0E+03	2.7E-01
AOI SPRR3	Groundwater	Acetone	0/4	2.5E-02	0.0E+00	1.0E-03	7.5E-03	1.4E-02	1.3E-02	2.9E-02	1.4E+01	1.4E-02
AOI SPRR3	Groundwater	Benzene	7/7	5.2E-02	5.2E-02	7.0E-03	2.4E-02	2.9E-02	1.7E-02	4.2E-02	7.3E-02	5.2E-02
AOI SPRR3	Groundwater	Chlorodibromomethane	0/4	1.3E-02	0.0E+00	5.0E-04	3.7E-03	7.0E-03	6.4E-03	1.5E-02	6.9E+00	7.0E-03
AOI SPRR3	Groundwater	Chloroethane (Ethyl chloride)	3/4	2.3E-01	2.3E-01	1.3E-02	6.0E-02	1.2E-01	1.2E-01	2.6E-01	1.1E+02	2.3E-01
AOI SPRR3	Groundwater	Chloromethane (Methyl chloride)	0/4	1.3E-02	0.0E+00	1.0E-03	5.3E-03	7.8E-03	5.7E-03	1.4E-02	6.7E-01	7.8E-03
AOI SPRR3	Groundwater	cis-1,2-Dichloroethene	1/1	2.7E-01	2.7E-01	2.7E-01	2.7E-01	2.7E-01	0.0E+00	#VALUE!	#DIV/0!	2.7E-01
AOI SPRR3	Groundwater	Dichloromethane	3/4	9.6E-03	9.6E-03	5.0E-04	2.4E-03	4.1E-03	4.2E-03	9.0E-03	5.7E-01	9.6E-03
AOI SPRR3	Groundwater	Ethylbenzene	7/7	1.5E-01	1.5E-01	3.9E-03	2.2E-02	4.5E-02	5.2E-02	8.3E-02	1.1E+00	1.5E-01
AOI SPRR3	Groundwater	Naphthalene	3/3	3.6E-01	3.6E-01	1.2E-01	2.0E-01	2.2E-01	1.2E-01	4.3E-01	5.0E+00	3.6E-01
AOI SPRR3	Groundwater	Tetrachloroethene	0/4	1.3E-02	0.0E+00	5.0E-04	3.7E-03	7.0E-03	6.4E-03	1.5E-02	6.9E+00	7.0E-03
AOI SPRR3	Groundwater	Toluene	4/7	1.2E-01	1.2E-01	7.0E-04	4.3E-03	2.0E-02	4.4E-02	5.3E-02	1.4E+00	1.2E-01
AOI SPRR3	Groundwater	Trichloroethene	1/4	1.3E-02	1.0E-03	1.0E-03	4.4E-03	7.1E-03	0.0E+00	7.1E-03	7.4E-01	1.0E-03
AOI SPRR3	Groundwater	Vinyl Chloride	3/4	3.3E-01	3.3E-01	1.1E-03	1.3E-02	8.8E-02	1.6E-01	2.8E-01	2.0E+06	3.3E-01
AOI SPRR3	Groundwater	Xylenes (Total)	7/7	9.3E-01	9.3E-01	7.0E-03	6.4E-02	2.0E-01	3.3E-01	4.4E-01	1.3E+01	9.3E-01
AOI SPRR5	Groundwater	1,1,1-Trichloroethane	3/18	1.3E-01	4.0E-03	5.0E-04	2.2E-03	1.6E-02	4.0E-02	3.2E-02	4.7E-02	4.0E-03
AOI SPRR5	Groundwater	1,1,2-Trichloroethane	0/18	1.3E-01	0.0E+00	5.0E-04	1.9E-03	1.6E-02	4.0E-02	3.2E-02	4.6E-02	1.6E-02

Groundwater.xls: EPCSTAT Output

11/18/2002

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Non-detects were evaluated at 1/2 the detection limit.

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI SPRR5	Groundwater	1,1-Dichloroethane	9/18	1.3E-01	1.2E-01	5.0E-04	3.0E-03	2.2E-02	4.7E-02	4.1E-02	8.6E-02	8.6E-02
AOI SPRR5	Groundwater	1,2,3-Trichloropropane	0/18	2.5E-01	0.0E+00	5.0E-04	2.3E-03	3.0E-02	8.0E-02	6.3E-02	1.5E-01	3.0E-02
AOI SPRR5	Groundwater	1,2-Dichloroethane	0/18	1.3E-01	0.0E+00	5.0E-04	1.9E-03	1.6E-02	4.0E-02	3.2E-02	4.6E-02	1.6E-02
AOI SPRR5	Groundwater	1,2-Dichloroethene	7/18	1.3E-01	6.1E-02	1.0E-03	3.4E-03	1.9E-02	4.1E-02	3.6E-02	6.1E-02	6.1E-02
AOI SPRR5	Groundwater	1,4-Dichlorobenzene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	2,6-Dinitrotoluene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	2-Methylnaphthalene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	4,6-Dinitro-o-cresol	0/1	5.0E-03	0.0E+00	5.0E-03	5.0E-03	5.0E-03	#DIV/0!	#VALUE!	#DIV/0!	5.0E-03
AOI SPRR5	Groundwater	4-Methylphenol (p-Cresol)	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Acenaphthene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Acetone	2/15	2.5E-01	6.0E-03	1.0E-03	3.5E-03	3.6E-02	8.7E-02	7.6E-02	2.7E-01	6.0E-03
AOI SPRR5	Groundwater	Arsenic	1/1	3.0E-03	3.0E-03	3.0E-03	3.0E-03	3.0E-03	0.0E+00	#VALUE!	#DIV/0!	3.0E-03
AOI SPRR5	Groundwater	Barium	1/1	1.5E-01	1.5E-01	1.5E-01	1.5E-01	1.5E-01	0.0E+00	#VALUE!	#DIV/0!	1.5E-01
AOI SPRR5	Groundwater	Benzene	5/18	1.3E+00	1.3E+00	5.0E-04	3.1E-03	8.9E-02	3.1E-01	2.1E-01	6.0E-01	6.0E-01
AOI SPRR5	Groundwater	Benzo[a]anthracene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Benzo[a]pyrene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Benzo[b]fluoranthene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Benzo[k]fluoranthene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	bis(2-Chloroethyl)ether	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	bis(2-Ethylhexyl)phthalate	0/1	2.0E-04	0.0E+00	2.0E-04	2.0E-04	2.0E-04	#DIV/0!	#VALUE!	#DIV/0!	2.0E-04
AOI SPRR5	Groundwater	Cadmium	1/1	7.7E-04	7.7E-04	7.7E-04	7.7E-04	7.7E-04	0.0E+00	#VALUE!	#DIV/0!	7.7E-04
AOI SPRR5	Groundwater	Carbazole	0/1	3.0E-03	0.0E+00	3.0E-03	3.0E-03	3.0E-03	#DIV/0!	#VALUE!	#DIV/0!	3.0E-03
AOI SPRR5	Groundwater	Chlorodibromomethane	0/18	1.3E-01	0.0E+00	5.0E-04	1.9E-03	1.6E-02	4.0E-02	3.2E-02	4.6E-02	1.6E-02
AOI SPRR5	Groundwater	Chloroethane (Ethyl chloride)	0/17	1.3E-01	0.0E+00	5.0E-04	3.3E-03	1.7E-02	4.1E-02	3.5E-02	7.2E-02	1.7E-02
AOI SPRR5	Groundwater	Chloromethane (Methyl chloride)	0/18	1.3E-01	0.0E+00	5.0E-04	3.0E-03	1.7E-02	4.0E-02	3.3E-02	5.5E-02	1.7E-02
AOI SPRR5	Groundwater	Chromium	1/1	1.4E-03	1.4E-03	1.4E-03	1.4E-03	1.4E-03	0.0E+00	#VALUE!	#DIV/0!	1.4E-03
AOI SPRR5	Groundwater	Chrysene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	cis-1,2-Dichloroethene	5/12	4.0E-03	4.0E-03	5.0E-04	1.1E-03	1.5E-03	1.2E-03	2.2E-03	3.0E-03	3.0E-03
AOI SPRR5	Groundwater	Dibenz[a,h]anthracene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Dichloromethane	3/18	8.6E-02	8.6E-02	5.0E-04	1.6E-03	1.0E-02	2.6E-02	2.1E-02	3.0E-02	3.0E-02
AOI SPRR5	Groundwater	Ethylbenzene	3/18	1.3E+00	1.3E+00	5.0E-04	2.6E-03	1.2E-01	3.4E-01	2.6E-01	9.5E-01	9.5E-01
AOI SPRR5	Groundwater	Fluoranthene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Fluorene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Indeno[1,2,3-c,d]pyrene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Lead	1/1	9.7E-03	9.7E-03	9.7E-03	9.7E-03	9.7E-03	0.0E+00	#VALUE!	#DIV/0!	9.7E-03

Groundwater.xls: EPCSTAT Output

11/18/2002 Page 29 of 30

Human Health Risk Assessment for the Ogden Railyard Site, Utah

			Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/l)
AOI SPRR5	Groundwater	Mercury	0/1	8.5E-06	0.0E+00	8.5E-06	8.5E-06	8.5E-06	#DIV/0!	#VALUE!	#DIV/0!	8.5E-06
AOI SPRR5	Groundwater	Naphthalene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	n-Nitrosodipropylamine	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Pentachlorophenol (PCP)	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Phenanthrene	0/1	5.0E-04	0.0E+00	5.0E-04	5.0E-04	5.0E-04	#DIV/0!	#VALUE!	#DIV/0!	5.0E-04
AOI SPRR5	Groundwater	Pyrene	0/1	1.0E-03	0.0E+00	1.0E-03	1.0E-03	1.0E-03	#DIV/0!	#VALUE!	#DIV/0!	1.0E-03
AOI SPRR5	Groundwater	Selenium	1/1	5.0E-03	5.0E-03	5.0E-03	5.0E-03	5.0E-03	0.0E+00	#VALUE!	#DIV/0!	5.0E-03
AOI SPRR5	Groundwater	Silver	0/1	7.0E-04	0.0E+00	7.0E-04	7.0E-04	7.0E-04	#DIV/0!	#VALUE!	#DIV/0!	7.0E-04
AOI SPRR5	Groundwater	Tetrachloroethene	3/18	1.3E-01	2.0E-03	5.0E-04	2.1E-03	1.6E-02	4.0E-02	3.2E-02	4.4E-02	2.0E-03
AOI SPRR5	Groundwater	Toluene	3/18	2.8E+00	2.8E+00	5.0E-04	2.7E-03	2.9E-01	8.3E-01	6.2E-01	2.5E+00	2.5E+00
AOI SPRR5	Groundwater	Trichloroethene	0/18	1.3E-01	0.0E+00	5.0E-04	1.9E-03	1.6E-02	4.0E-02	3.2E-02	4.6E-02	1.6E-02
AOI SPRR5	Groundwater	Vinyl Chloride	6/18	1.3E-01	1.1E-01	5.0E-04	3.4E-03	2.2E-02	4.5E-02	4.1E-02	9.5E-02	9.5E-02
AOI SPRR5	Groundwater	Xylenes (Total)	3/18	7.9E+00	7.9E+00	5.0E-04	5.8E-03	6.6E-01	2.0E+00	1.5E+00	1.8E+01	7.9E+00

Appendix D.4 Summary of Exposure Point Concentrations for Fish Tissue COPCs

Human Health Risk Assessment for the Ogden Railyard Site, Utah

				R	Results							
Location	Medium	Chemical	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg ww)
21st Street Pond	Fish Tissue	4,4'-DDE	28/28	5.9E-01	5.9E-01	1.9E-03	5.5E-02	1.3E-01	1.7E-01	1.8E-01	3.5E-01	3.5E-01
21st Street Pond	Fish Tissue	Aroclor-1260	27/28	1.9E+00	1.9E+00	5.3E-03	1.0E-01	2.9E-01	4.4E-01	4.3E-01	8.0E-01	8.0E-01
21st Street Pond	Fish Tissue	bis(2-Ethylhexyl)phthalate	21/28	2.7E+00	2.7E+00	4.1E-01	1.1E+00	1.2E+00	6.3E-01	1.4E+00	1.5E+00	1.5E+00



Appendix D.5 Summary of Exposure Point Concentrations for Off-Yard Surface Soil COPCs

Human Health Risk Assessment for the Ogden Railyard Site, Utah

				Results								
Location	Medium	Chemical	Detect	Max	Max	Min				U	C L95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
21st Street Pond	Soil OffYard	Arsenic	9/11	1.3E+01	1.3E+01	2.5E+00	4.7E+00	5.7E+00	3.9E+00	7.9E+00	9.2E+00	9.2E+00
21st Street Pond	Soil OffYard	Benzo[a]pyrene	3/11	1.6E+00	1.6E+00	4.4E-02	2.5E-01	3.9E-01	4.7E-01	6.4E-01	9.3E-01	9.3E-01
Weber River - Reach A	Soil OffYard	Arsenic	2/2	2.2E+01	2.2E+01	3.5E+00	8.8E+00	1.3E+01	1.3E+01	7.1E+01	3.4E+10	2.2E+01
Weber River - Reach A	Soil OffYard	Benzo[a]pyrene	0/11	1.0E+00	0.0E+00	1.8E-01	2.2E-01	2.7E-01	2.4E-01	4.0E-01	3.5E-01	2.7E-01
Weber River - Reach B	Soil OffYard	Arsenic	13/19	6.3E+00	6.3E+00	2.1E+00	3.1E+00	3.3E+00	1.2E+00	3.7E+00	3.7E+00	3.7E+00
Weber River - Reach B	Soil OffYard	Benzo[a]pyrene	1/23	1.2E+00	4.4E-01	1.7E-01	2.9E-01	4.0E-01	3.6E-01	5.3E-01	5.5E-01	4.4E-01
Weber River - Reach C	Soil OffYard	Arsenic	12/14	2.4E+01	2.4E+01	1.6E+00	3.6E+00	4.7E+00	5.6E+00	7.4E+00	6.4E+00	7.4E+00
Weber River - Reach C	Soil OffYard	Benzo[a]pyrene	1/14	9.0E-01	4.0E-02	4.0E-02	1.9E-01	2.3E-01	0.0E+00	2.3E-01	3.3E-01	4.0E-02
Weber River - Reach D	Soil OffYard	Arsenic	12/14	7.0E+00	7.0E+00	1.8E+00	3.1E+00	3.3E+00	1.4E+00	4.0E+00	4.2E+00	4.2E+00
Weber River - Reach D	Soil OffYard	Benzo[a]pyrene	2/14	1.1E+00	1.4E-01	3.6E-02	2.1E-01	2.9E-01	3.0E-01	4.3E-01	4.9E-01	1.4E-01



Human Health Risk Assessment for the Ogden Railyard Site, Utah

Results												
Location	Medium	Chemical	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
21st Street Pond	Soil OnYard	Aluminum	8/8	9.6E+03	9.6E+03	6.2E+03	7.3E+03	7.4E+03	1.3E+03	8.2E+03	8.4E+03	8.4E+03
21st Street Pond	Soil OnYard	Antimony	0/8	3.8E+00	0.0E+00	1.8E-01	3.9E-01	9.7E-01	1.5E+00	2.0E+00	8.5E+00	9.7E-01
21st Street Pond	Soil OnYard	Arsenic	9/11	1.3E+01	1.3E+01	2.5E+00	4.7E+00	5.7E+00	3.9E+00	7.9E+00	9.2E+00	9.2E+00
21st Street Pond	Soil OnYard	Benzo[a]anthracene	2/11	1.4E+00	1.4E+00	1.7E-01	2.7E-01	3.7E-01	4.1E-01	6.0E-01	6.2E-01	6.2E-01
21st Street Pond	Soil OnYard	Benzo[a]pyrene	3/11	1.6E+00	1.6E+00	4.4E-02	2.5E-01	3.9E-01	4.7E-01	6.4E-01	9.3E-01	9.3E-01
21st Street Pond	Soil OnYard	Benzo[b]fluoranthene	3/11	1.2E+00	1.2E+00	5.2E-02	2.5E-01	3.6E-01	3.7E-01	5.6E-01	7.7E-01	7.7E-01
21st Street Pond	Soil OnYard	Benzo[k]fluoranthene	2/11	1.6E+00	1.6E+00	1.7E-01	2.8E-01	4.0E-01	4.6E-01	6.5E-01	7.1E-01	7.1E-01
21st Street Pond	Soil OnYard	Chromium	11/11	2.0E+01	2.0E+01	5.2E+00	1.1E+01	1.2E+01	3.6E+00	1.4E+01	1.5E+01	1.5E+01
21st Street Pond	Soil OnYard	Chrysene	3/11	2.1E+00	2.1E+00	4.2E-02	2.6E-01	4.5E-01	6.0E-01	7.8E-01	1.1E+00	1.1E+00
21st Street Pond	Soil OnYard	Copper	8/8	9.4E+01	9.4E+01	1.2E+01	1.8E+01	2.4E+01	2.8E+01	4.3E+01	4.8E+01	4.8E+01
21st Street Pond	Soil OnYard	Dibenz[a,h]anthracene	1/11	9.5E-01	9.6E-02	9.6E-02	2.3E-01	3.1E-01	0.0E+00	3.1E-01	5.1E-01	9.6E-02
21st Street Pond	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/11	1.5E+00	1.5E+00	1.7E-01	2.8E-01	4.0E-01	4.4E-01	6.4E-01	7.1E-01	7.1E-01
21st Street Pond	Soil OnYard	Lead	11/11	2.2E+02	2.2E+02	4.7E+00	2.7E+01	6.8E+01	9.3E+01	1.2E+02	3.9E+02	6.8E+01
21st Street Pond	Soil OnYard	Manganese	8/8	3.6E+02	3.6E+02	1.8E+02	2.3E+02	2.4E+02	7.1E+01	2.9E+02	3.0E+02	3.0E+02
21st Street Pond	Soil OnYard	Mercury	9/11	1.4E-01	1.4E-01	1.5E-02	3.9E-02	5.3E-02	4.7E-02	7.9E-02	1.0E-01	1.0E-01
21st Street Pond	Soil OnYard	n-Nitrosodipropylamine	0/11	9.5E-01	0.0E+00	1.7E-01	2.4E-01	3.2E-01	3.0E-01	4.8E-01	5.0E-01	3.2E-01
21st Street Pond	Soil OnYard	Selenium	5/11	4.0E+00	1.0E+00	1.9E-01	5.6E-01	9.6E-01	1.2E+00	1.6E+00	2.5E+00	1.0E+00
Region 1	Soil OnYard	Aluminum	20/20	1.5E+05	1.5E+05	1.7E+03	7.4E+03	1.4E+04	3.3E+04	2.7E+04	1.6E+04	2.7E+04
Region 1	Soil OnYard	Antimony	5/19	4.4E+01	4.4E+01	1.6E+00	3.3E+00	7.0E+00	1.1E+01	1.1E+01	1.2E+01	1.2E+01
Region 1	Soil OnYard	Arsenic	60/64	8.0E+02	8.0E+02	2.0E+00	1.0E+01	2.8E+01	1.0E+02	4.9E+01	2.4E+01	4.9E+01
Region 1	Soil OnYard	Benzo[a]anthracene	44/62	3.6E+01	2.3E+00	3.7E-02	3.4E-01	1.8E+00	6.1E+00	3.1E+00	1.8E+00	2.3E+00
Region 1	Soil OnYard	Benzo[a]pyrene	44/62	3.6E+01	4.1E+00	3.7E-02	3.4E-01	1.8E+00	6.1E+00	3.1E+00	1.7E+00	3.1E+00
Region 1	Soil OnYard	Benzo[b]fluoranthene	49/63	3.6E+01	2.9E+00	2.2E-02	3.8E-01	1.8E+00	6.0E+00	3.1E+00	1.8E+00	2.9E+00
Region 1	Soil OnYard	Benzo[k]fluoranthene	40/62	3.6E+01	2.6E+00	3.4E-02	3.6E-01	1.8E+00	6.1E+00	3.1E+00	1.6E+00	2.6E+00
Region 1	Soil OnYard	Chromium	64/64	3.3E+02	3.3E+02	3.6E+00	1.9E+01	3.4E+01	5.4E+01	4.6E+01	4.0E+01	4.6E+01
Region 1	Soil OnYard	Chrysene	52/64	3.6E+01	3.3E+00	2.4E-02	4.4E-01	1.9E+00	6.0E+00	3.1E+00	1.9E+00	3.1E+00
Region 1	Soil OnYard	Copper	20/20	2.3E+04	2.3E+04	8.8E+00	1.6E+02	2.0E+03	5.6E+03	4.2E+03	9.3E+03	9.3E+03
Region 1	Soil OnYard	Dibenz[a,h]anthracene	14/61	3.6E+01	7.9E-01	4.0E-02	3.6E-01	1.9E+00	6.1E+00	3.2E+00	1.8E+00	7.9E-01
Region 1	Soil OnYard	Indeno[1,2,3-c,d]pyrene	40/62	3.6E+01	4.8E+00	5.0E-02	3.4E-01	1.8E+00	6.1E+00	3.1E+00	1.5E+00	3.1E+00
Region 1	Soil OnYard	Lead	64/64	3.0E+03	3.0E+03	6.7E+00	1.7E+02	3.8E+02	6.0E+02	5.1E+02	6.1E+02	3.8E+02
Region 1	Soil OnYard	Manganese	20/20	4.0E+03	4.0E+03	7.5E+01	3.0E+02	5.1E+02	8.6E+02	8.4E+02	7.5E+02	8.4E+02
Region 1	Soil OnYard	Mercury	52/62	1.6E+02	1.6E+02	1.0E-02	1.8E-01	1.1E+01	3.6E+01	1.8E+01	7.9E+00	1.8E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results							
Location	Medium	Chemical	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
Region 1	Soil OnYard	n-Nitrosodipropylamine	1/46	3.6E+01	1.3E+00	1.7E-01	3.6E-01	2.2E+00	7.0E+00	3.9E+00	1.8E+00	1.3E+00
Region 1	Soil OnYard	Selenium	22/62	4.5E+01	4.5E+01	4.8E-02	1.3E+00	3.7E+00	6.6E+00	5.1E+00	8.4E+00	8.4E+00
Region 2	Soil OnYard	Arsenic	41/48	4.5E+02	4.5E+02	1.9E+00	1.1E+01	3.0E+01	8.2E+01	5.0E+01	3.1E+01	5.0E+01
Region 2	Soil OnYard	Benzo[a]anthracene	32/43	1.4E+01	1.4E+01	4.4E-02	3.2E-01	8.5E-01	2.2E+00	1.4E+00	1.1E+00	1.4E+00
Region 2	Soil OnYard	Benzo[a]pyrene	35/43	2.0E+01	2.0E+01	3.4E-02	2.6E-01	9.6E-01	3.2E+00	1.8E+00	9.7E-01	1.8E+00
Region 2	Soil OnYard	Benzo[b]fluoranthene	38/43	1.7E+01	1.7E+01	4.3E-02	3.9E-01	1.1E+00	2.7E+00	1.8E+00	1.7E+00	1.8E+00
Region 2	Soil OnYard	Benzo[k]fluoranthene	30/43	1.5E+01	1.5E+01	5.9E-02	2.5E-01	7.3E-01	2.3E+00	1.3E+00	6.8E-01	1.3E+00
Region 2	Soil OnYard	Chromium	48/48	1.7E+03	1.7E+03	5.0E+00	4.7E+01	1.8E+02	3.6E+02	2.7E+02	3.3E+02	3.3E+02
Region 2	Soil OnYard	Chrysene	37/43	2.0E+01	2.0E+01	4.1E-02	4.5E-01	1.3E+00	3.2E+00	2.1E+00	1.8E+00	2.1E+00
Region 2	Soil OnYard	Dibenz[a,h]anthracene	26/43	4.2E+00	4.2E+00	3.4E-02	1.5E-01	3.3E-01	7.2E-01	5.1E-01	3.7E-01	5.1E-01
Region 2	Soil OnYard	Indeno[1,2,3-c,d]pyrene	32/43	1.8E+01	1.8E+01	4.3E-02	2.4E-01	8.1E-01	2.8E+00	1.5E+00	6.6E-01	1.5E+00
Region 2	Soil OnYard	Lead	48/48	2.2E+03	2.2E+03	1.9E+01	2.0E+02	3.5E+02	4.3E+02	4.5E+02	5.7E+02	3.5E+02
Region 2	Soil OnYard	Mercury	46/48	4.1E+00	4.1E+00	2.0E-02	1.7E-01	3.4E-01	6.1E-01	4.9E-01	4.8E-01	4.9E-01
Region 2	Soil OnYard	n-Nitrosodipropylamine	0/43	1.7E+00	0.0E+00	1.7E-01	2.2E-01	2.7E-01	2.6E-01	3.3E-01	2.9E-01	2.7E-01
Region 2	Soil OnYard	Selenium	20/48	7.7E+02	7.7E+02	4.5E-02	2.7E+00	2.8E+01	1.1E+02	5.6E+01	1.6E+02	1.6E+02
Region 3	Soil OnYard	Arsenic	10/15	1.7E+01	1.7E+01	2.5E+00	5.3E+00	6.6E+00	4.6E+00	8.7E+00	1.0E+01	1.0E+01
Region 3	Soil OnYard	Benzo[a]anthracene	9/18	3.0E+02	3.0E+02	3.7E-02	3.5E-01	1.8E+01	7.1E+01	4.7E+01	3.5E+01	4.7E+01
Region 3	Soil OnYard	Benzo[a]pyrene	6/18	2.0E+02	2.0E+02	4.9E-02	4.3E-01	1.3E+01	4.7E+01	3.2E+01	3.5E+01	3.5E+01
Region 3	Soil OnYard	Benzo[b]fluoranthene	9/18	2.6E+02	2.6E+02	3.4E-02	4.1E-01	1.6E+01	6.0E+01	4.0E+01	1.0E+02	1.0E+02
Region 3	Soil OnYard	Benzo[k]fluoranthene	5/18	1.9E+02	1.9E+02	3.7E-02	4.0E-01	1.2E+01	4.4E+01	3.0E+01	3.7E+01	3.7E+01
Region 3	Soil OnYard	Chromium	16/16	3.2E+01	3.2E+01	2.0E+00	9.0E+00	1.1E+01	6.8E+00	1.4E+01	1.5E+01	1.5E+01
Region 3	Soil OnYard	Chrysene	10/18	9.0E+02	9.0E+02	4.5E-02	4.2E-01	5.1E+01	2.1E+02	1.4E+02	1.4E+02	1.4E+02
Region 3	Soil OnYard	Dibenz[a,h]anthracene	0/18	3.7E+01	0.0E+00	1.7E-01	4.4E-01	3.6E+00	9.3E+00	7.4E+00	1.0E+01	3.6E+00
Region 3	Soil OnYard	Indeno[1,2,3-c,d]pyrene	5/18	3.7E+01	2.2E-01	6.3E-02	3.5E-01	3.5E+00	9.3E+00	7.3E+00	1.5E+01	2.2E-01
Region 3	Soil OnYard	Lead	16/16	3.0E+03	3.0E+03	5.0E+00	7.7E+01	3.0E+02	7.4E+02	6.2E+02	1.0E+03	3.0E+02
Region 3	Soil OnYard	Mercury	11/16	1.6E-01	1.6E-01	2.0E-02	5.2E-02	6.8E-02	4.5E-02	8.8E-02	1.2E-01	1.2E-01
Region 3	Soil OnYard	n-Nitrosodipropylamine	0/18	3.7E+01	0.0E+00	1.7E-01	4.4E-01	3.6E+00	9.3E+00	7.4E+00	1.0E+01	3.6E+00
Region 3	Soil OnYard	Selenium	4/16	1.0E+01	5.8E+00	1.1E-01	2.0E+00	2.8E+00	2.3E+00	3.8E+00	6.9E+00	5.8E+00
Region 4/5	Soil OnYard	Arsenic	8/9	5.5E+00	5.5E+00	2.5E+00	3.7E+00	3.9E+00	1.1E+00	4.5E+00	4.7E+00	4.7E+00
Region 4/5	Soil OnYard	Benzo[a]anthracene	2/11	1.7E-01	1.2E-01	2.3E-02	1.3E-01	1.5E-01	4.4E-02	1.7E-01	2.5E-01	1.2E-01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Logation	Modium	Chamical	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 1	Soil OnYard	Arsenic	3/4	2.4E+01	2.4E+01	2.5E+00	5.6E+00	8.6E+00	1.0E+01	2.0E+01	1.5E+02	2.4E+01
AOI 1	Soil OnYard	Benzo[a]anthracene	4/5	3.4E+00	7.0E-01	4.1E-02	2.8E-01	8.7E-01	1.4E+00	2.2E+00	1.5E+03	7.0E-01
AOI 1	Soil OnYard	Benzo[a]pyrene	4/5	3.4E+00	5.9E-01	4.4E-02	2.5E-01	8.4E-01	1.4E+00	2.2E+00	1.4E+03	5.9E-01
AOI 1	Soil OnYard	Benzo[b]fluoranthene	4/5	3.4E+00	7.7E-01	5.9E-02	3.6E-01	9.1E-01	1.4E+00	2.2E+00	2.9E+02	7.7E-01
AOI 1	Soil OnYard	Benzo[k]fluoranthene	2/5	3.4E+00	2.9E-01	6.1E-02	3.2E-01	8.4E-01	1.4E+00	2.2E+00	1.8E+02	2.9E-01
AOI 1	Soil OnYard	Chromium	4/4	1.5E+01	1.5E+01	3.6E+00	6.8E+00	7.8E+00	5.1E+00	1.4E+01	2.5E+01	1.5E+01
AOI 1	Soil OnYard	Chrysene	5/5	1.0E+00	1.0E+00	1.1E-01	3.2E-01	4.8E-01	4.3E-01	8.9E-01	6.9E+00	1.0E+00
AOI 1	Soil OnYard	Dibenz[a,h]anthracene	1/5	3.4E+00	4.0E-02	4.0E-02	3.0E-01	8.5E-01	0.0E+00	8.5E-01	3.3E+02	4.0E-02
AOI 1	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/5	3.4E+00	2.4E-01	5.7E-02	2.3E-01	7.8E-01	1.4E+00	2.2E+00	2.4E+02	2.4E-01
AOI 1	Soil OnYard	Lead	4/4	7.4E+02	7.4E+02	1.2E+01	5.4E+01	2.0E+02	3.6E+02	6.2E+02	1.5E+06	2.0E+02
AOI 1	Soil OnYard	Mercury	4/4	1.3E+00	1.3E+00	1.0E-02	1.2E-01	4.6E-01	6.0E-01	1.2E+00	6.2E+06	1.3E+00
AOI 1	Soil OnYard	n-Nitrosodipropylamine	0/5	3.4E+00	0.0E+00	1.7E-01	4.0E-01	8.7E-01	1.4E+00	2.2E+00	3.6E+01	8.7E-01
AOI 1	Soil OnYard	Selenium	3/4	2.5E+00	2.0E+00	2.1E-01	7.1E-01	1.2E+00	1.2E+00	2.6E+00	1.7E+02	2.0E+00
AOI 12	Soil OnYard	Arsenic	2/3	5.0E+00	5.0E+00	2.5E+00	3.7E+00	3.9E+00	1.3E+00	6.0E+00	1.5E+01	5.0E+00
AOI 12	Soil OnYard	Benzo[a]anthracene	1/5	1.7E-01	1.2E-01	1.2E-01	1.5E-01	1.6E-01	0.0E+00	1.6E-01	1.8E-01	1.2E-01
AOI 12	Soil OnYard	Benzo[a]pyrene	1/5	1.7E-01	8.2E-02	8.2E-02	1.4E-01	1.5E-01	0.0E+00	1.5E-01	2.2E-01	8.2E-02
AOI 12	Soil OnYard	Benzo[b]fluoranthene	1/5	2.2E-01	2.2E-01	1.7E-01	1.7E-01	1.8E-01	2.5E-02	2.0E-01	2.0E-01	2.0E-01
AOI 12	Soil OnYard	Benzo[k]fluoranthene	1/5	1.7E-01	5.2E-02	5.2E-02	1.3E-01	1.4E-01	0.0E+00	1.4E-01	3.2E-01	5.2E-02
AOI 12	Soil OnYard	Chromium	2/3	9.1E+00	9.1E+00	5.0E-01	3.3E+00	5.8E+00	4.6E+00	1.4E+01	3.6E+12	9.1E+00
AOI 12	Soil OnYard	Chrysene	1/5	3.3E-01	3.3E-01	1.7E-01	1.9E-01	2.0E-01	7.4E-02	2.7E-01	2.9E-01	2.9E-01
AOI 12	Soil OnYard	Dibenz[a,h]anthracene	0/5	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
AOI 12	Soil OnYard	Indeno[1,2,3-c,d]pyrene	1/5	1.7E-01	7.2E-02	7.2E-02	1.4E-01	1.5E-01	0.0E+00	1.5E-01	2.4E-01	7.2E-02
AOI 12	Soil OnYard	Lead	2/3	9.3E+01	9.3E+01	1.0E+00	1.7E+01	5.0E+01	4.6E+01	1.3E+02	3.5E+27	5.0E+01
AOI 12	Soil OnYard	Mercury	2/3	1.4E-01	1.4E-01	2.0E-02	6.8E-02	9.1E-02	6.4E-02	2.0E-01	2.2E+03	1.4E-01
AOI 12	Soil OnYard	n-Nitrosodipropylamine	0/5	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
AOI 12	Soil OnYard	Selenium	1/3	2.5E+00	3.2E-01	4.6E-02	3.3E-01	9.6E-01	1.3E+00	3.2E+00	2.4E+16	3.2E-01
AOI 13	Soil OnYard	Arsenic	0/2	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00
AOI 13	Soil OnYard	Chromium	3/3	1.5E+01	1.5E+01	5.5E+00	8.8E+00	9.6E+00	4.9E+00	1.8E+01	1.0E+02	1.5E+01
AOI 13	Soil OnYard	Lead	3/3	8.7E+01	8.7E+01	5.0E+00	1.9E+01	3.6E+01	4.5E+01	1.1E+02	2.4E+10	3.6E+01
AOI 13	Soil OnYard	Mercury	0/3	2.0E-02	0.0E+00	2.0E-02	2.0E-02	2.0E-02	3.3E-10	2.0E-02	2.0E-02	2.0E-02
AOI 13	Soil OnYard	Selenium	0/3	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00
AOI 17	Soil OnYard	Arsenic	4/4	1.1E+01	1.1E+01	5.9E+00	8.1E+00	8.3E+00	2.1E+00	1.1E+01	1.2E+01	1.1E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 17	Soil OnYard	Benzo[a]anthracene	3/3	3.0E-01	3.0E-01	5.0E-02	1.4E-01	1.7E-01	1.3E-01	3.8E-01	4.2E+02	3.0E-01
AOI 17	Soil OnYard	Benzo[a]pyrene	3/3	3.3E-01	3.3E-01	4.0E-02	1.4E-01	1.9E-01	1.5E-01	4.3E-01	6.7E+03	3.3E-01
AOI 17	Soil OnYard	Benzo[b]fluoranthene	3/3	3.1E-01	3.1E-01	4.0E-02	1.4E-01	2.0E-01	1.4E-01	4.3E-01	7.9E+03	3.1E-01
AOI 17	Soil OnYard	Benzo[k]fluoranthene	3/3	3.4E-01	3.4E-01	5.1E-02	1.5E-01	2.0E-01	1.4E-01	4.4E-01	2.0E+03	3.4E-01
AOI 17	Soil OnYard	Chromium	4/4	1.9E+01	1.9E+01	1.0E+01	1.4E+01	1.5E+01	4.0E+00	1.9E+01	2.2E+01	1.9E+01
AOI 17	Soil OnYard	Chrysene	3/3	4.2E-01	4.2E-01	7.5E-02	2.2E-01	2.7E-01	1.8E-01	5.7E-01	7.2E+02	4.2E-01
AOI 17	Soil OnYard	Dibenz[a,h]anthracene	2/3	1.7E-01	8.5E-02	4.9E-02	8.9E-02	1.0E-01	6.2E-02	2.1E-01	3.4E+00	8.5E-02
AOI 17	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/3	2.5E-01	2.5E-01	5.0E-02	1.4E-01	1.8E-01	1.1E-01	3.6E-01	4.0E+02	2.5E-01
AOI 17	Soil OnYard	Lead	4/4	2.5E+02	2.5E+02	1.2E+02	2.0E+02	2.0E+02	5.7E+01	2.7E+02	3.3E+02	2.0E+02
AOI 17	Soil OnYard	Mercury	4/4	9.5E-02	9.5E-02	5.4E-02	7.0E-02	7.2E-02	1.7E-02	9.2E-02	9.7E-02	9.5E-02
AOI 17	Soil OnYard	n-Nitrosodipropylamine	0/3	1.8E-01	0.0E+00	1.7E-01	1.7E-01	1.8E-01	5.0E-03	1.8E-01	1.9E-01	1.8E-01
AOI 17	Soil OnYard	Selenium	0/4	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00
AOI 18	Soil OnYard	Arsenic	3/3	8.6E+00	8.6E+00	4.5E+00	6.8E+00	7.1E+00	2.3E+00	1.1E+01	2.8E+01	8.6E+00
AOI 18	Soil OnYard	Benzo[a]anthracene	3/3	4.3E-01	4.3E-01	1.0E-01	1.9E-01	2.3E-01	1.8E-01	5.3E-01	3.1E+01	4.3E-01
AOI 18	Soil OnYard	Benzo[a]pyrene	3/3	4.9E-01	4.9E-01	1.1E-01	2.1E-01	2.6E-01	2.0E-01	6.0E-01	7.8E+01	4.9E-01
AOI 18	Soil OnYard	Benzo[b]fluoranthene	3/3	3.7E-01	3.7E-01	1.4E-01	2.3E-01	2.5E-01	1.2E-01	4.4E-01	2.4E+00	3.7E-01
AOI 18	Soil OnYard	Benzo[k]fluoranthene	3/3	4.1E-01	4.1E-01	1.2E-01	2.1E-01	2.4E-01	1.5E-01	4.9E-01	8.0E+00	4.1E-01
AOI 18	Soil OnYard	Chromium	3/3	1.3E+01	1.3E+01	5.4E+00	8.6E+00	9.2E+00	3.9E+00	1.6E+01	5.0E+01	1.3E+01
AOI 18	Soil OnYard	Chrysene	3/3	5.0E-01	5.0E-01	2.1E-01	3.3E-01	3.5E-01	1.5E-01	5.9E-01	1.8E+00	5.0E-01
AOI 18	Soil OnYard	Dibenz[a,h]anthracene	1/3	1.7E-01	8.6E-02	8.6E-02	1.4E-01	1.4E-01	0.0E+00	1.4E-01	6.3E-01	8.6E-02
AOI 18	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/3	3.9E-01	3.9E-01	1.3E-01	2.2E-01	2.5E-01	1.3E-01	4.7E-01	3.2E+00	3.9E-01
AOI 18	Soil OnYard	Lead	3/3	3.6E+02	3.6E+02	6.8E+01	1.8E+02	2.2E+02	1.4E+02	4.6E+02	3.1E+05	2.2E+02
AOI 18	Soil OnYard	Mercury	3/3	1.7E-01	1.7E-01	7.0E-02	1.1E-01	1.2E-01	4.9E-02	2.0E-01	6.4E-01	1.7E-01
AOI 18	Soil OnYard	n-Nitrosodipropylamine	0/3	1.9E-01	0.0E+00	1.7E-01	1.7E-01	1.8E-01	8.7E-03	1.9E-01	1.9E-01	1.8E-01
AOI 18	Soil OnYard	Selenium	3/3	5.4E-01	5.4E-01	1.0E-01	2.6E-01	3.3E-01	2.2E-01	7.0E-01	5.3E+02	5.4E-01
AOI 19	Soil OnYard	Arsenic	3/3	4.6E+00	4.6E+00	1.9E+00	2.7E+00	2.9E+00	1.5E+00	5.4E+00	2.7E+01	4.6E+00
AOI 19	Soil OnYard	Benzo[a]anthracene	2/3	1.4E+01	1.4E+01	1.9E-01	2.3E+00	6.3E+00	7.1E+00	1.8E+01	3.1E+19	1.4E+01
AOI 19	Soil OnYard	Benzo[a]pyrene	2/3	2.0E+01	2.0E+01	1.9E-01	3.0E+00	9.2E+00	1.0E+01	2.6E+01	3.5E+26	2.0E+01
AOI 19	Soil OnYard	Benzo[b]fluoranthene	2/3	1.7E+01	1.7E+01	1.9E-01	2.7E+00	7.9E+00	8.5E+00	2.2E+01	4.1E+25	1.7E+01
AOI 19	Soil OnYard	Benzo[k]fluoranthene	2/3	1.5E+01	1.5E+01	1.9E-01	2.1E+00	6.2E+00	7.8E+00	1.9E+01	2.3E+19	1.5E+01
AOI 19	Soil OnYard	Chromium	3/3	1.4E+01	1.4E+01	6.2E+00	8.1E+00	8.7E+00	4.1E+00	1.6E+01	4.5E+01	1.4E+01
AOI 19	Soil OnYard	Chrysene	3/3	2.0E+01	2.0E+01	4.6E-02	1.9E+00	9.3E+00	1.0E+01	2.6E+01	3.7E+48	2.0E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	;						
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 19	Soil OnYard	Dibenz[a,h]anthracene	2/3	4.2E+00	4.2E+00	1.9E-01	1.2E+00	2.2E+00	2.0E+00	5.5E+00	1.5E+12	4.2E+00
AOI 19	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/3	1.8E+01	1.8E+01	1.9E-01	2.8E+00	8.2E+00	9.1E+00	2.3E+01	5.8E+25	1.8E+01
AOI 19	Soil OnYard	Lead	3/3	2.7E+02	2.7E+02	2.7E+01	6.9E+01	1.1E+02	1.4E+02	3.4E+02	1.8E+08	1.1E+02
AOI 19	Soil OnYard	Mercury	3/3	2.1E-01	2.1E-01	4.6E-02	9.9E-02	1.2E-01	8.5E-02	2.6E-01	3.9E+01	2.1E-01
AOI 19	Soil OnYard	n-Nitrosodipropylamine	0/3	1.9E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	1.0E-02	1.9E-01	1.9E-01	1.7E-01
AOI 19	Soil OnYard	Selenium	1/3	1.4E-01	1.4E-01	4.6E-02	6.6E-02	7.6E-02	5.2E-02	1.6E-01	2.5E+00	1.4E-01
AOI 2	Soil OnYard	Arsenic	3/3	1.5E+01	1.5E+01	8.9E+00	1.2E+01	1.2E+01	3.2E+00	1.8E+01	2.7E+01	1.5E+01
AOI 2	Soil OnYard	Benzo[a]anthracene	3/3	6.9E-01	6.9E-01	7.5E-02	2.4E-01	3.5E-01	3.1E-01	8.7E-01	1.3E+04	6.9E-01
AOI 2	Soil OnYard	Benzo[a]pyrene	3/3	6.2E-01	6.2E-01	6.4E-02	1.9E-01	2.8E-01	3.0E-01	7.8E-01	1.9E+05	6.2E-01
AOI 2	Soil OnYard	Benzo[b]fluoranthene	3/3	1.0E+00	1.0E+00	1.1E-01	3.2E-01	4.7E-01	4.7E-01	1.3E+00	1.6E+04	1.0E+00
AOI 2	Soil OnYard	Benzo[k]fluoranthene	3/3	6.9E-01	6.9E-01	7.9E-02	2.3E-01	3.3E-01	3.2E-01	8.7E-01	9.1E+03	6.9E-01
AOI 2	Soil OnYard	Chromium	3/3	3.9E+01	3.9E+01	2.3E+01	2.7E+01	2.8E+01	9.3E+00	4.4E+01	7.0E+01	3.9E+01
AOI 2	Soil OnYard	Chrysene	3/3	1.3E+00	1.3E+00	1.4E-01	4.8E-01	6.8E-01	5.8E-01	1.7E+00	4.3E+05	1.3E+00
AOI 2	Soil OnYard	Dibenz[a,h]anthracene	2/3	1.8E-01	1.0E-01	3.6E-02	8.6E-02	1.0E-01	7.0E-02	2.2E-01	4.4E+01	1.0E-01
AOI 2	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/3	3.9E-01	3.9E-01	8.9E-02	1.7E-01	2.1E-01	1.6E-01	4.8E-01	2.9E+01	3.9E-01
AOI 2	Soil OnYard	Lead	3/3	1.3E+02	1.3E+02	6.8E+01	8.8E+01	9.1E+01	3.3E+01	1.5E+02	2.5E+02	9.1E+01
AOI 2	Soil OnYard	Mercury	3/3	6.7E-02	6.7E-02	4.6E-02	5.2E-02	5.3E-02	1.2E-02	7.3E-02	8.7E-02	6.7E-02
AOI 2	Soil OnYard	n-Nitrosodipropylamine	0/3	1.8E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.8E-01	1.8E-01	1.7E-01
AOI 2	Soil OnYard	Selenium	3/3	7.1E-01	7.1E-01	5.7E-01	6.4E-01	6.4E-01	6.7E-02	7.5E-01	7.9E-01	7.1E - 01
AOI 20	Soil OnYard	Arsenic	2/3	8.6E+00	8.6E+00	2.5E+00	5.6E+00	6.4E+00	3.4E+00	1.2E+01	6.2E+02	8.6E+00
AOI 20	Soil OnYard	Benzo[a]anthracene	2/3	3.4E-01	4.5E-02	4.4E-02	8.7E-02	1.4E-01	1.7E-01	4.2E-01	1.2E+05	4.5E-02
AOI 20	Soil OnYard	Benzo[a]pyrene	1/3	3.4E-01	3.9E-02	3.9E-02	1.3E-01	1.8E-01	0.0E+00	1.8E-01	5.8E+03	3.9E-02
AOI 20	Soil OnYard	Benzo[b]fluoranthene	3/3	9.5E-02	9.5E-02	7.5E-02	8.3E-02	8.3E-02	1.0E-02	1.0E-01	1.1E-01	9.5E-02
AOI 20	Soil OnYard	Benzo[k]fluoranthene	0/3	3.4E-01	0.0E+00	1.7E-01	2.1E-01	2.2E-01	9.8E-02	3.9E-01	1.0E+00	2.2E-01
AOI 20	Soil OnYard	Chromium	3/3	2.1E+01	2.1E+01	5.0E+00	8.5E+00	1.1E+01	9.0E+00	2.6E+01	3.9E+03	2.1E+01
AOI 20	Soil OnYard	Chrysene	3/3	1.1E-01	1.1E-01	9.7E-02	1.0E-01	1.0E-01	7.0E-03	1.1E-01	1.2E-01	1.1E-01
AOI 20	Soil OnYard	Dibenz[a,h]anthracene	0/3	3.4E-01	0.0E+00	1.7E-01	2.1E-01	2.2E-01	9.8E-02	3.9E-01	1.0E+00	2.2E-01
AOI 20	Soil OnYard	Indeno[1,2,3-c,d]pyrene	1/3	3.4E-01	4.3E-02	4.3E-02	1.3E-01	1.8E-01	0.0E+00	1.8E-01	3.5E+03	4.3E-02
AOI 20	Soil OnYard	Lead	3/3	1.2E+02	1.2E+02	6.9E+01	9.7E+01	1.0E+02	2.7E+01	1.5E+02	2.4E+02	1.0E+02
AOI 20	Soil OnYard	Mercury	3/3	7.8E-02	7.8E-02	4.4E-02	6.2E-02	6.4E-02	1.8E-02	9.4E-02	1.6E-01	7.8E-02
AOI 20	Soil OnYard	n-Nitrosodipropylamine	0/3	3.4E-01	0.0E+00	1.7E-01	2.1E-01	2.2E-01	9.8E-02	3.9E-01	1.0E+00	2.2E-01
AOI 20	Soil OnYard	Selenium	2/3	7.7E+00	7.7E+00	2.5E+00	5.0E+00	5.5E+00	2.7E+00	1.0E+01	1.7E+02	7.7E+00

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	;						
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 21	Soil OnYard	Arsenic	9/10	4.5E+02	4.5E+02	2.5E+00	1.7E+01	7.0E+01	1.4E+02	1.5E+02	5.9E+02	4.5E+02
AOI 21	Soil OnYard	Benzo[a]anthracene	4/4	2.9E+00	2.9E+00	2.2E-01	7.1E-01	1.1E+00	1.2E+00	2.6E+00	7.4E+01	2.9E+00
AOI 21	Soil OnYard	Benzo[a]pyrene	4/4	2.0E+00	2.0E+00	1.9E-01	8.1E-01	1.1E+00	8.0E-01	2.0E+00	2.7E+01	2.0E+00
AOI 21	Soil OnYard	Benzo[b]fluoranthene	4/4	2.1E+00	2.1E+00	2.5E-01	9.2E-01	1.2E+00	7.9E-01	2.1E+00	1.6E+01	2.1E+00
AOI 21	Soil OnYard	Benzo[k]fluoranthene	4/4	2.6E+00	2.6E+00	2.3E-01	9.0E-01	1.2E+00	1.0E+00	2.4E+00	2.7E+01	2.6E+00
AOI 21	Soil OnYard	Chromium	10/10	1.4E+03	1.4E+03	1.9E+01	9.1E+01	2.4E+02	4.2E+02	4.8E+02	1.6E+03	1.4E+03
AOI 21	Soil OnYard	Chrysene	4/4	3.8E+00	3.8E+00	3.1E-01	1.2E+00	1.7E+00	1.5E+00	3.4E+00	3.8E+01	3.8E+00
AOI 21	Soil OnYard	Dibenz[a,h]anthracene	3/4	1.7E+00	2.4E-01	4.6E-02	2.3E-01	5.2E-01	7.5E-01	1.4E+00	3.1E+02	2.4E-01
AOI 21	Soil OnYard	Indeno[1,2,3-c,d]pyrene	4/4	9.8E-01	9.8E-01	1.9E-01	5.6E-01	6.6E-01	3.4E-01	1.1E+00	3.6E+00	9.8E-01
AOI 21	Soil OnYard	Lead	10/10	2.2E+03	2.2E+03	1.9E+01	4.0E+02	6.3E+02	6.1E+02	9.9E+02	3.9E+03	6.3E+02
AOI 21	Soil OnYard	Mercury	9/10	4.1E+00	4.1E+00	2.0E-02	3.5E-01	7.5E-01	1.2E+00	1.4E+00	4.5E+00	4.1E+00
AOI 21	Soil OnYard	n-Nitrosodipropylamine	0/4	1.7E+00	0.0E+00	1.7E-01	3.0E-01	5.4E-01	7.4E-01	1.4E+00	3.0E+01	5.4E-01
AOI 21	Soil OnYard	Selenium	5/10	7.7E+02	7.7E+02	4.5E-02	3.0E+00	8.2E+01	2.4E+02	2.2E+02	3.5E+05	7.7E+02
AOI 22A	Soil OnYard	Arsenic	7/7	1.7E+01	1.7E+01	5.2E+00	8.9E+00	9.5E+00	3.9E+00	1.2E+01	1.4E+01	1.4E+01
AOI 22A	Soil OnYard	Benzo[a]anthracene	7/7	1.3E+00	1.3E+00	3.7E-02	1.9E-01	3.9E-01	4.5E-01	7.2E-01	5.8E+00	1.3E+00
AOI 22A	Soil OnYard	Benzo[a]pyrene	6/7	8.7E-01	8.7E-01	5.7E-02	2.0E-01	3.0E-01	2.9E-01	5.2E-01	1.5E+00	8.7E-01
AOI 22A	Soil OnYard	Benzo[b]fluoranthene	7/7	1.6E+00	1.6E+00	5.4E-02	3.1E-01	5.6E-01	5.8E-01	9.8E-01	6.5E+00	1.6E+00
AOI 22A	Soil OnYard	Benzo[k]fluoranthene	5/7	4.9E-01	4.9E-01	6.9E-02	1.9E-01	2.2E-01	1.4E-01	3.2E-01	4.6E-01	4.6E-01
AOI 22A	Soil OnYard	Chromium	7/7	3.3E+02	3.3E+02	1.5E+01	4.7E+01	8.4E+01	1.1E+02	1.7E+02	4.5E+02	3.3E+02
AOI 22A	Soil OnYard	Chrysene	7/7	1.5E+00	1.5E+00	5.6E-02	3.6E-01	5.5E-01	5.0E-01	9.2E-01	3.4E+00	1.5E+00
AOI 22A	Soil OnYard	Dibenz[a,h]anthracene	2/7	9.5E-01	8.5E-02	6.8E-02	1.7E-01	2.5E-01	3.1E-01	4.8E-01	7.3E-01	8.5E-02
AOI 22A	Soil OnYard	Indeno[1,2,3-c,d]pyrene	4/7	3.5E-01	3.5E-01	7.6E-02	1.9E-01	2.1E-01	9.4E-02	2.8E-01	3.6E-01	3.5E-01
AOI 22A	Soil OnYard	Lead	7/7	8.1E+02	8.1E+02	4.9E+01	2.0E+02	2.8E+02	2.6E+02	4.7E+02	1.0E+03	2.8E+02
AOI 22A	Soil OnYard	Mercury	5/7	2.9E-01	2.9E-01	2.0E-02	6.6E-02	9.8E-02	9.7E-02	1.7E-01	4.8E-01	2.9E-01
AOI 22A	Soil OnYard	n-Nitrosodipropylamine	0/7	9.5E-01	0.0E+00	1.7E-01	2.2E-01	2.8E-01	3.0E-01	5.0E-01	5.8E-01	2.8E-01
AOI 22A	Soil OnYard	Selenium	0/7	1.0E+01	0.0E+00	2.5E+00	3.0E+00	3.6E+00	2.8E+00	5.7E+00	5.9E+00	3.6E+00
AOI 22B	Soil OnYard	Arsenic	5/7	2.4E+01	2.4E+01	2.5E+00	8.4E+00	1.1E+01	8.4E+00	1.8E+01	4.6E+01	2.4E+01
AOI 22B	Soil OnYard	Benzo[a]anthracene	3/7	2.5E-01	2.5E-01	1.7E-01	1.8E-01	1.9E-01	3.3E-02	2.1E-01	2.1E-01	2.1E-01
AOI 22B	Soil OnYard	Benzo[a]pyrene	3/7	2.1E-01	2.1E-01	1.3E-01	1.7E-01	1.7E-01	2.6E-02	1.9E-01	2.0E-01	2.0E-01
AOI 22B	Soil OnYard	Benzo[b]fluoranthene	3/7	5.7E-01	5.7E-01	1.7E-01	2.4E-01	2.8E-01	1.6E-01	3.9E-01	4.7E-01	4.7E-01
AOI 22B	Soil OnYard	Benzo[k]fluoranthene	3/7	1.7E-01	1.2E-01	1.0E-01	1.4E-01	1.4E-01	3.0E-02	1.6E-01	1.7E-01	1.2E-01
AOI 22B	Soil OnYard	Chromium	7/7	8.7E+01	8.7E+01	9.8E+00	3.1E+01	3.9E+01	2.7E+01	5.8E+01	9.7E+01	8.7E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Results												
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 22B	Soil OnYard	Chrysene	3/7	5.5E-01	5.5E-01	1.7E-01	2.4E-01	2.7E-01	1.6E-01	3.9E-01	4.6E-01	4.6E-01
AOI 22B	Soil OnYard	Dibenz[a,h]anthracene	3/7	1.7E-01	1.0E-01	3.6E-02	1.0E-01	1.2E-01	5.9E-02	1.6E-01	2.8E-01	1.0E-01
AOI 22B	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/7	1.7E-01	1.4E-01	1.2E-01	1.5E-01	1.5E-01	2.0E-02	1.6E-01	1.7E-01	1.4E-01
AOI 22B	Soil OnYard	Lead	7/7	3.0E+02	3.0E+02	1.1E+02	1.6E+02	1.7E+02	6.4E+01	2.1E+02	2.2E+02	1.7E+02
AOI 22B	Soil OnYard	Mercury	7/7	1.8E-01	1.8E-01	5.0E-02	9.7E-02	1.0E-01	4.3E-02	1.4E-01	1.6E-01	1.6E-01
AOI 22B	Soil OnYard	n-Nitrosodipropylamine	0/7	3.4E-01	0.0E+00	1.7E-01	1.8E-01	1.9E-01	6.4E-02	2.4E-01	2.4E-01	1.9E-01
AOI 22B	Soil OnYard	Selenium	2/7	2.0E+01	1.4E+01	2.5E+00	5.4E+00	8.1E+00	7.4E+00	1.4E+01	3.9E+01	1.4E+01
AOI 23	Soil OnYard	Arsenic	3/3	1.1E+01	1.1E+01	6.6E+00	8.4E+00	8.6E+00	2.2E+00	1.2E+01	1.8E+01	1.1E+01
AOI 23	Soil OnYard	Chromium	3/3	1.6E+02	1.6E+02	2.3E+01	8.2E+01	1.1E+02	7.6E+01	2.4E+02	3.9E+06	1.6E+02
AOI 23	Soil OnYard	Lead	3/3	2.0E+03	2.0E+03	1.9E+01	1.5E+02	7.0E+02	1.1E+03	2.6E+03	1.7E+27	7.0E+02
AOI 23	Soil OnYard	Mercury	2/3	9.6E-02	9.6E-02	2.0E-02	5.0E-02	6.0E-02	3.8E-02	1.2E-01	2.8E+01	9.6E-02
AOI 23	Soil OnYard	Selenium	0/3	1.0E+01	0.0E+00	2.5E+00	6.3E+00	7.5E+00	4.3E+00	1.5E+01	3.2E+03	7.5E+00
AOI 26	Soil OnYard	Arsenic	3/3	5.5E+00	5.5E+00	3.3E+00	4.4E+00	4.5E+00	1.1E+00	6.4E+00	9.7E+00	5.5E+00
AOI 26	Soil OnYard	Benzo[a]anthracene	1/4	1.7E-01	8.0E-02	8.0E-02	1.4E-01	1.4E-01	0.0E+00	1.4E-01	2.6E-01	8.0E-02
AOI 26	Soil OnYard	Benzo[a]pyrene	3/4	1.7E-01	9.3E-02	3.6E-02	7.6E-02	8.8E-02	5.6E-02	1.5E-01	3.2E-01	9.3E-02
AOI 26	Soil OnYard	Benzo[b]fluoranthene	4/4	7.2E-02	7.2E-02	4.5E-02	5.9E-02	6.0E-02	1.2E-02	7.5E-02	7.9E-02	7.2E-02
AOI 26	Soil OnYard	Benzo[k]fluoranthene	1/4	1.7E-01	5.9E-02	5.9E-02	1.3E-01	1.4E-01	0.0E+00	1.4E-01	3.5E-01	5.9E-02
AOI 26	Soil OnYard	Chromium	3/3	7.6E+00	7.6E+00	5.3E+00	6.6E+00	6.7E+00	1.2E+00	8.8E+00	1.1E+01	7.6E+00
AOI 26	Soil OnYard	Chrysene	3/4	1.7E-01	1.5E-01	4.1E-02	1.1E-01	1.2E-01	5.6E-02	1.9E-01	4.5E-01	1.5E-01
AOI 26	Soil OnYard	Dibenz[a,h]anthracene	0/4	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
AOI 26	Soil OnYard	Indeno[1,2,3-c,d]pyrene	1/4	1.7E-01	4.5E-02	4.5E-02	1.2E-01	1.4E-01	0.0E+00	1.4E-01	5.1E-01	4.5E-02
AOI 26	Soil OnYard	Lead	3/3	7.3E+02	7.3E+02	2.4E+01	1.9E+02	3.8E+02	3.5E+02	9.8E+02	4.6E+15	3.8E+02
AOI 26	Soil OnYard	Mercury	3/3	2.2E-01	2.2E-01	2.8E-02	9.3E-02	1.3E-01	9.6E-02	2.9E-01	3.5E+03	2.2E-01
AOI 26	Soil OnYard	n-Nitrosodipropylamine	0/4	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
AOI 26	Soil OnYard	Selenium	2/3	3.3E-01	3.3E-01	5.4E-02	1.4E-01	1.8E-01	1.4E-01	4.2E-01	4.3E+02	3.3E-01
AOI 27	Soil OnYard	Arsenic	5/7	1.7E+01	1.7E+01	2.5E+00	5.6E+00	6.9E+00	5.0E+00	1.1E+01	1.6E+01	1.6E+01
AOI 27	Soil OnYard	Benzo[a]anthracene	3/8	3.0E+02	3.0E+02	1.7E-01	9.1E-01	3.8E+01	1.1E+02	1.1E+02	1.2E+05	3.0E+02
AOI 27	Soil OnYard	Benzo[a]pyrene	2/8	2.0E+02	2.0E+02	1.5E-01	1.0E+00	2.7E+01	7.0E+01	7.4E+01	1.8E+05	2.0E+02
AOI 27	Soil OnYard	Benzo[b]fluoranthene	2/8	2.6E+02	2.6E+02	1.7E-01	1.3E+00	3.5E+01	9.0E+01	9.5E+01	2.6E+05	2.6E+02
AOI 27	Soil OnYard	Benzo[k]fluoranthene	1/8	1.9E+02	1.9E+02	1.7E-01	1.1E+00	2.6E+01	6.6E+01	7.0E+01	1.6E+05	1.9E+02
AOI 27	Soil OnYard	Chromium	7/7	1.6E+01	1.6E+01	6.2E+00	1.1E+01	1.1E+01	3.6E+00	1.4E+01	1.5E+01	1.5E+01
AOI 27	Soil OnYard	Chrysene	3/8	9.0E+02	9.0E+02	5.4E-02	1.0E+00	1.1E+02	3.2E+02	3.3E+02	2.0E+07	9.0E+02

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	;						
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 27	Soil OnYard	Dibenz[a,h]anthracene	0/8	3.7E+01	0.0E+00	1.7E-01	8.6E-01	7.0E+00	1.3E+01	1.6E+01	3.0E+03	7.0E+00
AOI 27	Soil OnYard	Indeno[1,2,3-c,d]pyrene	1/8	3.7E+01	2.2E-01	1.7E-01	8.0E-01	7.0E+00	1.3E+01	1.6E+01	1.3E+04	2.2E-01
AOI 27	Soil OnYard	Lead	7/7	3.0E+03	3.0E+03	5.1E+01	2.1E+02	6.1E+02	1.1E+03	1.4E+03	1.6E+04	6.1E+02
AOI 27	Soil OnYard	Mercury	6/7	1.3E-01	1.3E-01	2.0E-02	7.6E-02	8.6E-02	3.5E-02	1.1E-01	1.8E-01	1.3E-01
AOI 27	Soil OnYard	n-Nitrosodipropylamine	0/8	3.7E+01	0.0E+00	1.7E-01	8.6E-01	7.0E+00	1.3E+01	1.6E+01	3.0E+03	7.0E+00
AOI 27	Soil OnYard	Selenium	1/7	5.8E+00	5.8E+00	2.5E+00	2.8E+00	3.0E+00	1.2E+00	3.9E+00	3.9E+00	3.9E+00
AOI 30	Soil OnYard	Arsenic	10/13	3.5E+02	3.5E+02	7.1E+00	2.0E+01	4.2E+01	9.3E+01	8.8E+01	6.4E+01	8.8E+01
AOI 30	Soil OnYard	Benzo[a]anthracene	13/15	1.1E+00	1.1E+00	5.3E-02	4.5E-01	5.7E-01	3.2E-01	7.2E-01	1.2E+00	1.1E+00
AOI 30	Soil OnYard	Benzo[a]pyrene	15/15	9.0E-01	9.0E-01	3.4E-02	2.9E-01	3.8E-01	2.4E-01	4.9E-01	7.6E-01	7.6E-01
AOI 30	Soil OnYard	Benzo[b]fluoranthene	15/15	3.6E+00	3.6E+00	4.3E-02	5.9E-01	9.0E-01	8.5E-01	1.3E+00	2.4E+00	2.4E+00
AOI 30	Soil OnYard	Benzo[k]fluoranthene	13/15	6.7E-01	6.7E-01	5.9E-02	2.3E-01	2.7E-01	1.6E-01	3.4E-01	4.0E-01	4.0E-01
AOI 30	Soil OnYard	Chromium	13/13	1.7E+03	1.7E+03	2.5E+01	1.9E+02	4.2E+02	5.2E+02	6.7E + 02	2.3E+03	1.7E+03
AOI 30	Soil OnYard	Chrysene	14/15	1.5E+00	1.5E+00	8.5E-02	6.5E-01	8.6E-01	5.0E-01	1.1E+00	1.8E+00	1.5E+00
AOI 30	Soil OnYard	Dibenz[a,h]anthracene	12/15	8.5E-01	3.0E-01	3.5E-02	1.4E-01	1.9E-01	2.0E-01	2.8E-01	3.2E-01	3.0E-01
AOI 30	Soil OnYard	Indeno[1,2,3-c,d]pyrene	14/15	7.3E-01	7.3E-01	4.9E-02	2.4E-01	2.8E-01	1.7E-01	3.6E-01	4.5E-01	4.5E-01
AOI 30	Soil OnYard	Lead	13/13	6.1E+02	6.1E+02	6.8E+01	3.1E+02	3.6E+02	1.6E+02	4.4E+02	5.7E+02	3.6E+02
AOI 30	Soil OnYard	Mercury	13/13	1.1E+00	1.1E+00	1.5E-01	4.0E-01	4.9E-01	3.3E-01	6.5E-01	8.0E-01	8.0E-01
AOI 30	Soil OnYard	n-Nitrosodipropylamine	0/15	8.5E-01	0.0E+00	1.7E-01	2.8E-01	3.3E-01	2.2E-01	4.3E-01	4.7E-01	3.3E-01
AOI 30	Soil OnYard	Selenium	3/13	1.8E+02	1.8E+02	2.5E+00	1.4E+01	3.3E+01	5.0E+01	5.8E+01	1.3E+02	1.3E+02
AOI 32	Soil OnYard	Arsenic	3/3	1.4E+01	1.4E+01	3.8E+00	7.4E+00	8.4E+00	4.9E+00	1.7E+01	3.0E+02	1.4E+01
AOI 32	Soil OnYard	Benzo[a]anthracene	5/7	1.9E-01	1.9E-01	3.7E-02	9.4E-02	1.2E-01	6.8E-02	1.7E-01	3.0E-01	1.9E-01
AOI 32	Soil OnYard	Benzo[a]pyrene	3/7	1.7E-01	1.5E-01	4.9E-02	1.3E-01	1.4E-01	4.2E-02	1.7E-01	2.2E-01	1.5E-01
AOI 32	Soil OnYard	Benzo[b]fluoranthene	6/7	2.9E-01	2.9E-01	3.4E-02	1.0E-01	1.4E-01	1.1E-01	2.2E-01	5.4E-01	2.9E-01
AOI 32	Soil OnYard	Benzo[k]fluoranthene	3/7	1.7E-01	1.2E-01	3.7E-02	1.2E-01	1.3E-01	5.0E-02	1.7E-01	2.5E-01	1.2E-01
AOI 32	Soil OnYard	Chromium	3/3	3.2E+01	3.2E+01	7.8E+00	1.3E+01	1.6E+01	1.3E+01	3.9E+01	4.6E+03	3.2E+01
AOI 32	Soil OnYard	Chrysene	6/7	3.7E-01	3.7E-01	4.5E-02	1.3E-01	1.7E-01	1.3E-01	2.6E-01	5.0E-01	3.7E-01
AOI 32	Soil OnYard	Dibenz[a,h]anthracene	0/7	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.2E-09	1.7E-01	1.7E-01	1.7E-01
AOI 32	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/7	1.7E-01	9.8E-02	6.3E-02	1.2E-01	1.3E-01	4.8E-02	1.6E-01	2.0E-01	9.8E-02
AOI 32	Soil OnYard	Lead	3/3	1.0E+02	1.0E+02	3.1E+01	6.0E+01	6.7E+01	3.4E+01	1.3E+02	1.9E+03	6.7E+01
AOI 32	Soil OnYard	Mercury	3/3	1.6E-01	1.6E-01	2.1E-02	6.1E-02	8.3E-02	6.8E-02	2.0E-01	1.3E+03	1.6E-01
AOI 32	Soil OnYard	n-Nitrosodipropylamine	0/7	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.2E-09	1.7E-01	1.7E-01	1.7E-01
AOI 32	Soil OnYard	Selenium	3/3	6.6E-01	6.6E-01	1.1E-01	3.5E-01	4.7E-01	3.1E-01	9.9E-01	9.7E+03	6.6E-01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	;						
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 33	Soil OnYard	Aluminum	8/8	9.6E+03	9.6E+03	6.2E+03	7.3E+03	7.4E+03	1.3E+03	8.2E+03	8.4E+03	8.4E+03
AOI 33	Soil OnYard	Antimony	0/8	3.8E+00	0.0E+00	1.8E-01	3.9E-01	9.7E-01	1.5E+00	2.0E+00	8.5E+00	9.7E-01
AOI 33	Soil OnYard	Arsenic	9/11	1.3E+01	1.3E+01	2.5E+00	4.7E+00	5.7E+00	3.9E+00	7.9E+00	9.2E+00	9.2E+00
AOI 33	Soil OnYard	Benzo[a]anthracene	2/11	1.4E+00	1.4E+00	1.7E-01	2.7E-01	3.7E-01	4.1E-01	6.0E-01	6.2E-01	6.2E-01
AOI 33	Soil OnYard	Benzo[a]pyrene	3/11	1.6E+00	1.6E+00	4.4E-02	2.5E-01	3.9E-01	4.7E-01	6.4E-01	9.3E-01	9.3E-01
AOI 33	Soil OnYard	Benzo[b]fluoranthene	3/11	1.2E+00	1.2E+00	5.2E-02	2.5E-01	3.6E-01	3.7E-01	5.6E-01	7.7E-01	7.7E-01
AOI 33	Soil OnYard	Benzo[k]fluoranthene	2/11	1.6E+00	1.6E+00	1.7E-01	2.8E-01	4.0E-01	4.6E-01	6.5E-01	7.1E-01	7.1E-01
AOI 33	Soil OnYard	Chromium	11/11	2.0E+01	2.0E+01	5.2E+00	1.1E+01	1.2E+01	3.6E+00	1.4E+01	1.5E+01	1.5E+01
AOI 33	Soil OnYard	Chrysene	3/11	2.1E+00	2.1E+00	4.2E-02	2.6E-01	4.5E-01	6.0E-01	7.8E-01	1.1E+00	1.1E+00
AOI 33	Soil OnYard	Copper	8/8	9.4E+01	9.4E+01	1.2E+01	1.8E+01	2.4E+01	2.8E+01	4.3E+01	4.8E+01	4.8E+01
AOI 33	Soil OnYard	Dibenz[a,h]anthracene	1/11	9.5E-01	9.6E-02	9.6E-02	2.3E-01	3.1E-01	0.0E+00	3.1E-01	5.1E-01	9.6E-02
AOI 33	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/11	1.5E+00	1.5E+00	1.7E-01	2.8E-01	4.0E-01	4.4E-01	6.4E-01	7.1E-01	7.1E-01
AOI 33	Soil OnYard	Lead	11/11	2.2E+02	2.2E+02	4.7E+00	2.7E+01	6.8E+01	9.3E+01	1.2E+02	3.9E+02	6.8E+01
AOI 33	Soil OnYard	Manganese	8/8	3.6E+02	3.6E+02	1.8E+02	2.3E+02	2.4E+02	7.1E+01	2.9E+02	3.0E+02	3.0E+02
AOI 33	Soil OnYard	Mercury	9/11	1.4E-01	1.4E-01	1.5E-02	3.9E-02	5.3E-02	4.7E-02	7.9E-02	1.0E-01	1.0E-01
AOI 33	Soil OnYard	n-Nitrosodipropylamine	0/11	9.5E-01	0.0E+00	1.7E-01	2.4E-01	3.2E-01	3.0E-01	4.8E-01	5.0E-01	3.2E-01
AOI 33	Soil OnYard	Selenium	5/11	4.0E+00	1.0E+00	1.9E-01	5.6E-01	9.6E-01	1.2E+00	1.6E+00	2.5E+00	1.0E+00
AOI 34	Soil OnYard	Aluminum	4/4	1.5E+05	1.5E+05	9.7E+03	2.0E+04	4.6E+04	7.2E+04	1.3E+05	5.4E+06	1.5E+05
AOI 34	Soil OnYard	Antimony	3/3	4.4E+01	4.4E+01	1.1E+01	2.1E+01	2.5E+01	1.7E+01	5.3E+01	2.1E+03	4.4E+01
AOI 34	Soil OnYard	Arsenic	14/16	3.4E+01	3.4E+01	2.5E+00	8.9E+00	1.2E+01	1.0E+01	1.6E+01	2.0E+01	2.0E+01
AOI 34	Soil OnYard	Benzo[a]anthracene	3/13	3.6E+01	1.2E-01	4.7E-02	7.9E-01	6.7E+00	1.2E+01	1.3E+01	7.1E+02	1.2E-01
AOI 34	Soil OnYard	Benzo[a]pyrene	3/13	3.6E+01	1.4E-01	3.7E-02	7.9E-01	6.7E+00	1.2E+01	1.3E+01	7.3E+02	1.4E-01
AOI 34	Soil OnYard	Benzo[b]fluoranthene	5/14	3.6E+01	2.1E-01	2.2E-02	6.5E-01	6.3E+00	1.2E+01	1.2E+01	4.3E+02	2.1E-01
AOI 34	Soil OnYard	Benzo[k]fluoranthene	2/13	3.6E+01	1.7E-01	3.4E-02	8.6E-01	6.8E+00	1.2E+01	1.3E+01	5.8E+02	1.7E-01
AOI 34	Soil OnYard	Chromium	16/16	1.7E+02	1.7E+02	5.4E+00	2.5E+01	4.5E+01	5.0E+01	6.7E+01	1.2E+02	1.2E+02
AOI 34	Soil OnYard	Chrysene	6/15	3.6E+01	1.8E+00	2.4E-02	6.7E-01	6.0E+00	1.2E+01	1.1E+01	3.4E+02	1.8E+00
AOI 34	Soil OnYard	Copper	4/4	2.7E+02	2.7E+02	2.4E+01	1.2E+02	1.7E+02	1.2E+02	3.1E+02	1.2E+04	2.7E+02
AOI 34	Soil OnYard	Dibenz[a,h]anthracene	1/12	3.6E+01	4.4E-02	4.4E-02	1.0E+00	7.3E+00	0.0E+00	7.3E+00	8.5E+02	4.4E-02
AOI 34	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/13	3.6E+01	1.5E-01	5.8E-02	8.8E-01	6.8E+00	1.2E+01	1.3E+01	2.4E+02	1.5E-01
AOI 34	Soil OnYard	Lead	16/16	8.0E+02	8.0E+02	3.4E+01	2.3E+02	3.0E+02	2.1E+02	3.9E+02	5.4E+02	3.0E+02
AOI 34	Soil OnYard	Manganese	4/4	4.0E+02	4.0E+02	9.6E+01	2.4E+02	2.7E+02	1.3E+02	4.3E+02	9.9E+02	4.0E+02
AOI 34	Soil OnYard	Mercury	14/14	1.6E+02	1.6E+02	5.1E-02	1.3E+00	4.7E+01	6.6E+01	7.8E+01	1.5E+06	1.6E+02

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results							
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 34	Soil OnYard	n-Nitrosodipropylamine	1/13	3.6E+01	1.3E+00	1.7E-01	1.1E+00	6.8E+00	1.2E+01	1.3E+01	1.7E+02	1.3E+00
AOI 34	Soil OnYard	Selenium	6/14	1.3E+01	1.3E+01	4.6E-01	2.6E+00	3.8E+00	3.4E+00	5.5E+00	8.6E+00	8.6E+00
AOI 35	Soil OnYard	Arsenic	5/5	3.5E+01	3.5E+01	5.1E+00	1.0E+01	1.3E+01	1.2E+01	2.5E+01	6.5E+01	3.5E+01
AOI 35	Soil OnYard	Benzo[a]anthracene	5/7	6.5E-01	5.6E-01	6.7E-02	1.7E-01	2.5E-01	2.5E-01	4.3E-01	9.3E-01	5.6E-01
AOI 35	Soil OnYard	Benzo[a]pyrene	5/7	6.5E-01	5.1E-01	8.3E-02	2.0E-01	2.7E-01	2.2E-01	4.3E-01	7.7E-01	5.1E-01
AOI 35	Soil OnYard	Benzo[b]fluoranthene	5/7	6.5E-01	3.4E-01	9.3E-02	2.0E-01	2.5E-01	1.9E-01	3.9E-01	5.4E-01	3.4E-01
AOI 35	Soil OnYard	Benzo[k]fluoranthene	4/7	6.5E-01	6.0E-01	4.9E-02	1.7E-01	2.6E-01	2.5E-01	4.5E-01	1.2E+00	6.0E-01
AOI 35	Soil OnYard	Chromium	5/5	4.2E+01	4.2E+01	6.5E+00	1.2E+01	1.6E+01	1.5E+01	3.0E+01	5.8E+01	4.2E+01
AOI 35	Soil OnYard	Chrysene	5/7	8.8E-01	8.8E-01	9.5E-02	2.4E-01	3.3E-01	3.1E-01	5.5E-01	9.6E-01	8.8E-01
AOI 35	Soil OnYard	Dibenz[a,h]anthracene	1/7	6.5E-01	8.1E-02	8.1E-02	1.9E-01	2.3E-01	0.0E+00	2.3E-01	4.4E-01	8.1E-02
AOI 35	Soil OnYard	Indeno[1,2,3-c,d]pyrene	5/7	6.5E-01	4.9E-01	5.8E-02	1.7E-01	2.5E-01	2.3E-01	4.2E-01	9.6E-01	4.9E-01
AOI 35	Soil OnYard	Lead	5/5	2.3E+02	2.3E+02	2.7E+01	5.8E+01	8.2E+01	8.6E+01	1.6E+02	5.8E+02	8.2E+01
AOI 35	Soil OnYard	Mercury	4/5	1.0E-01	1.0E-01	2.0E-02	4.7E-02	5.6E-02	3.3E-02	8.8E-02	2.1E-01	1.0E-01
AOI 35	Soil OnYard	n-Nitrosodipropylamine	0/7	6.5E-01	0.0E+00	1.7E-01	2.1E-01	2.4E-01	1.8E-01	3.7E-01	3.9E-01	2.4E-01
AOI 35	Soil OnYard	Selenium	2/5	5.7E+00	5.7E+00	4.8E-02	5.6E-01	2.0E+00	2.3E+00	4.2E+00	2.6E+05	5.7E+00
AOI 36	Soil OnYard	Aluminum	16/16	1.1E+04	1.1E+04	1.7E+03	5.7E+03	6.2E+03	2.3E+03	7.2E+03	7.9E+03	7.9E+03
AOI 36	Soil OnYard	Antimony	2/16	2.2E+01	2.2E+01	1.6E+00	2.3E+00	3.7E+00	5.5E+00	6.1E+00	5.1E+00	6.1E+00
AOI 36	Soil OnYard	Arsenic	20/20	8.0E+02	8.0E+02	2.0E+00	1.8E+01	6.8E+01	1.8E+02	1.4E+02	1.6E+02	1.6E+02
AOI 36	Soil OnYard	Benzo[a]anthracene	15/19	3.3E+00	2.3E+00	1.0E-01	4.7E-01	7.2E-01	8.0E-01	1.0E+00	1.2E+00	1.2E+00
AOI 36	Soil OnYard	Benzo[a]pyrene	16/19	4.1E+00	4.1E+00	7.6E-02	4.3E-01	7.6E-01	1.1E+00	1.2E+00	1.3E+00	1.3E+00
AOI 36	Soil OnYard	Benzo[b]fluoranthene	17/19	3.3E+00	2.9E+00	1.6E-01	5.0E-01	7.6E-01	8.7E-01	1.1E+00	1.2E+00	1.2E+00
AOI 36	Soil OnYard	Benzo[k]fluoranthene	17/19	3.3E+00	2.6E+00	1.0E-01	4.9E-01	7.5E-01	8.4E-01	1.1E+00	1.2E+00	1.2E+00
AOI 36	Soil OnYard	Chromium	20/20	2.1E+02	2.1E+02	7.2E+00	1.9E+01	3.1E+01	4.6E+01	4.9E+01	4.5E+01	4.9E+01
AOI 36	Soil OnYard	Chrysene	18/19	3.3E+00	3.3E+00	1.4E-01	6.2E-01	9.1E-01	9.4E-01	1.3E+00	1.5E+00	1.5E+00
AOI 36	Soil OnYard	Copper	16/16	2.3E+04	2.3E+04	8.8E+00	1.7E+02	2.5E+03	6.2E+03	5.2E+03	5.5E+04	2.3E+04
AOI 36	Soil OnYard	Dibenz[a,h]anthracene	5/19	3.3E+00	7.9E-01	7.0E-02	5.5E-01	8.2E-01	7.8E-01	1.1E+00	1.6E+00	7.9E-01
AOI 36	Soil OnYard	Indeno[1,2,3-c,d]pyrene	16/19	4.8E+00	4.8E+00	1.2E-01	4.4E-01	7.9E-01	1.2E+00	1.3E+00	1.3E+00	1.3E+00
AOI 36	Soil OnYard	Lead	20/20	3.0E+03	3.0E+03	6.7E+00	2.5E+02	7.1E+02	9.7E+02	1.1E+03	3.8E+03	7.1E+02
AOI 36	Soil OnYard	Manganese	16/16	4.0E+03	4.0E+03	7.5E+01	3.2E+02	5.7E+02	9.5E+02	9.9E+02	1.0E+03	1.0E+03
AOI 36	Soil OnYard	Mercury	14/20	4.1E+00	4.1E+00	2.0E-02	1.6E-01	4.9E-01	1.0E+00	8.7E-01	9.6E-01	9.6E-01
AOI 36	Soil OnYard	n-Nitrosodipropylamine	0/3	4.0E-01	0.0E+00	1.7E-01	2.3E-01	2.5E-01	1.3E-01	4.6E-01	2.3E+00	2.5E-01
AOI 36	Soil OnYard	Selenium	5/20	4.5E+01	4.5E+01	1.5E-01	9.2E-01	5.5E+00	1.1E+01	9.7E+00	4.4E+01	4.4E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

Results												
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	CL95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 37	Soil OnYard	Arsenic	3/3	4.3E+00	4.3E+00	2.7E+00	3.5E+00	3.6E+00	8.3E-01	5.0E+00	6.4E+00	4.3E+00
AOI 37	Soil OnYard	Benzo[a]anthracene	1/3	1.7E-01	2.3E-02	2.3E-02	8.6E-02	1.2E-01	0.0E+00	1.2E-01	8.3E+04	2.3E-02
AOI 37	Soil OnYard	Benzo[a]pyrene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.6E-09	1.7E-01	1.7E-01	1.7E-01
AOI 37	Soil OnYard	Benzo[b]fluoranthene	3/3	6.4E-02	6.4E-02	3.6E-02	4.6E-02	4.7E-02	1.5E-02	7.2E-02	1.1E-01	6.4E-02
AOI 37	Soil OnYard	Benzo[k]fluoranthene	1/3	1.7E-01	2.4E-02	2.4E-02	8.7E-02	1.2E-01	0.0E+00	1.2E-01	4.7E+03	2.4E-02
AOI 37	Soil OnYard	Chromium	3/3	1.3E+01	1.3E+01	8.0E+00	1.0E+01	1.0E+01	2.4E+00	1.4E+01	1.8E+01	1.3E+01
AOI 37	Soil OnYard	Chrysene	3/3	1.1E-01	1.1E-01	5.0E-02	7.9E-02	8.3E-02	3.0E-02	1.3E-01	3.8E-01	1.1E-01
AOI 37	Soil OnYard	Dibenz[a,h]anthracene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.6E-09	1.7E-01	1.7E-01	1.7E-01
AOI 37	Soil OnYard	Indeno[1,2,3-c,d]pyrene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.6E-09	1.7E-01	1.7E-01	1.7E-01
AOI 37	Soil OnYard	Lead	3/3	3.3E+02	3.3E+02	3.2E+01	8.1E+01	1.4E+02	1.7E+02	4.2E+02	2.9E+08	1.4E+02
AOI 37	Soil OnYard	Mercury	3/3	1.2E-01	1.2E-01	4.7E-02	6.6E-02	7.3E-02	4.2E-02	1.4E-01	8.7E-01	1.2E-01
AOI 37	Soil OnYard	n-Nitrosodipropylamine	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.6E-09	1.7E-01	1.7E-01	1.7E-01
AOI 37	Soil OnYard	Selenium	3/3	2.0E-01	2.0E-01	1.2E-01	1.5E-01	1.5E-01	4.3E-02	2.2E-01	3.3E-01	2.0E-01
AOI 38	Soil OnYard	Arsenic	3/3	7.9E+00	7.9E+00	5.0E+00	6.1E+00	6.3E+00	1.5E+00	8.8E+00	1.1E+01	7.9E+00
AOI 38	Soil OnYard	Benzo[a]anthracene	2/3	3.4E-01	2.1E-01	1.9E-01	2.4E-01	2.5E-01	7.9E-02	3.8E-01	6.0E-01	2.1E-01
AOI 38	Soil OnYard	Benzo[a]pyrene	2/3	3.4E-01	3.0E-01	1.6E-01	2.5E-01	2.7E-01	9.3E-02	4.2E-01	1.2E+00	3.0E-01
AOI 38	Soil OnYard	Benzo[b]fluoranthene	3/3	3.0E-01	3.0E-01	7.7E-02	1.8E-01	2.1E-01	1.2E-01	4.1E-01	2.8E+01	3.0E-01
AOI 38	Soil OnYard	Benzo[k]fluoranthene	2/3	3.4E-01	2.3E-01	2.2E-01	2.6E-01	2.6E-01	6.4E-02	3.7E-01	4.5E-01	2.3E-01
AOI 38	Soil OnYard	Chromium	3/3	1.8E+01	1.8E+01	9.6E+00	1.3E+01	1.3E+01	4.1E+00	2.0E+01	3.2E+01	1.8E+01
AOI 38	Soil OnYard	Chrysene	3/3	4.1E-01	4.1E-01	1.0E-01	2.5E-01	2.9E-01	1.7E-01	5.8E-01	1.1E+02	4.1E-01
AOI 38	Soil OnYard	Dibenz[a,h]anthracene	1/3	3.4E-01	4.4E-02	4.4E-02	1.4E-01	1.9E-01	0.0E+00	1.9E-01	3.7E+03	4.4E-02
AOI 38	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/3	3.4E-01	1.6E-01	9.1E-02	1.7E-01	2.0E-01	1.3E-01	4.1E-01	1.4E+01	1.6E-01
AOI 38	Soil OnYard	Lead	3/3	5.5E+02	5.5E+02	1.8E+01	9.7E+01	2.2E+02	2.9E+02	7.0E+02	5.4E+14	2.2E+02
AOI 38	Soil OnYard	Mercury	3/3	3.8E-01	3.8E-01	2.6E-02	1.0E-01	1.7E-01	1.8E-01	4.8E-01	1.2E+06	3.8E-01
AOI 38	Soil OnYard	n-Nitrosodipropylamine	0/3	3.4E-01	0.0E+00	1.7E-01	2.2E-01	2.3E-01	9.1E-02	3.8E-01	9.2E-01	2.3E-01
AOI 38	Soil OnYard	Selenium	3/3	8.4E+00	8.4E+00	1.5E-01	7.5E-01	3.0E+00	4.7E+00	1.1E+01	9.0E+17	8.4E+00
AOI 5	Soil OnYard	Arsenic	3/3	6.6E+00	6.6E+00	3.5E+00	4.9E+00	5.1E+00	1.6E+00	7.7E+00	1.3E+01	6.6E+00
AOI 5	Soil OnYard	Benzo[a]anthracene	4/4	7.7E-01	7.7E-01	9.6E-02	2.1E-01	3.0E-01	3.2E-01	6.7E-01	3.4E+00	7.7E-01
AOI 5	Soil OnYard	Benzo[a]pyrene	4/4	4.6E-01	4.6E-01	8.1E-02	1.6E-01	2.0E-01	1.7E-01	4.1E-01	1.0E+00	4.6E-01
AOI 5	Soil OnYard	Benzo[b]fluoranthene	4/4	1.6E+00	1.6E+00	2.6E-01	5.1E-01	6.7E-01	6.3E-01	1.4E+00	4.5E+00	1.6E+00
AOI 5	Soil OnYard	Benzo[k]fluoranthene	4/4	4.6E-01	4.6E-01	6.7E-02	1.4E-01	1.9E-01	1.8E-01	4.0E-01	1.4E+00	4.6E-01
AOI 5	Soil OnYard	Chromium	3/3	1.1E+01	1.1E+01	5.5E+00	8.4E+00	8.8E+00	3.0E+00	1.4E+01	3.7E+01	1.1E+01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	5						
T4'	Madian	Chamitaal	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemical	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 5	Soil OnYard	Chrysene	4/4	2.0E+00	2.0E+00	2.7E-01	5.2E-01	7.6E-01	8.3E-01	1.7E+00	8.3E+00	2.0E+00
AOI 5	Soil OnYard	Dibenz[a,h]anthracene	4/4	1.1E-01	1.1E-01	3.4E-02	5.1E-02	5.8E-02	3.5E-02	9.9E-02	1.4E-01	1.1E-01
AOI 5	Soil OnYard	Indeno[1,2,3-c,d]pyrene	4/4	3.7E-01	3.7E-01	9.8E-02	1.5E-01	1.8E-01	1.3E-01	3.3E-01	5.8E-01	3.7E-01
AOI 5	Soil OnYard	Lead	3/3	1.7E+02	1.7E+02	2.5E+01	7.7E+01	1.0E+02	7.4E+01	2.3E+02	1.5E+06	1.0E+02
AOI 5	Soil OnYard	Mercury	3/3	1.6E-01	1.6E-01	5.1E-02	8.7E-02	9.7E-02	5.5E-02	1.9E-01	2.3E+00	1.6E-01
AOI 5	Soil OnYard	n-Nitrosodipropylamine	0/4	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
AOI 5	Soil OnYard	Selenium	2/3	4.1E-01	4.1E-01	4.7E-02	1.6E-01	2.2E-01	1.8E-01	5.2E-01	7.4E+03	4.1E-01
AOI 8	Soil OnYard	Arsenic	2/3	1.3E+01	1.3E+01	2.5E+00	5.7E+00	7.1E+00	5.4E+00	1.6E+01	3.5E+03	1.3E+01
AOI 8	Soil OnYard	Benzo[a]anthracene	1/3	6.5E+00	8.6E-02	8.6E-02	5.7E-01	2.3E+00	0.0E+00	2.3E+00	3.6E+18	8.6E-02
AOI 8	Soil OnYard	Benzo[a]pyrene	1/3	6.5E+00	9.3E-02	9.3E-02	5.9E-01	2.3E+00	0.0E+00	2.3E+00	1.9E+18	9.3E-02
AOI 8	Soil OnYard	Benzo[b]fluoranthene	1/3	6.5E+00	6.5E-02	6.5E-02	5.2E-01	2.3E+00	0.0E+00	2.3E+00	2.1E+24	6.5E-02
AOI 8	Soil OnYard	Benzo[k]fluoranthene	1/3	6.5E+00	8.3E-02	8.3E-02	5.7E-01	2.3E+00	0.0E+00	2.3E+00	4.9E+18	8.3E-02
AOI 8	Soil OnYard	Chromium	3/3	8.4E+00	8.4E+00	2.0E+00	4.4E+00	5.2E+00	3.2E+00	1.1E+01	6.3E+02	8.4E+00
AOI 8	Soil OnYard	Chrysene	1/3	6.5E+00	1.1E-01	1.1E-01	6.2E-01	2.3E+00	0.0E+00	2.3E+00	4.6E+17	1.1E-01
AOI 8	Soil OnYard	Dibenz[a,h]anthracene	0/3	6.5E+00	0.0E+00	1.9E-01	7.4E-01	2.3E+00	3.6E+00	8.4E+00	8.7E+15	2.3E+00
AOI 8	Soil OnYard	Indeno[1,2,3-c,d]pyrene	1/3	6.5E+00	6.7E-02	6.7E-02	5.3E-01	2.3E+00	0.0E+00	2.3E+00	1.5E+24	6.7E-02
AOI 8	Soil OnYard	Lead	3/3	1.2E+02	1.2E+02	1.8E+01	4.1E+01	5.6E+01	5.6E+01	1.5E+02	5.4E+05	5.6E+01
AOI 8	Soil OnYard	Mercury	2/3	1.1E-01	1.1E-01	2.0E-02	4.9E-02	6.1E-02	4.6E-02	1.4E-01	8.4E+01	1.1E-01
AOI 8	Soil OnYard	n-Nitrosodipropylamine	0/3	6.5E+00	0.0E+00	1.9E-01	7.4E-01	2.3E+00	3.6E+00	8.4E+00	8.7E+15	2.3E+00
AOI 8	Soil OnYard	Selenium	0/3	1.0E+01	0.0E+00	2.5E+00	4.0E+00	5.0E+00	4.3E+00	1.2E+01	2.0E+03	5.0E+00
AOI 9	Soil OnYard	Arsenic	3/3	5.5E+00	5.5E+00	2.6E+00	3.9E+00	4.1E+00	1.5E+00	6.5E+00	1.7E+01	5.5E+00
AOI 9	Soil OnYard	Benzo[a]anthracene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Benzo[a]pyrene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Benzo[b]fluoranthene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Benzo[k]fluoranthene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Chromium	3/3	1.2E+01	1.2E+01	6.2E+00	8.8E+00	9.2E+00	2.9E+00	1.4E+01	2.4E+01	1.2E+01
AOI 9	Soil OnYard	Chrysene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Dibenz[a,h]anthracene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Indeno[1,2,3-c,d]pyrene	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01
AOI 9	Soil OnYard	Lead	3/3	2.1E+02	2.1E+02	2.4E+01	5.4E+01	8.9E+01	1.1E+02	2.7E+02	1.0E+08	8.9E+01
AOI 9	Soil OnYard	Mercury	3/3	1.0E-01	1.0E-01	1.6E-02	3.7E-02	5.0E-02	4.5E-02	1.3E-01	1.5E+02	1.0E-01
AOI 9	Soil OnYard	n-Nitrosodipropylamine	0/3	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	2.9E-03	1.7E-01	1.7E-01	1.7E-01

Human Health Risk Assessment for the Ogden Railyard Site, Utah

					Results	}						
Location	Medium	Chemical	Detect	Max	Max	Min				UC	L95	EPC
Location	Medium	Chemicai	Frequency	Value	Hit	Value	GM	AM	Stdev	Norm	LogNorm	(mg/kg)
AOI 9	Soil OnYard	Selenium	1/3	3.0E-01	3.0E-01	4.6E-02	8.6E-02	1.3E-01	1.4E-01	3.7E-01	3.0E+03	3.0E-01
AOI SPRR5	Soil OnYard	Arsenic	1/2	1.1E+01	1.1E+01	2.5E+00	5.2E+00	6.8E+00	6.0E+00	3.4E+01	7.9E+06	1.1E+01
AOI SPRR5	Soil OnYard	Benzo[a]anthracene	2/2	2.3E-01	2.3E-01	7.4E-02	1.3E-01	1.5E-01	1.1E-01	6.4E-01	7.7E+02	2.3E-01
AOI SPRR5	Soil OnYard	Benzo[a]pyrene	2/2	6.3E-01	6.3E-01	7.1E-02	2.1E-01	3.5E-01	4.0E-01	2.1E+00	9.6E+12	6.3E-01
AOI SPRR5	Soil OnYard	Benzo[b]fluoranthene	2/2	8.0E-01	8.0E-01	1.6E-01	3.6E-01	4.8E-01	4.5E-01	2.5E+00	8.1E+07	8.0E-01
AOI SPRR5	Soil OnYard	Benzo[k]fluoranthene	2/2	2.4E-01	2.4E-01	6.3E-02	1.2E-01	1.5E-01	1.3E-01	7.1E-01	1.3E+04	2.4E-01
AOI SPRR5	Soil OnYard	Chromium	2/2	1.6E+01	1.6E+01	1.1E+01	1.3E+01	1.4E+01	3.5E+00	2.9E+01	4.1E+01	1.6E+01
AOI SPRR5	Soil OnYard	Chrysene	2/2	8.5E-01	8.5E-01	1.4E-01	3.4E-01	5.0E-01	5.0E-01	2.7E+00	8.6E+08	8.5E-01
AOI SPRR5	Soil OnYard	Dibenz[a,h]anthracene	0/2	6.5E-01	0.0E+00	1.7E-01	3.3E-01	4.1E-01	3.4E-01	1.9E+00	1.6E+05	4.1E-01
AOI SPRR5	Soil OnYard	Indeno[1,2,3-c,d]pyrene	2/2	4.0E-01	4.0E-01	8.7E-02	1.9E-01	2.4E-01	2.2E-01	1.2E+00	4.3E+05	4.0E-01
AOI SPRR5	Soil OnYard	Lead	2/2	2.5E+02	2.5E+02	3.0E+01	8.7E+01	1.4E+02	1.6E+02	8.3E+02	1.5E+15	1.4E+02
AOI SPRR5	Soil OnYard	Mercury	1/2	8.5E-02	8.5E-02	2.0E-02	4.1E-02	5.3E-02	4.6E-02	2.6E-01	4.4E+04	8.5E-02
AOI SPRR5	Soil OnYard	n-Nitrosodipropylamine	0/2	6.5E-01	0.0E+00	1.7E-01	3.3E-01	4.1E-01	3.4E-01	1.9E+00	1.6E+05	4.1E-01
AOI SPRR5	Soil OnYard	Selenium	0/2	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00
Other - Onyar	Soil OnYard	Arsenic	3/4	6.8E+01	6.8E+01	2.5E+00	1.5E+01	3.1E+01	3.2E+01	6.9E+01	4.2E+04	6.8E+01
Other - Onyai	Soil OnYard	Benzo[a]anthracene	3/4	4.4E-01	4.4E-01	1.1E-01	2.0E-01	2.3E-01	1.5E-01	4.0E-01	7.1E-01	4.4E-01
Other - Onyar	Soil OnYard	Benzo[a]pyrene	3/4	2.1E-01	2.1E-01	9.4E-02	1.4E-01	1.4E-01	5.3E-02	2.1E-01	2.6E-01	2.1E-01
Other - Onyai	Soil OnYard	Benzo[b]fluoranthene	3/4	8.0E-01	8.0E-01	1.3E-01	2.7E-01	3.5E-01	3.1E-01	7.2E-01	2.6E+00	8.0E-01
Other - Onyar	Soil OnYard	Benzo[k]fluoranthene	3/4	2.4E-01	2.4E-01	4.6E-02	1.2E-01	1.4E-01	8.4E-02	2.4E-01	6.8E-01	2.4E-01
Other - Onyai	Soil OnYard	Chromium	4/4	1.0E+01	1.0E+01	4.5E+00	6.6E+00	6.9E+00	2.4E+00	9.8E+00	1.2E+01	1.0E+01
Other - Onyar	Soil OnYard	Chrysene	3/4	6.2E-01	6.2E-01	1.7E-01	2.9E-01	3.3E-01	2.2E-01	5.9E-01	1.2E+00	6.2E-01
Other - Onyar	Soil OnYard	Dibenz[a,h]anthracene	2/4	1.7E-01	4.2E-02	3.5E-02	8.0E-02	1.0E-01	7.3E-02	1.9E-01	8.3E-01	4.2E-02
Other - Onyar	Soil OnYard	Indeno[1,2,3-c,d]pyrene	3/4	2.0E-01	2.0E-01	1.0E-01	1.4E-01	1.4E-01	4.7E-02	2.0E-01	2.3E-01	2.0E-01
Other - Onyar	Soil OnYard	Lead	4/4	8.6E+02	8.6E+02	1.2E+01	6.0E+01	2.4E+02	4.2E+02	7.3E+02	9.9E+06	2.4E+02
Other - Onyar	Soil OnYard	Mercury	2/4	2.6E-01	2.6E-01	2.0E-02	6.8E-02	1.3E-01	1.2E-01	2.7E-01	6.0E+01	2.6E-01
Other - Onyar	Soil OnYard	n-Nitrosodipropylamine	0/4	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01	0.0E+00	1.7E-01	1.7E-01	1.7E-01
Other - Onyar	Soil OnYard	Selenium	0/4	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00	0.0E+00	2.5E+00	2.5E+00	2.5E+00



APPENDIX E DETAILED CALCULATIONS OF EXPOSURE AND RISK

- ON-YARD WORKER
- RESIDENT
- RECREATIONAL VISITOR



ON-YARD WORKER

- E.1 INGESTION OF SURFACE SOIL
- **E.2 INGESTION OF GROUNDWATER**
- E.3 INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR
- **E.4 SOIL GAS INTRUSION**



APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum	puons				
AOI	Chemical	Csoil	No	ncancer Risk		C	ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 1	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	2.36E+01	4.29E-07	3.00E-04	3E-02	3.06E-08	1.50E+00	1E-06
	Chromium	1.52E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper	1.32L+01	4.29E-07	4.00E-02	2L-03	3.06E-08		
	Lead	2.03E+02	4.29E-07 4.29E-07			3.06E-08		
				2.00E.02				
	Manganese	1.205.00	4.29E-07	2.00E-02	 2E.02	3.06E-08		
	Mercury	1.30E+00	4.29E-07	3.00E-04	2E-03	3.06E-08		
	Selenium	1.98E+00	4.29E-07	5.00E-03	2E-04	3.06E-08		
	Benzo[a]anthracene	7.00E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[a]pyrene	5.90E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	7.70E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	2.90E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E-02	6E-10
	Chrysene	1.00E+00	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-03	2E-10
	Indeno[1,2,3-c,d]pyrene	2.40E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	rry			Total	4E-02		Total	1E-06
				1000	.2 02		10.01	12 00
AOI 12	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	4.98E+00	4.29E-07	3.00E-04	7E-03	3.06E-08	1.50E+00	2E-07
	Chromium	9.12E+00	4.29E-07	3.00E-03	1E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	5.02E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.43E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	3.19E-01	4.29E-07	5.00E-03	3E-05	3.06E-08		
	Benzo[a]anthracene	1.20E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-01	3E-09
	Benzo[a]pyrene	8.20E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E+00	2E-08
	Benzo[b]fluoranthene	2.01E-01	4.29E-07	2.00E-02	4E-06	3.06E-08	7.30E-01	4E-09
	Benzo[k]fluoranthene	5.20E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-02	1E-10
	Chrysene	2.89E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E-03	6E-11
	Indeno[1,2,3-c,d]pyrene	7.20E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Dibenzo[a,h]anthracene	7.20L-02	4.29E-07	2.00E-02 2.00E-02	2L-00	3.06E-08	7.30E+00	
	n-Nitrosodipropylamine					3.06E-08		
	n-Nitrosodipropytamine	ND	4.29E-07	Total	 0E 02	3.00E-08	7.00E+00	
				Total	9E-03		Total	3E-07
AOI 13	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	ND	4.29E-07	3.00E-04		3.06E-08	1.50E+00	
	Chromium	1.50E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	3.60E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	ND	4.29E-07	3.00E-04		3.06E-08		
	Selenium	ND	4.29E-07 4.29E-07	5.00E-04 5.00E-03		3.06E-08		
	Benzo[a]anthracene		4.29E-07 4.29E-07	2.00E-03		3.06E-08	7.30E-01	
	Benzo[a]pyrene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	Benzo[b]fluoranthene		4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Benzo[k]fluoranthene		4.29E-07	2.00E-02		3.06E-08	7.30E-02	
	Chrysene		4.29E-07	2.00E-02		3.06E-08	7.30E-03	
	Indeno[1,2,3-c,d]pyrene		4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine		4.29E-07			3.06E-08	7.00E+00	
				Total	2E-03		Total	

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum	puons				
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 17	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.10E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	5E-07
	Chromium	1.90E+01	4.29E-07	3.00E-03	3E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	2.03E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	9.50E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene	3.00E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E-01	7E-09
	Benzo[a]pyrene	3.30E-01	4.29E-07	2.00E-02	7E-06	3.06E-08	7.30E+00	7E-08
	Benzo[b]fluoranthene	3.10E-01	4.29E-07	2.00E-02	7E-06	3.06E-08	7.30E-01	7E-09
	Benzo[k]fluoranthene	3.40E-01	4.29E-07	2.00E-02	7E-06	3.06E-08	7.30E-02	8E-10
	Chrysene	4.20E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-03	9E-11
	Indeno[1,2,3-c,d]pyrene	2.50E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	6E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	2E-02		Total	6E-07
A OT 10	A.1 .		4.20E.07	1.005+00		2.00E.00		
AOI 18	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony Arsenic	9.57E+00	4.29E-07 4.29E-07	4.00E-04	 1E 02	3.06E-08 3.06E-08	1.50E+00	 4E 07
	Chromium	8.57E+00	4.29E-07 4.29E-07	3.00E-04 3.00E-03	1E-02 2E-03	3.06E-08	1.50E+00 	4E-07
	Copper	1.31E+01 	4.29E-07 4.29E-07	4.00E-03	2E-03	3.06E-08		
	Lead	2.16E+02	4.29E-07 4.29E-07	4.00E-02		3.06E-08		
	Manganese	2.10L+02	4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.68E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	5.36E-01	4.29E-07	5.00E-03	5E-05	3.06E-08		
	Benzo[a]anthracene	4.30E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-01	1E-08
	Benzo[a]pyrene	4.90E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	3.70E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-01	8E-09
	Benzo[k]fluoranthene	4.10E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-02	9E-10
	Chrysene	5.00E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-03	1E-10
	Indeno[1,2,3-c,d]pyrene	3.90E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-01	9E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	1E-02		Total	5E-07
. 01.10	.1		4.205.05	1.005.00		2.00E.00		
AOI 19	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony	4.56E+00	4.29E-07	4.00E-04	 7E 02	3.06E-08	1.50E+00	2E 07
	Arsenic Chromium	4.56E+00	4.29E-07	3.00E-04	7E-03	3.06E-08	1.50E+00	2E-07
	Copper	1.35E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Lead	 1.15E+02	4.29E-07 4.29E-07	4.00E-02		3.06E-08 3.06E-08		
		1.13E⊤02 	4.29E-07 4.29E-07	 2.00E-02				
	Manganese Mercury	2.13E-01	4.29E-07 4.29E-07	3.00E-02	3E-04	3.06E-08 3.06E-08		
	Selenium	1.36E-01	4.29E-07 4.29E-07	5.00E-04 5.00E-03	1E-05	3.06E-08		
	Benzo[a]anthracene	1.40E+01	4.29E-07 4.29E-07	2.00E-03	3E-04	3.06E-08	7.30E-01	3E-07
	Benzo[a]pyrene	2.00E+01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4E-04	3.06E-08	7.30E+00	4E-06
	Benzo[b]fluoranthene	1.70E+01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4E-04 4E-04	3.06E-08	7.30E+00	4E-00
	Benzo[k]fluoranthene	1.70E+01 1.50E+01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	3E-04	3.06E-08	7.30E-01 7.30E-02	3E-08
	Chrysene	2.00E+01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4E-04	3.06E-08	7.30E-02 7.30E-03	4E-09
	Indeno[1,2,3-c,d]pyrene	1.80E+01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4E-04	3.06E-08	7.30E-03 7.30E-01	4E-07
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	rr-		/	Total	1E-02		Total	6E-06
				- 01411	02		. 5001	02 00

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum	puons				
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 2	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.53E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	7E-07
	Chromium	3.89E+01	4.29E-07	3.00E-03	6E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	9.13E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	6.66E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	7.06E-01	4.29E-07	5.00E-03	6E-05	3.06E-08		
	Benzo[a]anthracene	6.90E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	2E-08
	Benzo[a]pyrene	6.20E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	1.00E+00	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	6.90E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-02	2E-09
	Chrysene	1.30E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene	3.90E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-01	9E-09
	Dibenzo[a,h]anthracene	J./OL-01	4.29E-07	2.00E-02 2.00E-02		3.06E-08	7.30E+00)L-0)
	n-Nitrosodipropylamine	ND	4.29E-07 4.29E-07	2.00E-02 		3.06E-08	7.00E+00	
	n-ivitiosodipropyramine	ND	4.29E-07	Total	3E-02	3.00E-08	Total	9E-07
				Total	3E-02		Total	9L-07
AOI 20	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	8.60E+00	4.29E-07	3.00E-04	1E-02	3.06E-08	1.50E+00	4E-07
	Chromium	2.10E+01	4.29E-07	3.00E-03	3E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	9.97E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	7.80E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	7.70E+00	4.29E-07	5.00E-03	7E-04	3.06E-08		
	Benzo[a]anthracene	4.50E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-01	1E-09
	Benzo[a]pyrene	3.90E-02	4.29E-07	2.00E-02	8E-07	3.06E-08	7.30E+00	9E-09
	Benzo[b]fluoranthene	9.50E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Benzo[k]fluoranthene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-02	
	Chrysene	1.10E-01	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-03	2E-11
	Indeno[1,2,3-c,d]pyrene	4.30E-02	4.29E-07	2.00E-02	9E-07	3.06E-08	7.30E-01	1E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	ii iviiiosodipropyidiiiiie	ND	4.27L 07	Total	2E-02	3.00E 00	Total	4E-07
				10001	26 02		Total	TL 07
.OI 21	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	4.50E+02	4.29E-07	3.00E-04	6E-01	3.06E-08	1.50E+00	2E-05
	Chromium	1.38E+03	4.29E-07	3.00E-03	2E-01	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	6.34E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	4.05E+00	4.29E-07	3.00E-04	6E-03	3.06E-08		
	Selenium	7.70E+02	4.29E-07	5.00E-03	7E-02	3.06E-08		
	Benzo[a]anthracene	2.90E+00	4.29E-07	2.00E-02	6E-05	3.06E-08	7.30E-01	6E-08
	Benzo[a]pyrene	2.00E+00	4.29E-07	2.00E-02	4E-05	3.06E-08	7.30E+00	4E-07
	Benzo[b]fluoranthene	2.10E+00	4.29E-07	2.00E-02	5E-05	3.06E-08	7.30E-01	5E-08
	Benzo[k]fluoranthene	2.60E+00	4.29E-07	2.00E-02	6E-05	3.06E-08	7.30E-01 7.30E-02	6E-09
	Chrysene	3.80E+00	4.29E-07 4.29E-07	2.00E-02 2.00E-02	8E-05	3.06E-08	7.30E-02 7.30E-03	8E-10
	Indeno[1,2,3-c,d]pyrene	9.80E-00	4.29E-07 4.29E-07	2.00E-02 2.00E-02	2E-05	3.06E-08	7.30E-03 7.30E-01	2E-08
	Dibenzo[a,h]anthracene	9.00E-01 	4.29E-07 4.29E-07	2.00E-02 2.00E-02	2E-03	3.06E-08	7.30E+00	2E-06
	n-Nitrosodipropylamine	ND	4.29E-07 4.29E-07	2.00E-02 		3.06E-08	7.30E+00 7.00E+00	
	n-muosoaipiopyiaiiille	ND	7.47E-0/			3.00E-08		
				Total	9E-01		Total	2E-05

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

			i CIE Assum					
AOI	Chemical	Csoil		ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 22A	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.39E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	6E-07
	Chromium	3.30E+02	4.29E-07	3.00E-03	5E-02	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	2.78E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	2.90E-01	4.29E-07	3.00E-04	4E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene	1.30E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	3E-08
	Benzo[a]pyrene	8.70E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E+00	2E-07
	Benzo[b]fluoranthene	1.60E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	4E-08
	Benzo[k]fluoranthene	4.57E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-02	1E-09
	Chrysene	1.50E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene	3.50E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-01	8E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	7E-02		Total	9E-07
OI 22B	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	2.40E+01	4.29E-07	3.00E-04	3E-02	3.06E-08	1.50E+00	1E-06
	Chromium	8.70E+01	4.29E-07	3.00E-03	1E-02	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	1.67E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.57E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	1.40E+01	4.29E-07	5.00E-03	1E-03	3.06E-08	 	
	Benzo[a]anthracene	2.14E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Benzo[a]pyrene	1.95E-01	4.29E-07	2.00E-02	4E-06	3.06E-08	7.30E+00	4E-08
	Benzo[b]fluoranthene	4.68E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	1E-08
	Benzo[k]fluoranthene	1.20E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-02	3E-10
	Chrysene	4.64E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-03	1E-10
	Indeno[1,2,3-c,d]pyrene	1.40E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-01	3E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07	 T-4-1	 5E 02	3.06E-08	7.00E+00	 1F 06
				Total	5E-02		Total	1E-06
AOI 23	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.10E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	5E-07
	Chromium	1.60E+02	4.29E-07	3.00E-03	2E-02	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	7.02E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	9.60E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Benzo[a]pyrene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	Benzo[b]fluoranthene		4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Benzo[k]fluoranthene		4.29E-07	2.00E-02		3.06E-08	7.30E-02	
	Chrysene		4.29E-07	2.00E-02		3.06E-08	7.30E-03	
	Indeno[1,2,3-c,d]pyrene		4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine		4.29E-07			3.06E-08	7.00E+00	
				Total	4E-02		Total	5E-07

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum	_				
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 26	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	5.46E+00	4.29E-07	3.00E-04	8E-03	3.06E-08	1.50E+00	3E-07
	Chromium	7.61E+00	4.29E-07	3.00E-03	1E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	3.78E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	2.20E-01	4.29E-07	3.00E-04	3E-04	3.06E-08		
	Selenium	3.29E-01	4.29E-07	5.00E-03	3E-05	3.06E-08		
	Benzo[a]anthracene	8.00E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Benzo[a]pyrene	9.30E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E+00	2E-08
	Benzo[b]fluoranthene	7.20E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Benzo[k]fluoranthene	5.90E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-02	1E-10
	Chrysene	1.50E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-02	3E-11
	Indeno[1,2,3-c,d]pyrene	4.50E-01	4.29E-07 4.29E-07	2.00E-02 2.00E-02	1E-06	3.06E-08	7.30E-03 7.30E-01	1E-09
	Dibenzo[a,h]anthracene	4.30E-02	4.29E-07 4.29E-07	2.00E-02 2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07 4.29E-07	2.00E-02 		3.06E-08	7.00E+00	
	n-Nitrosodipropyramine	ND	4.29E-07	Total	9E-03	3.00E-08	Total	3E-07
				Total	9E-03		Total	3E-0/
AOI 27	Aluminum		4.29E-07	1.00E+00		3.06E-08		
10127	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.59E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	7E-07
	Chromium	1.52E+01	4.29E-07	3.00E-03	2E-03	3.06E-08	1.50E+00	,E 0,
	Copper	1.32E · 01	4.29E-07	4.00E-02		3.06E-08		
	Lead	6.09E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.30E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	3.91E+00	4.29E-07	5.00E-03	3E-04	3.06E-08		
	Benzo[a]anthracene	3.91E+00 3.01E+02	4.29E-07 4.29E-07	2.00E-02	6E-03	3.06E-08	7.30E-01	7E-06
	Benzo[a]pyrene	1.99E+02	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4E-03	3.06E-08	7.30E+00	4E-05
	Benzo[b]fluoranthene	2.56E+02	4.29E-07 4.29E-07					6E-06
				2.00E-02	5E-03	3.06E-08	7.30E-01	
	Benzo[k]fluoranthene	1.89E+02	4.29E-07	2.00E-02	4E-03	3.06E-08	7.30E-02	4E-07
	Chrysene	8.95E+02	4.29E-07	2.00E-02	2E-02	3.06E-08	7.30E-03	2E-07
	Indeno[1,2,3-c,d]pyrene	2.20E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07	 T-4-1	 (E 02	3.06E-08	7.00E+00	 (E 05
				Total	6E-02		Total	6E-05
OI 30	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	8.78E+01	4.29E-07	3.00E-04	1E-01	3.06E-08	1.50E+00	4E-06
	Chromium	1.70E+03	4.29E-07	3.00E-03	2E-01	3.06E-08		
	Copper	1.70E+03	4.29E-07	4.00E-02	2L-01 	3.06E-08		
	Lead	3.58E+02	4.29E-07 4.29E-07	4.00E-02		3.06E-08		
		3.36E⊤02 	4.29E-07 4.29E-07	2.00E-02				
	Manganese	8.03E-01		3.00E-02	1E-03	3.06E-08		
	Mercury Selenium		4.29E-07			3.06E-08		
		1.31E+02	4.29E-07	5.00E-03	1E-02	3.06E-08	7 20E 01	 2E 09
	Benzo[a]anthracene	1.10E+00	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[a]pyrene	7.59E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E+00	2E-07
	Benzo[b]fluoranthene	2.41E+00	4.29E-07	2.00E-02	5E-05	3.06E-08	7.30E-01	5E-08
	Benzo[k]fluoranthene	4.01E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-02	9E-10
	Chrysene	1.50E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene	4.48E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	1E-08
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	4E-01		Total	4E-06

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum					
AOI	Chemical	Csoil	No	ncancer Risk		C	ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 32	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.36E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	6E-07
	Chromium	3.16E+01	4.29E-07	3.00E-03	5E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	6.71E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.56E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	6.62E-01	4.29E-07	5.00E-03	6E-05	3.06E-08		
	Benzo[a]anthracene	1.90E-01	4.29E-07	2.00E-02	4E-06	3.06E-08	7.30E-01	4E-09
	Benzo[a]pyrene	1.50E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E+00	3E-08
	Benzo[b]fluoranthene	2.90E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E-01	6E-09
	Benzo[k]fluoranthene	1.20E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-02	3E-10
	Chrysene	3.70E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-03	8E-11
	Indeno[1,2,3-c,d]pyrene	9.80E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Dibenzo[a,h]anthracene	7.00E 02	4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	ii i i i i i i i i i i i i i i i i i i	ND	4.2)E 07	Total	2E-02	3.00E 00	Total	7E-07
				10141	25 02		Total	72 07
OI 33	Aluminum	8.36E+03	4.29E-07	1.00E+00	4E-03	3.06E-08		
	Antimony	ND	4.29E-07	4.00E-04		3.06E-08		
	Arsenic	9.16E+00	4.29E-07	3.00E-04	1E-02	3.06E-08	1.50E+00	4E-07
	Chromium	1.46E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper	4.80E+01	4.29E-07	4.00E-02	5E-04	3.06E-08		
	Lead	6.79E+01	4.29E-07			3.06E-08		
	Manganese	3.00E+02	4.29E-07	2.00E-02	6E-03	3.06E-08		
	Mercury	9.98E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	1.00E+00	4.29E-07	5.00E-03	9E-05	3.06E-08		
	Benzo[a]anthracene	6.23E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	1E-08
	Benzo[a]pyrene	9.28E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E+00	2E-07
	Benzo[b]fluoranthene	7.70E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	7.14E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-02	2E-09
	Chrysene	1.14E+00	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene	7.15E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	3E-02		Total	7E-07
OI 34	Aluminum	1.54E+05	4.29E-07	1.00E+00	7E-02	3.06E-08		
101 34	Antimony	4.39E+01	4.29E-07 4.29E-07	4.00E-04	5E-02	3.06E-08		
	Arsenic	2.00E+01	4.29E-07 4.29E-07	3.00E-04	3E-02 3E-02	3.06E-08	1.50E+00	9E-07
	Chromium	1.24E+02	4.29E-07 4.29E-07	3.00E-04 3.00E-03	2E-02	3.06E-08		
	Copper	2.67E+02	4.29E-07 4.29E-07	4.00E-02	3E-02	3.06E-08		
	Lead	2.98E+02	4.29E-07 4.29E-07			3.06E-08		
				 2.00E.02	 0E 02			
	Manganese	3.98E+02	4.29E-07	2.00E-02	9E-03	3.06E-08		
	Mercury	1.57E+02	4.29E-07	3.00E-04	2E-01	3.06E-08		
	Selenium Denga [a] anthropon a	8.61E+00	4.29E-07	5.00E-03	7E-04	3.06E-08	7 20E 01	 2E 00
	Benzo[a]anthracene	1.20E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-01	3E-09
	Benzo[a]pyrene	1.40E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E+00	3E-08
	Benzo[b]fluoranthene	2.10E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Benzo[k]fluoranthene	1.70E-01	4.29E-07	2.00E-02	4E-06	3.06E-08	7.30E-02	4E-10
	Chrysene	1.80E+00	4.29E-07	2.00E-02	4E-05	3.06E-08	7.30E-03	4E-10
	Indeno[1,2,3-c,d]pyrene	1.50E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-01	3E-09
	Dibenzo[a,h]anthracene	1.205.00	4.29E-07	2.00E-02		3.06E-08	7.30E+00	 2E.07
	n-Nitrosodipropylamine	1.30E+00	4.29E-07	 1	 4E-01	3.06E-08	7.00E+00	3E-07
				Total	4E-01		Total	1E-06

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum					
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 35	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	3.51E+01	4.29E-07	3.00E-04	5E-02	3.06E-08	1.50E+00	2E-06
	Chromium	4.17E+01	4.29E-07	3.00E-03	6E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	8.20E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.02E-01	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	5.70E+00	4.29E-07	5.00E-03	5E-04	3.06E-08		
	Benzo[a]anthracene	5.60E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	1E-08
	Benzo[a]pyrene	5.10E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	3.40E-01	4.29E-07	2.00E-02	7E-06	3.06E-08	7.30E-01	8E-09
	Benzo[k]fluoranthene	6.00E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-02	1E-09
	Chrysene	8.80E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-03	2E-10
	Indeno[1,2,3-c,d]pyrene	4.90E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-01	1E-08
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	6E-02		Total	2E-06
. 01.27	.1 .	7.06E+02	4.205.05	1.005.00	25.02	2.00E.00		
AOI 36	Aluminum	7.86E+03	4.29E-07	1.00E+00	3E-03	3.06E-08		
	Antimony	6.09E+00	4.29E-07	4.00E-04	7E-03	3.06E-08	1.505+00	 7E 06
	Arsenic	1.60E+02	4.29E-07	3.00E-04	2E-01	3.06E-08	1.50E+00	7E-06
	Chromium	4.91E+01 2.30E+04	4.29E-07 4.29E-07	3.00E-03 4.00E-02	7E-03 2E-01	3.06E-08 3.06E-08		
	Copper Lead	7.10E+02	4.29E-07 4.29E-07	4.00E-02	2E-01 	3.06E-08		
	Manganese	1.00E+03	4.29E-07 4.29E-07	2.00E-02	2E-02	3.06E-08		
	Mercury	9.56E-01	4.29E-07 4.29E-07	3.00E-04	1E-03	3.06E-08		
	Selenium	4.43E+01	4.29E-07	5.00E-04 5.00E-03	4E-03	3.06E-08		
	Benzo[a]anthracene	1.19E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	3E-08
	Benzo[a]pyrene	1.33E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E+00	3E-07
	Benzo[b]fluoranthene	1.20E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	3E-08
	Benzo[k]fluoranthene	1.22E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-02	3E-09
	Chrysene	1.51E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene	1.27E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	3E-08
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	5E-01		Total	8E-06
AOI 37	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04	 (T. 02	3.06E-08	4.505.00	
	Arsenic	4.32E+00	4.29E-07	3.00E-04	6E-03	3.06E-08	1.50E+00	2E-07
	Chromium	1.28E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper	1.055.00	4.29E-07	4.00E-02		3.06E-08		
	Lead	1.37E+02	4.29E-07	 2 00E 02		3.06E-08		
	Manganese	 1 22E 01	4.29E-07	2.00E-02	 2E.04	3.06E-08		
	Mercury	1.22E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	2.01E-01	4.29E-07	5.00E-03	2E-05	3.06E-08	 7.20F.01	 5E 10
	Benzo[a]anthracene	2.30E-02	4.29E-07	2.00E-02	5E-07	3.06E-08	7.30E-01	5E-10
	Benzo[a]pyrene	ND 6.40E.02	4.29E-07	2.00E-02	 1E 06	3.06E-08	7.30E+00	 1E 00
	Benzo[b]fluoranthene	6.40E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-01	1E-09
	Benzo[k]fluoranthene	2.40E-02	4.29E-07	2.00E-02	5E-07	3.06E-08	7.30E-02	5E-11
	Chrysene	1.10E-01	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-03	2E-11
	Indeno[1,2,3-c,d]pyrene Dibenzo[a,h]anthracene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	n-Nitrosodipropylamine	 ND	4.29E-07 4.29E-07	2.00E-02		3.06E-08 3.06E-08	7.30E+00 7.00E+00	
	ii i iii osodipi opyiaiiiile	MD	T.47E-07	Total	8E-03	3.00E-00	Total	2E-07
				ı Olai	OL-03		ıotai	ZE-0/

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum					
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
4OI 38	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	7.90E+00	4.29E-07	3.00E-04	1E-02	3.06E-08	1.50E+00	4E-07
	Chromium	1.76E+01	4.29E-07	3.00E-03	3E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	2.21E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	3.76E-01	4.29E-07	3.00E-04	5E-04	3.06E-08		
	Selenium	8.40E+00	4.29E-07	5.00E-03	7E-04	3.06E-08		
	Benzo[a]anthracene	2.10E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Benzo[a]pyrene	3.00E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E+00	7E-08
	Benzo[b]fluoranthene	3.00E-01	4.29E-07	2.00E-02	6E-06	3.06E-08	7.30E-01	7E-09
	Benzo[k]fluoranthene	2.30E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-02	5E-10
	Chrysene	4.10E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-03	9E-11
	Indeno[1,2,3-c,d]pyrene	1.60E-01	4.29E-07	2.00E-02	3E-06	3.06E-08	7.30E-01	4E-09
	Dibenzo[a,h]anthracene	1.00L-01	4.29E-07	2.00E-02 2.00E-02	JL-00	3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07	2.00L-02		3.06E-08	7.00E+00	
	n-ividosodipropyramine	ND	4.29E-07	Total	2E-02	3.00E-08	Total	4E-07
				Total	2L-02		Total	TL-U/
AOI 5	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	6.62E+00	4.29E-07	3.00E-04	9E-03	3.06E-08	1.50E+00	3E-07
	Chromium	1.13E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	1.02E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.58E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	4.07E-01	4.29E-07	5.00E-03	3E-05	3.06E-08		
	Benzo[a]anthracene	7.70E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[a]pyrene	4.60E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	1.60E+00	4.29E-07	2.00E-02	3E-05	3.06E-08	7.30E-01	4E-08
	Benzo[k]fluoranthene	4.60E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-02	1E-09
	Chrysene	2.00E+00	4.29E-07	2.00E-02	4E-05	3.06E-08	7.30E-03	4E-10
	Indeno[1,2,3-c,d]pyrene	3.70E-01	4.29E-07	2.00E-02	8E-06	3.06E-08	7.30E-01	8E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	1 17			Total	1E-02		Total	5E-07
0.10	A 1		4.20E.07	1.00E±00		2.06E.09		
AOI 8	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony	1 20E+01	4.29E-07	4.00E-04	 2E 02	3.06E-08	1.50E±00	 6E 07
	Arsenic	1.30E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	6E-07
	Chromium	8.40E+00	4.29E-07	3.00E-03	1E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	5.63E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.10E-01	4.29E-07	3.00E-04	2E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene	8.60E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-01	2E-09
	Benzo[a]pyrene	9.30E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E+00	2E-08
	Benzo[b]fluoranthene	6.50E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-01	1E-09
	Benzo[k]fluoranthene	8.30E-02	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-02	2E-10
	Chrysene	1.10E-01	4.29E-07	2.00E-02	2E-06	3.06E-08	7.30E-03	2E-11
	Indeno[1,2,3-c,d]pyrene	6.70E-02	4.29E-07	2.00E-02	1E-06	3.06E-08	7.30E-01	1E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	2E-02		Total	6E-07

APPENDIX E.1 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM SURFACE SOIL Based on CTE Assumptions

		Dasea or	i CIE Assum	puons				
AOI	Chemical	Csoil	No	ncancer Risk			ancer Risk	
		(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 9	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	5.50E+00	4.29E-07	3.00E-04	8E-03	3.06E-08	1.50E+00	3E-07
	Chromium	1.20E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	8.91E+01	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	1.01E-01	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	2.96E-01	4.29E-07	5.00E-03	3E-05	3.06E-08		
	Benzo[a]anthracene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Benzo[a]pyrene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	Benzo[b]fluoranthene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Benzo[k]fluoranthene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-02	
	Chrysene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-03	
	Indeno[1,2,3-c,d]pyrene	ND	4.29E-07	2.00E-02		3.06E-08	7.30E-01	
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
	1 17			Total	1E-02		Total	3E-07
AOI SPRR5	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	1.10E+01	4.29E-07	3.00E-04	2E-02	3.06E-08	1.50E+00	5E-07
	Chromium	1.60E+01	4.29E-07	3.00E-03	2E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	1.40E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	8.50E-02	4.29E-07	3.00E-04	1E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene	2.30E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-09
	Benzo[a]pyrene	6.30E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	8.00E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	2.40E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-02	5E-10
	Chrysene	8.50E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-03	2E-10
	Indeno[1,2,3-c,d]pyrene	4.00E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-01	9E-09
	Dibenzo[a,h]anthracene		4.29E-07	2.00E-02		3.06E-08	7.30E+00	
	n-Nitrosodipropylamine	ND	4.29E-07			3.06E-08	7.00E+00	
				Total	2E-02		Total	7E-07
ther - Onyard	Aluminum		4.29E-07	1.00E+00		3.06E-08		
	Antimony		4.29E-07	4.00E-04		3.06E-08		
	Arsenic	6.80E+01	4.29E-07	3.00E-04	1E-01	3.06E-08	1.50E+00	3E-06
	Chromium	1.00E+01	4.29E-07	3.00E-03	1E-03	3.06E-08		
	Copper		4.29E-07	4.00E-02		3.06E-08		
	Lead	2.38E+02	4.29E-07			3.06E-08		
	Manganese		4.29E-07	2.00E-02		3.06E-08		
	Mercury	2.60E-01	4.29E-07	3.00E-04	4E-04	3.06E-08		
	Selenium	ND	4.29E-07	5.00E-03		3.06E-08		
	Benzo[a]anthracene	4.40E-01	4.29E-07	2.00E-02	9E-06	3.06E-08	7.30E-01	1E-08
	Benzo[a]pyrene	2.10E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E+00	5E-08
	Benzo[b]fluoranthene	8.00E-01	4.29E-07	2.00E-02	2E-05	3.06E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	2.40E-01	4.29E-07	2.00E-02	5E-06	3.06E-08	7.30E-01	5E-10
	Chrysene	6.20E-01	4.29E-07	2.00E-02	1E-05	3.06E-08	7.30E-02	1E-10
	Indeno[1,2,3-c,d]pyrene	2.00E-01	4.29E-07	2.00E-02 2.00E-02	4E-06	3.06E-08	7.30E-03	4E-09
	Dibenzo[a,h]anthracene	2.00E-01 	4.29E-07 4.29E-07	2.00E-02 2.00E-02	4L-00	3.06E-08	7.30E+00	4L-07
	n-Nitrosodipropylamine	ND	4.29E-07 4.29E-07	2.00E-02 		3.06E-08	7.00E+00	
	The obodipropy annine	1112	1.2712-07	Total	1E-01	J.00L-00	Total	3E-06
				1 Otal	115-01		ıotai	3E-00

		Base	d on RME 2	Assumptions					
AOI	Chemical	CAS Number	Csoil	No	ncancer Risk		C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 1	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	2.36E+01	9.78E-07	3.00E-04	8E-02	3.49E-07	1.50E+00	1E-05
	Chromium	18540299_VI	1.52E+01	9.78E-07	3.00E-03	5E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead		2.03E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		1.30E+00	9.78E-07	3.00E-04	4E-03	3.49E-07		
	Selenium		1.98E+00	9.78E-07	5.00E-03	4E-04	3.49E-07		
	Benzo[a]anthracene		7.00E-01	9.78E-07	2.00E-02	3E-05	3.49E-07	7.30E-01	2E-07
	Benzo[a]pyrene		5.90E-01	9.78E-07	2.00E-02	3E-05	3.49E-07	7.30E+00	2E-06
	Benzo[b]fluoranthene		7.70E-01	9.78E-07	2.00E-02	4E-05	3.49E-07	7.30E-01	2E-07
	Benzo[k]fluoranthene	207089	2.90E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	1E-05 5E-05	3.49E-07	7.30E-02	7E-09 3E-09
	Chrysene Indeno[1,2,3-c,d]pyrene		1.00E+00 2.40E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	3E-03 1E-05	3.49E-07 3.49E-07	7.30E-03 7.30E-01	5E-09 6E-08
	Dibenzo[a,h]anthracene	53703	2.40E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	1E-03	3.49E-07 3.49E-07	7.30E+00	0E-08
	n-Nitrosodipropylamine	621647	ND	9.78E-07 9.78E-07	2.00E-02 		3.49E-07 3.49E-07	7.00E+00	
	n-ivii osodipi opyianime	021047	ND	7.76L-07	Total	9E-02	J. T /L-0/	Total	1E-05
					Total)L-02		Total	1L-03
A OI 12	A 1	7420005		0.705.07	1.000+00		2.405.07		
AOI 12	Aluminum	7429905 7440360		9.78E-07 9.78E-07	1.00E+00 4.00E-04		3.49E-07 3.49E-07		
	Antimony Arsenic		4.98E+00	9.78E-07 9.78E-07	3.00E-04	2E-02	3.49E-07 3.49E-07	1.50E+00	3E-06
	Chromium	18540299_VI	9.12E+00	9.78E-07 9.78E-07	3.00E-04 3.00E-03	3E-03	3.49E-07 3.49E-07	1.30E±00	3E-00
	Copper	7440508	9.12E+00	9.78E-07 9.78E-07	4.00E-03	3E-03	3.49E-07 3.49E-07		
	Lead		5.02E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF	J.02E - 01	9.78E-07	2.00E-02		3.49E-07		
	Mercury		1.43E-01	9.78E-07	3.00E-04	5E-04	3.49E-07		
	Selenium		3.19E-01	9.78E-07	5.00E-03	6E-05	3.49E-07		
	Benzo[a]anthracene		1.20E-01	9.78E-07	2.00E-02	6E-06	3.49E-07	7.30E-01	3E-08
	Benzo[a]pyrene		8.20E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E+00	2E-07
	Benzo[b]fluoranthene		2.01E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	5E-08
	Benzo[k]fluoranthene	207089	5.20E-02	9.78E-07	2.00E-02	3E-06	3.49E-07	7.30E-02	1E-09
	Chrysene	218019	2.89E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-03	7E-10
	Indeno[1,2,3-c,d]pyrene	193395	7.20E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E-01	2E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	2E-02		Total	3E-06
AOI 13	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	ND	9.78E-07	3.00E-04		3.49E-07	1.50E+00	
	Chromium	18540299_VI	1.50E+01	9.78E-07	3.00E-03	5E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead		3.60E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	7439976	ND	9.78E-07	3.00E-04		3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07	7 20E 01	
	Benzo[a]anthracene	56553		9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Benzo[a]pyrene Benzo[b]fluoranthene	50328 205992		9.78E-07 9.78E-07	2.00E-02 2.00E-02		3.49E-07 3.49E-07	7.30E+00 7.30E-01	
	Benzo[k]fluoranthene	207089		9.78E-07 9.78E-07	2.00E-02 2.00E-02		3.49E-07 3.49E-07	7.30E-01 7.30E-02	
	Chrysene	218019		9.78E-07 9.78E-07	2.00E-02 2.00E-02		3.49E-07 3.49E-07	7.30E-02 7.30E-03	
	Indeno[1,2,3-c,d]pyrene	193395		9.78E-07 9.78E-07	2.00E-02 2.00E-02		3.49E-07 3.49E-07	7.30E-03 7.30E-01	
	Dibenzo[a,h]anthracene	53703		9.78E-07 9.78E-07	2.00E-02 2.00E-02		3.49E-07 3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647		9.78E-07	2.00L-02 		3.49E-07	7.00E+00	
		021017		52 07	Total	5E-03		Total	
					- 0 000	00		- 5001	

				Assumptions					
AOI	Chemical	CAS Number	Csoil	No	ncancer Risk		C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 17	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	1.10E+01	9.78E-07	3.00E-04	4E-02	3.49E-07	1.50E+00	6E-06
	Chromium	18540299_VI	1.90E+01	9.78E-07	3.00E-03	6E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	2.03E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		9.50E-02	9.78E-07	3.00E-04	3E-04	3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07		
	Benzo[a]anthracene		3.00E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	8E-08
	Benzo[a]pyrene	50328	3.30E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E+00	8E-07
	Benzo[b]fluoranthene	205992	3.10E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	8E-08
	Benzo[k]fluoranthene	207089	3.40E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-02	9E-09
	Chrysene	218019	4.20E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-03	1E-09
	Indeno[1,2,3-c,d]pyrene		2.50E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	6E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
	r				Total	4E-02		Total	7E-06
AOI 18	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		8.57E+00	9.78E-07	3.00E-04	3E-02	3.49E-07	1.50E+00	4E-06
	Chromium	18540299_VI	1.31E+01	9.78E-07	3.00E-03	4E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead		2.16E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		1.68E-01	9.78E-07	3.00E-04	5E-04	3.49E-07		
	Selenium	7782492		9.78E-07	5.00E-03	1E-04	3.49E-07		
	Benzo[a]anthracene	56553	4.30E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	1E-07
	Benzo[a]pyrene		4.90E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E+00	1E-06
	Benzo[b]fluoranthene		3.70E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	9E-08
	Benzo[k]fluoranthene	207089		9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-02	1E-08
	Chrysene		5.00E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-03	1E-09
	Indeno[1,2,3-c,d]pyrene		3.90E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	1E-07
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
	r P				Total	3E-02		Total	6E-06
AOI 19	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		4.56E+00	9.78E-07	3.00E-04	1E-02	3.49E-07	1.50E+00	2E-06
	Chromium	18540299_VI	1.35E+01	9.78E-07	3.00E-03	4E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	1.15E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		2.13E-01	9.78E-07	3.00E-04	7E-04	3.49E-07		
	Selenium	7782492	1.36E-01	9.78E-07	5.00E-03	3E-05	3.49E-07		
	Benzo[a]anthracene		1.40E+01	9.78E-07	2.00E-02	7E-04	3.49E-07	7.30E-01	4E-06
	Benzo[a]pyrene		2.00E+01	9.78E-07	2.00E-02	1E-03	3.49E-07	7.30E+00	5E-05
	Benzo[b]fluoranthene	205992	1.70E+01	9.78E-07	2.00E-02	8E-04	3.49E-07	7.30E-01	4E-06
	Benzo[k]fluoranthene	207089	1.50E+01	9.78E-07	2.00E-02	7E-04	3.49E-07	7.30E-02	4E-07
	Chrysene	218019	2.00E+01	9.78E-07	2.00E-02	1E-03	3.49E-07	7.30E-03	5E-08
	Indeno[1,2,3-c,d]pyrene	193395	1.80E+01	9.78E-07	2.00E-02	9E-04	3.49E-07	7.30E-01	5E-06
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	3E-02		Total	7E-05

AOI Chemical CAS Number Csoil Noncancer Risk Cancer Risk (mg/kg) HIFNC Oral RfD RiskNC HIFC Oral SF RiskC AOI 2 Aluminum 7429905 9.78E-07 1.00E+00 3.49E-07 --7440360 9.78E-07 4.00E-04 3.49E-07 Antimony Arsenic 7440382 1.53E+01 9.78E-07 3.00E-04 5E-02 3.49E-07 1.50E+00 8E-06 Chromium 18540299 VI 3.89E+01 9.78E-07 3.00E-03 1E-02 3.49E-07 Copper 7440508 9.78E-07 4.00E-02 3.49E-07 --Lead 7439921 9.13E+01 9.78E-07 3.49E-07 --Manganese 7439965 NF 9.78E-07 2.00E-02 3.49E-07 Mercury 7439976 6.66E-02 9.78E-07 3.00E-04 2E-04 3.49E-07 --Selenium 7782492 7.06E-01 9.78E-07 5.00E-03 1E-04 3.49E-07 Benzo[a]anthracene 56553 6.90E-01 9.78E-07 2.00E-02 3E-05 3.49E-07 7.30E-01 2E-07 Benzo[a]pyrene 50328 6.20E-01 9.78E-07 2.00E-02 3E-05 3.49E-07 7.30E+00 2E-06 Benzo[b]fluoranthene 205992 1.00E+00 9.78E-07 2.00E-02 5E-05 3.49E-07 7.30E-01 3E-07 Benzo[k]fluoranthene 207089 6.90E-01 9.78E-07 2.00E-02 3E-05 3.49E-07 7.30E-02 2E-08 Chrysene 218019 1.30E+00 2.00E-02 6E-05 3.49E-07 7.30E-03 3E-09 9.78E-07 Indeno[1,2,3-c,d]pyrene 193395 3.90E-01 9.78E-07 2.00E-02 2E-05 3.49E-07 7.30E-01 1E-07 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 n-Nitrosodipropylamine 621647 ND 9.78E-07 3.49E-07 7.00E+00 Total 6E-02 Total 1E-05 AOI 20 Aluminum 7429905 9.78E-07 1.00E+00 3.49E-07 --Antimony 7440360 9.78E-07 4.00E-04 3.49E-07 Arsenic 7440382 8.60E+00 9.78E-07 3.00E-04 3E-02 3.49E-07 1.50E+00 5E-06 Chromium 18540299_VI 2.10E+01 9.78E-07 3.00E-03 7E-03 3.49E-07 --Copper 7440508 9.78E-07 4.00E-02 3.49E-07 --Lead 7439921 9.97E+01 9.78E-07 3.49E-07 --Manganese 7439965 NF 2.00E-02 3.49E-07 9.78E-07 --Mercury 7439976 7.80E-02 3.00E-04 3E-04 3.49E-07 9.78E-07 Selenium 7782492 7.70E+00 5.00E-03 2E-03 3.49E-07 9.78E-07 Benzo[a]anthracene 56553 4.50E-02 2.00E-02 2E-06 3.49E-07 7.30E-01 1E-08 9.78E-07 Benzo[a]pyrene 50328 3.90E-02 9.78E-07 2.00E-02 2E-06 3.49E-07 7.30E+00 1E-07 Benzo[b]fluoranthene 205992 9.50E-02 9.78E-07 2.00E-02 5E-06 3.49E-07 7.30E-01 2E-08 Benzo[k]fluoranthene 207089 ND 9.78E-07 2.00E-02 3.49E-07 7.30E-02 Chrysene 218019 1.10E-01 9.78E-07 2.00E-02 5E-06 3.49E-07 7.30E-03 3E-10 Indeno[1,2,3-c,d]pyrene 193395 4.30E-02 9.78E-07 2.00E-02 2E-06 3.49E-07 7.30E-01 1E-08 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 ND n-Nitrosodipropylamine 621647 9.78E-07 3.49E-07 7.00E+00 Total 4E-02 Total 5E-06 AOI 21 Aluminum 7429905 9.78E-07 1.00E+00 3.49E-07 Antimony 7440360 9.78E-07 4.00E-04 3.49E-07 Arsenic 7440382 4.50E+02 9.78E-07 3.00E-04 1E+00 3.49E-07 1.50E+00 **2E-04** Chromium 18540299 VI 1.38E+03 9.78E-07 3.00E-03 5E-01 3.49E-07 Copper 7440508 4.00E-02 3.49E-07 9.78E-07 Lead 7439921 6.34E+02 9.78E-07 3.49E-07 Manganese 7439965 NF 9.78E-07 2.00E-02 3.49E-07 --Mercury 7439976 4.05E+00 9.78E-07 3.00E-04 1E-02 3.49E-07 --Selenium 7782492 7.70E+02 9.78E-07 5.00E-03 2E-01 3.49E-07 7E-07 Benzo[a]anthracene 56553 2.90E+00 9.78E-07 2.00E-02 1E-04 3.49E-07 7.30E-01 Benzo[a]pyrene 2.00E+00 1E-04 3.49E-07 5E-06 50328 9.78E-07 2.00E-02 7.30E+00 Benzo[b]fluoranthene 205992 2.10E+00 1E-04 3.49E-07 7.30E-01 5E-07 9.78E-07 2.00E-02 Benzo[k]fluoranthene 207089 2.60E+00 9.78E-07 2.00E-02 1E-04 3.49E-07 7.30E-02 7E-08 Chrysene 218019 3.80E+00 2.00E-02 2E-04 3.49E-07 7.30E-03 1E-08 9.78E-07 Indeno[1,2,3-c,d]pyrene 193395 9.80E-01 9.78E-07 2.00E-02 5E-05 3.49E-07 7.30E-01 2E-07 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 n-Nitrosodipropylamine 621647 ND 9.78E-07 3.49E-07 7.00E+00 2E+00 Total 2E-04 Total

				Assumptions					
AOI	Chemical	CAS Number	Csoil		ncancer Risk			ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 22A	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	1.39E+01	9.78E-07	3.00E-04	5E-02	3.49E-07	1.50E+00	7E-06
	Chromium	18540299_VI	3.30E+02	9.78E-07	3.00E-03	1E-01	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	2.78E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		2.90E-01	9.78E-07	3.00E-04	9E-04	3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07		
	Benzo[a]anthracene	56553	1.30E+00	9.78E-07	2.00E-02	6E-05	3.49E-07	7.30E-01	3E-07
	Benzo[a]pyrene	50328	8.70E-01	9.78E-07	2.00E-02	4E-05	3.49E-07	7.30E+00	2E-06
	Benzo[b]fluoranthene	205992	1.60E+00	9.78E-07	2.00E-02	8E-05	3.49E-07	7.30E-01	4E-07
	Benzo[k]fluoranthene	207089	4.57E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-02	1E-08
	Chrysene	218019	1.50E+00	9.78E-07	2.00E-02	7E-05	3.49E-07	7.30E-03	4E-09
	Indeno[1,2,3-c,d]pyrene	193395		9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	9E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
	1 13				Total	2E-01		Total	1E-05
AOI 22B	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		2.40E+01	9.78E-07	3.00E-04	8E-02	3.49E-07	1.50E+00	1E-05
	Chromium	18540299_VI	8.70E+01	9.78E-07	3.00E-03	3E-02	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	1.67E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	_	1.57E-01	9.78E-07	3.00E-04	5E-04	3.49E-07		
	Selenium	7782492	1.40E+01	9.78E-07	5.00E-03	3E-03	3.49E-07		
	Benzo[a]anthracene	56553	2.14E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	5E-08
	Benzo[a]pyrene	50328	1.95E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E+00	5E-07
	Benzo[b]fluoranthene	205992	4.68E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	1E-07
	Benzo[k]fluoranthene	207089	1.20E-01	9.78E-07	2.00E-02	6E-06	3.49E-07	7.30E-02	3E-09
	Chrysene	218019	4.64E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-03	1E-09
	Indeno[1,2,3-c,d]pyrene	193395	1.40E-01	9.78E-07	2.00E-02	7E-06	3.49E-07	7.30E-01	4E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	1E-01		Total	1E-05
AOI 23	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		1.10E+01	9.78E-07	3.00E-04	4E-02	3.49E-07	1.50E+00	6E-06
	Chromium	18540299_VI	1.60E+02	9.78E-07	3.00E-03	5E-02	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	7.02E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		9.60E-02	9.78E-07	3.00E-04	3E-04	3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07		
	Benzo[a]anthracene	56553		9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Benzo[a]pyrene	50328		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	Benzo[b]fluoranthene	205992		9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Benzo[k]fluoranthene	207089		9.78E-07	2.00E-02		3.49E-07	7.30E-02	
	Chrysene	218019		9.78E-07	2.00E-02		3.49E-07	7.30E-03	
	Indeno[1,2,3-c,d]pyrene	193395		9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647		9.78E-07			3.49E-07	7.00E+00	
					Total	9E-02		Total	6E-06

				Assumptions					
AOI	Chemical	CAS Number	Csoil		ncancer Risk		C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 26	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	5.46E+00	9.78E-07	3.00E-04	2E-02	3.49E-07	1.50E+00	3E-06
	Chromium	18540299_VI	7.61E+00	9.78E-07	3.00E-03	2E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	3.78E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	_	2.20E-01	9.78E-07	3.00E-04	7E-04	3.49E-07		
	Selenium	7782492	3.29E-01	9.78E-07	5.00E-03	6E-05	3.49E-07		
	Benzo[a]anthracene	56553	8.00E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E-01	2E-08
	Benzo[a]pyrene	50328	9.30E-02	9.78E-07	2.00E-02	5E-06	3.49E-07	7.30E+00	2E-07
	Benzo[b]fluoranthene	205992	7.20E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E-01	2E-08
	Benzo[k]fluoranthene	207089	5.90E-02	9.78E-07	2.00E-02	3E-06	3.49E-07	7.30E-02	2E-09
	Chrysene	218019	1.50E-01	9.78E-07	2.00E-02	7E-06	3.49E-07	7.30E-03	4E-10
	Indeno[1,2,3-c,d]pyrene	193395	4.50E-02	9.78E-07	2.00E-02	2E-06	3.49E-07	7.30E-01	1E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
	1 17				Total	2E-02		Total	3E-06
AOI 27	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	1.59E+01	9.78E-07	3.00E-04	5E-02	3.49E-07	1.50E+00	8E-06
	Chromium	18540299_VI	1.52E+01	9.78E-07	3.00E-03	5E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	6.09E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		1.30E-01	9.78E-07	3.00E-04	4E-04	3.49E-07		
	Selenium	7782492	3.91E+00	9.78E-07	5.00E-03	8E-04	3.49E-07		
	Benzo[a]anthracene	56553	3.01E+02	9.78E-07	2.00E-02	1E-02	3.49E-07	7.30E-01	8E-05
	Benzo[a]pyrene	50328	1.99E+02	9.78E-07	2.00E-02	1E-02	3.49E-07	7.30E+00	5E-04
	Benzo[b]fluoranthene	205992	2.56E+02	9.78E-07	2.00E-02	1E-02	3.49E-07	7.30E-01	7E-05
	Benzo[k]fluoranthene	207089	1.89E+02	9.78E-07	2.00E-02	9E-03	3.49E-07	7.30E-02	5E-06
	Chrysene	218019	8.95E+02	9.78E-07	2.00E-02	4E-02	3.49E-07	7.30E-03	2E-06
	Indeno[1,2,3-c,d]pyrene	193395	2.20E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	6E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	1E-01		Total	7E-04
AOI 30	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		8.78E+01	9.78E-07	3.00E-04	3E-01	3.49E-07	1.50E+00	5E-05
	Chromium	18540299_VI	1.70E+03	9.78E-07	3.00E-03	6E-01	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	3.58E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		8.03E-01	9.78E-07	3.00E-04	3E-03	3.49E-07		
	Selenium		1.31E+02	9.78E-07	5.00E-03	3E-02	3.49E-07		
	Benzo[a]anthracene		1.10E+00	9.78E-07	2.00E-02	5E-05	3.49E-07	7.30E-01	3E-07
	Benzo[a]pyrene		7.59E-01	9.78E-07	2.00E-02	4E-05	3.49E-07	7.30E+00	2E-06
	Benzo[b]fluoranthene		2.41E+00	9.78E-07	2.00E-02	1E-04	3.49E-07	7.30E-01	6E-07
	Benzo[k]fluoranthene		4.01E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-02	1E-08
	Chrysene		1.50E+00	9.78E-07	2.00E-02	7E-05	3.49E-07	7.30E-03	4E-09
	Indeno[1,2,3-c,d]pyrene		4.48E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	1E-07
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	9E-01		Total	5E-05

	a			4ssumptions	5.1			- · ·	
AOI	Chemical	CAS Number	Csoil		ncancer Risk	D: 1310		ancer Risk	D: 1 G
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 32	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		1.36E+01	9.78E-07	3.00E-04	4E-02	3.49E-07	1.50E+00	7E-06
	Chromium	18540299_VI	3.16E+01	9.78E-07	3.00E-03	1E-02	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	6.71E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	7439976	1.56E-01	9.78E-07	3.00E-04	5E-04	3.49E-07		
	Selenium	7782492	6.62E-01	9.78E-07	5.00E-03	1E-04	3.49E-07		
	Benzo[a]anthracene	56553	1.90E-01	9.78E-07	2.00E-02	9E-06	3.49E-07	7.30E-01	5E-08
	Benzo[a]pyrene	50328	1.50E-01	9.78E-07	2.00E-02	7E-06	3.49E-07	7.30E+00	4E-07
	Benzo[b]fluoranthene	205992	2.90E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	7E-08
	Benzo[k]fluoranthene	207089	1.20E-01	9.78E-07	2.00E-02	6E-06	3.49E-07	7.30E-02	3E-09
	Chrysene	218019	3.70E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-03	9E-10
	Indeno[1,2,3-c,d]pyrene		9.80E-02	9.78E-07	2.00E-02	5E-06	3.49E-07	7.30E-01	2E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
				,,,,,	Total	6E-02		Total	8E-06
					10141	02 02		1000	02 00
AOI 33	Aluminum	7429905	8.36E+03	9.78E-07	1.00E+00	8E-03	3.49E-07		
	Antimony	7440360	ND	9.78E-07	4.00E-04		3.49E-07		
	Arsenic		9.16E+00	9.78E-07	3.00E-04	3E-02	3.49E-07	1.50E+00	5E-06
	Chromium	18540299_VI	1.46E+01	9.78E-07	3.00E-03	5E-03	3.49E-07		
	Copper		4.80E+01	9.78E-07	4.00E-02	1E-03	3.49E-07		
	Lead		6.79E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF	3.00E+02	9.78E-07	2.00E-02	1E-02	3.49E-07		
	Mercury	7439976		9.78E-07	3.00E-04	3E-04	3.49E-07		
	Selenium		1.00E+00	9.78E-07	5.00E-03	2E-04	3.49E-07		
	Benzo[a]anthracene		6.23E-01	9.78E-07	2.00E-02	3E-05	3.49E-07	7.30E-01	2E-07
	Benzo[a]pyrene		9.28E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	5E-05	3.49E-07 3.49E-07	7.30E+00	2E-07
	Benzo[b]fluoranthene		7.70E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	4E-05	3.49E-07 3.49E-07	7.30E+00	2E-00
	Benzo[k]fluoranthene	207089		9.78E-07 9.78E-07	2.00E-02 2.00E-02	3E-05	3.49E-07 3.49E-07	7.30E-01 7.30E-02	2E-07 2E-08
	Chrysene		1.14E+00	9.78E-07 9.78E-07	2.00E-02 2.00E-02	6E-05	3.49E-07 3.49E-07	7.30E-02 7.30E-03	3E-09
	Indeno[1,2,3-c,d]pyrene		7.15E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	3E-05	3.49E-07 3.49E-07	7.30E-03 7.30E-01	3E-09 2E-07
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07	 T-4-1	 (E 02	3.49E-07	7.00E+00	 0E 06
					Total	6E-02		Total	8E-06
AOI 34	Aluminum	7429905	1.54E+05	9.78E-07	1.00E+00	2E-01	3.49E-07		
110101	Antimony		4.39E+01	9.78E-07	4.00E-04	1E-01	3.49E-07		
	Arsenic		2.00E+01	9.78E-07 9.78E-07	3.00E-04	7E-01	3.49E-07 3.49E-07	1.50E+00	1E-05
	Chromium	18540299_VI	1.24E+02	9.78E-07	3.00E-03	4E-02	3.49E-07	1.50L+00	
				9.78E-07 9.78E-07	4.00E-02				
	Copper Lead		2.67E+02 2.98E+02	9.78E-07 9.78E-07	4.00E-02	7E-03	3.49E-07 3.49E-07		
	Manganese			9.78E-07 9.78E-07	2.00E-02	2E-02			
	_	7439965_NF	3.98E+02				3.49E-07		
	Mercury		1.57E+02	9.78E-07	3.00E-04	5E-01	3.49E-07		
	Selenium Rongo [alanthragene		8.61E+00	9.78E-07	5.00E-03	2E-03	3.49E-07	 7.20E-01	 2E 09
	Benzo[a]anthracene		1.20E-01	9.78E-07	2.00E-02	6E-06	3.49E-07	7.30E-01	3E-08
	Benzo[a]pyrene		1.40E-01	9.78E-07	2.00E-02	7E-06	3.49E-07	7.30E+00	4E-07
	Benzo[b]fluoranthene		2.10E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	5E-08
	Benzo[k]fluoranthene		1.70E-01	9.78E-07	2.00E-02	8E-06	3.49E-07	7.30E-02	4E-09
	Chrysene		1.80E+00	9.78E-07	2.00E-02	9E-05	3.49E-07	7.30E-03	5E-09
	Indeno[1,2,3-c,d]pyrene		1.50E-01	9.78E-07	2.00E-02	7E-06	3.49E-07	7.30E-01	4E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	1.30E+00	9.78E-07			3.49E-07	7.00E+00	3E-06
					Total	9E-01		Total	1E-05

AOI Chemical CAS Number Csoil Noncancer Risk Cancer Risk (mg/kg) HIFNC Oral RfD RiskNC HIFC Oral SF RiskC AOI 35 Aluminum 7429905 9.78E-07 1.00E+00 3.49E-07 --7440360 9.78E-07 4.00E-04 3.49E-07 Antimony Arsenic 7440382 3.51E+01 9.78E-07 3.00E-04 1E-01 3.49E-07 1.50E+00 2E-05 Chromium 18540299 VI 4.17E+01 9.78E-07 3.00E-03 1E-02 3.49E-07 Copper 7440508 9.78E-07 4.00E-02 3.49E-07 --Lead 7439921 8.20E+01 9.78E-07 3.49E-07 --Manganese 7439965 NF 9.78E-07 2.00E-02 3.49E-07 Mercury 7439976 1.02E-01 9.78E-07 3.00E-04 3E-04 3.49E-07 --Selenium 7782492 5.70E+00 9.78E-07 5.00E-03 1E-03 3.49E-07 Benzo[a]anthracene 56553 5.60E-01 9.78E-07 2.00E-02 3E-05 3.49E-07 7.30E-01 1E-07 Benzo[a]pyrene 50328 5.10E-01 9.78E-07 2.00E-02 2E-05 3.49E-07 7.30E+00 1E-06 Benzo[b]fluoranthene 205992 3.40E-01 9.78E-07 2.00E-02 2E-05 3.49E-07 7.30E-01 9E-08 Benzo[k]fluoranthene 207089 6.00E-01 9.78E-07 2.00E-02 3E-05 3.49E-07 7.30E-02 2E-08 Chrysene 218019 8.80E-01 2.00E-02 4E-05 3.49E-07 7.30E-03 2E-09 9.78E-07 Indeno[1,2,3-c,d]pyrene 193395 4.90E-01 9.78E-07 2.00E-02 2E-05 3.49E-07 7.30E-01 1E-07 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 n-Nitrosodipropylamine 621647 ND 9.78E-07 3.49E-07 7.00E+00 Total 1E-01 Total 2E-05 AOI 36 Aluminum 7429905 7.86E+03 9.78E-07 1.00E+00 8E-03 3.49E-07 --Antimony 7440360 6.09E+00 9.78E-07 4.00E-04 1E-02 3.49E-07 Arsenic 7440382 1.60E+02 9.78E-07 3.00E-04 5E-01 3.49E-07 1.50E+00 8E-05 Chromium 18540299_VI 4.91E+01 9.78E-07 3.00E-03 2E-02 3.49E-07 --Copper 7440508 2.30E+04 9.78E-07 4.00E-02 6E-01 3.49E-07 --Lead 7439921 7.10E+02 9.78E-07 3.49E-07 --Manganese 7439965 NF 1.00E+03 2.00E-02 5E-02 3.49E-07 9.78E-07 --Mercury 7439976 9.56E-01 3.00E-04 3E-03 3.49E-07 9.78E-07 Selenium 7782492 4.43E+01 5.00E-03 9E-03 3.49E-07 9.78E-07 Benzo[a]anthracene 56553 1.19E+00 2.00E-02 6E-05 3.49E-07 7.30E-01 3E-07 9.78E-07 Benzo[a]pyrene 50328 1.33E+00 9.78E-07 2.00E-02 6E-05 3.49E-07 7.30E+00 3E-06 Benzo[b]fluoranthene 205992 1.20E+00 9.78E-07 2.00E-02 6E-05 3.49E-07 7.30E-01 3E-07 Benzo[k]fluoranthene 207089 1.22E+00 9.78E-07 2.00E-02 6E-05 3.49E-07 7.30E-02 3E-08 Chrysene 218019 1.51E+00 9.78E-07 2.00E-02 7E-05 3.49E-07 7.30E-03 4E-09 Indeno[1,2,3-c,d]pyrene 193395 1.27E+00 9.78E-07 2.00E-02 6E-05 3.49E-07 7.30E-01 3E-07 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 ND n-Nitrosodipropylamine 621647 9.78E-07 3.49E-07 7.00E+00 Total 1E+00 Total 9E-05 AOI 37 Aluminum 7429905 9.78E-07 1.00E+00 3.49E-07 Antimony 7440360 9.78E-07 4.00E-04 3.49E-07 Arsenic 7440382 4.32E+00 9.78E-07 3.00E-04 1E-02 3.49E-07 1.50E+00 2E-06 Chromium 18540299 VI 1.28E+01 9.78E-07 3.00E-03 4E-03 3.49E-07 Copper 7440508 9.78E-07 4.00E-02 3.49E-07 Lead 7439921 1.37E+02 9.78E-07 3.49E-07 --Manganese 7439965 NF 9.78E-07 2.00E-02 3.49E-07 --Mercury 7439976 1.22E-01 9.78E-07 3.00E-04 4E-04 3.49E-07 --Selenium 7782492 2.01E-01 9.78E-07 5.00E-03 4E-05 3.49E-07 Benzo[a]anthracene 56553 2.30E-02 9.78E-07 2.00E-02 1E-06 3.49E-07 7.30E-01 6E-09 Benzo[a]pyrene 50328 ND 2.00E-02 3.49E-07 7.30E+00 9.78E-07 Benzo[b]fluoranthene 205992 6.40E-02 3E-06 3.49E-07 7.30E-01 2E-08 9.78E-07 2.00E-02 Benzo[k]fluoranthene 207089 2.40E-02 9.78E-07 2.00E-02 1E-06 3.49E-07 7.30E-02 6E-10 Chrysene 218019 1.10E-01 2.00E-02 5E-06 3.49E-07 7.30E-03 3E-10 9.78E-07 Indeno[1,2,3-c,d]pyrene 193395 ND 9.78E-07 2.00E-02 3.49E-07 7.30E-01 Dibenzo[a,h]anthracene 53703 9.78E-07 2.00E-02 3.49E-07 7.30E+00 -n-Nitrosodipropylamine 621647 ND 9.78E-07 3.49E-07 7.00E+00 Total 2E-02 Total 2E-06

				Assumptions					
AOI	Chemical	CAS Number	Csoil		ncancer Risk			ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 38	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	7.90E+00	9.78E-07	3.00E-04	3E-02	3.49E-07	1.50E+00	4E-06
	Chromium	18540299_VI	1.76E+01	9.78E-07	3.00E-03	6E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	2.21E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	_	3.76E-01	9.78E-07	3.00E-04	1E-03	3.49E-07		
	Selenium		8.40E+00	9.78E-07	5.00E-03	2E-03	3.49E-07		
	Benzo[a]anthracene		2.10E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	5E-08
	Benzo[a]pyrene		3.00E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E+00	8E-07
	Benzo[b]fluoranthene		3.00E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	8E-08
	Benzo[k]fluoranthene		2.30E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-02	6E-09
	Chrysene	218019		9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-03	1E-09
	Indeno[1,2,3-c,d]pyrene	193395	1.60E-01	9.78E-07	2.00E-02	8E-06	3.49E-07	7.30E-01	4E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07	2.00E 02		3.49E-07	7.00E+00	
	n-ivii osodipi opyianime	021047	ND	7.76L-07	Total	3E-02	3.47L-07	Total	5E-06
					Total	3L-02		Total	3L-00
AOI 5	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
AOI 3		7440360		9.78E-07 9.78E-07	4.00E-04		3.49E-07 3.49E-07		
	Antimony Arsenic		6.62E+00	9.78E-07 9.78E-07	3.00E-04	2E-02	3.49E-07 3.49E-07	1.50E+00	3E-06
	Chromium	18540299_VI	1.13E+01	9.78E-07 9.78E-07	3.00E-04 3.00E-03	4E-03	3.49E-07 3.49E-07	1.30E∓00 	3E-00
		7440508	1.13E⊤01 		4.00E-03	4E-03	3.49E-07 3.49E-07		
	Copper			9.78E-07					
	Lead		1.02E+02	9.78E-07 9.78E-07	2.00E.02		3.49E-07		
	Manganese Mercury	7439965_NF	 1.58E-01	9.78E-07 9.78E-07	2.00E-02 3.00E-04	5E-04	3.49E-07 3.49E-07		
	Selenium		4.07E-01	9.78E-07 9.78E-07	5.00E-04 5.00E-03	3E-04 8E-05	3.49E-07 3.49E-07		
	Benzo[a]anthracene		7.70E-01	9.78E-07 9.78E-07	2.00E-03	4E-05	3.49E-07 3.49E-07	7.30E-01	 2E-07
									1E-06
	Benzo[a]pyrene		4.60E-01 1.60E+00	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E+00	1E-06 4E-07
	Benzo[b]fluoranthene			9.78E-07	2.00E-02	8E-05	3.49E-07	7.30E-01	
	Benzo[k]fluoranthene	207089		9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-02	1E-08
	Chrysene		2.00E+00	9.78E-07	2.00E-02	1E-04	3.49E-07	7.30E-03	5E-09
	Indeno[1,2,3-c,d]pyrene		3.70E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	9E-08
	Dibenzo[a,h]anthracene	53703	 NID	9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07	 m . 1	 2E.02	3.49E-07	7.00E+00	 5E.06
					Total	3E-02		Total	5E-06
		7.120005		0.505.05	1.005.00		2 405 07		
AOI 8	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360	1.205 - 01	9.78E-07	4.00E-04	 4E-02	3.49E-07	1.505:00	 7D ^ <
	Arsenic		1.30E+01	9.78E-07	3.00E-04	4E-02	3.49E-07	1.50E+00	7E-06
	Chromium	18540299_VI	8.40E+00	9.78E-07	3.00E-03	3E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead		5.63E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury		1.10E-01	9.78E-07	3.00E-04	4E-04	3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07		
	Benzo[a]anthracene		8.60E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E-01	2E-08
	Benzo[a]pyrene	50328		9.78E-07	2.00E-02	5E-06	3.49E-07	7.30E+00	2E-07
	Benzo[b]fluoranthene		6.50E-02	9.78E-07	2.00E-02	3E-06	3.49E-07	7.30E-01	2E-08
	Benzo[k]fluoranthene		8.30E-02	9.78E-07	2.00E-02	4E-06	3.49E-07	7.30E-02	2E-09
	Chrysene		1.10E-01	9.78E-07	2.00E-02	5E-06	3.49E-07	7.30E-03	3E-10
	Indeno[1,2,3-c,d]pyrene		6.70E-02	9.78E-07	2.00E-02	3E-06	3.49E-07	7.30E-01	2E-08
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	5E-02		Total	7E-06

		Base	d on RME 2	Assumptions					
AOI	Chemical	CAS Number	Csoil	No	ncancer Risk		C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
AOI 9	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic		5.50E+00	9.78E-07	3.00E-04	2E-02	3.49E-07	1.50E+00	3E-06
	Chromium	18540299_VI	1.20E+01	9.78E-07	3.00E-03	4E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead		8.91E+01	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	_	1.01E-01	9.78E-07	3.00E-04	3E-04	3.49E-07		
	Selenium		2.96E-01	9.78E-07	5.00E-03	6E-05	3.49E-07		
	Benzo[a]anthracene	56553	ND	9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Benzo[a]pyrene	50328	ND	9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	9.78E-07	2.00E-02		3.49E-07	7.30E-02	
	Chrysene	218019	ND	9.78E-07	2.00E-02		3.49E-07	7.30E-03	
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-07	2.00E-02		3.49E-07	7.30E-01	
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	2E-02		Total	3E-06
AOI SPRR5	Aluminum	7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360		9.78E-07	4.00E-04		3.49E-07		
	Arsenic	7440382	1.10E+01	9.78E-07	3.00E-04	4E-02	3.49E-07	1.50E+00	6E-06
	Chromium	18540299_VI	1.60E+01	9.78E-07	3.00E-03	5E-03	3.49E-07		
	Copper	7440508		9.78E-07	4.00E-02		3.49E-07		
	Lead	7439921	1.40E+02	9.78E-07			3.49E-07		
	Manganese	7439965_NF		9.78E-07	2.00E-02		3.49E-07		
	Mercury	7439976	8.50E-02	9.78E-07	3.00E-04	3E-04	3.49E-07		
	Selenium	7782492	ND	9.78E-07	5.00E-03		3.49E-07		
	Benzo[a]anthracene	56553	2.30E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-01	6E-08
	Benzo[a]pyrene		6.30E-01	9.78E-07	2.00E-02	3E-05	3.49E-07	7.30E+00	2E-06
	Benzo[b]fluoranthene	205992	8.00E-01	9.78E-07	2.00E-02	4E-05	3.49E-07	7.30E-01	2E-07
	Benzo[k]fluoranthene	207089	2.40E-01	9.78E-07	2.00E-02	1E-05	3.49E-07	7.30E-02	6E-09
	Chrysene		8.50E-01	9.78E-07	2.00E-02	4E-05	3.49E-07	7.30E-03	2E-09
	Indeno[1,2,3-c,d]pyrene		4.00E-01	9.78E-07	2.00E-02	2E-05	3.49E-07	7.30E-01	1E-07
	Dibenzo[a,h]anthracene	53703		9.78E-07	2.00E-02		3.49E-07	7.30E+00	
	n-Nitrosodipropylamine	621647	ND	9.78E-07			3.49E-07	7.00E+00	
					Total	4E-02		Total	8E-06
0411	A 1	7.420005		0.705.07	1.000 + 00		2.405.07		
Other - Onyard		7429905		9.78E-07	1.00E+00		3.49E-07		
	Antimony	7440360	C 00E + 01	9.78E-07	4.00E-04	 2E 01	3.49E-07	1.50E+00	4E 05
	Arsenic		6.80E+01	9.78E-07	3.00E-04	2E-01	3.49E-07	1.50E+00	4E-05
	Chromium	18540299_VI	1.00E+01	9.78E-07	3.00E-03	3E-03	3.49E-07		
	Copper	7440508	2.205+02	9.78E-07	4.00E-02		3.49E-07		
	Lead		2.38E+02	9.78E-07	2.00E.02		3.49E-07		
	Manganese	7439965_NF	2.60E-01	9.78E-07	2.00E-02	 8E-04	3.49E-07		
	Mercury Selenium	7782492	2.00E-01 ND	9.78E-07	3.00E-04	6E-04 	3.49E-07		
			4.40E-01	9.78E-07	5.00E-03	2E-05	3.49E-07	7.30E-01	 1E-07
	Benzo[a]anthracene Benzo[a]pyrene		4.40E-01 2.10E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	2E-03 1E-05	3.49E-07 3.49E-07	7.30E+00	5E-07
	Benzo[a]pyrene Benzo[b]fluoranthene		2.10E-01 8.00E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	4E-05	3.49E-07 3.49E-07	7.30E+00 7.30E-01	3E-07 2E-07
	Benzo[k]fluoranthene		8.00E-01 2.40E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	4E-05 1E-05	3.49E-07 3.49E-07	7.30E-01 7.30E-02	6E-09
	Chrysene		6.20E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	3E-05	3.49E-07 3.49E-07	7.30E-02 7.30E-03	0E-09 2E-09
	Indeno[1,2,3-c,d]pyrene		2.00E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	3E-03 1E-05	3.49E-07 3.49E-07	7.30E-03 7.30E-01	2E-09 5E-08
	Dibenzo[a,h]anthracene	53703	2.00E-01	9.78E-07 9.78E-07	2.00E-02 2.00E-02	1E-03	3.49E-07 3.49E-07	7.30E+00	3E-06
	n-Nitrosodipropylamine	621647	ND	9.78E-07 9.78E-07	2.00E-02		3.49E-07 3.49E-07	7.00E+00	
		02104/	1,10)., OL 01	Total	2E-01	J. 17L 07	Total	4E-05
					1 otal	-L 01		10111	03

AOI 1		CAS Number	Cgw (mg/L)	Nor HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC C	ancer Risk Oral SF	Ris
	Antimony	7440360	-	6.00E-03	4.00E-04		4.29E-04		-
	Arsenic	7440382		6.00E-03	3.00E-04		4.29E-04	1.50E+00	
	Barium	7440393		6.00E-03	7.00E-02		4.29E-04		
	Cadmium Chromium	7440439_W		6.00E-03	5.00E-04		4.29E-04		
	Manganese	18540299_VI 7439965_NF		6.00E-03	3.00E-03		4.29E-04		
		7439965_NF 7439976		6.00E-03 6.00E-03	2.00E-02 3.00E-04		4.29E-04 4.29E-04		
	Mercury								
	Selenium Silver	7782492 7440224		6.00E-03	5.00E-03		4.29E-04	-	
	2-Methylnaphthalene	91576		6.00E-03 6.00E-03	5.00E-03 2.00E-02	1E-03	4.29E-04 4.29E-04		
	Acenaphthene	83329	4.30E-03 ND	6.00E-03	6.00E-02		4.29E-04 4.29E-04	-	
	Benzo[a]anthracene	56553	ND	6.00E-03	2.00E-02		4.29E-04 4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04 4.29E-04	7.30E-00	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01 7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02 7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649	ND	6.00E-03	4.00E-03		4.29E-04	7.50L:00	
	Fluoranthene	206440	ND	6.00E-03	4.00E-02		4.29E-04		
	Fluorene	86737	ND	6.00E-03	4.00E-02		4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	ND	6.00E-03	2.00E-02		4.29E-04		
	Phenanthrene	85018	ND	6.00E-03	2.00E-02		4.29E-04		
	Pyrene	129000	ND	6.00E-03	3.00E-02		4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03	J.00L-03		4.29E-04 4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND	6.00E-03	2.00E-02		4.29E-04 4.29E-04	1.40E=02	
	Carbazole	86748	ND	6.00E-03	2.00E=02		4.29E-04 4.29E-04	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04 4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	6.00E-03	3.00E-02		4.29E-04 4.29E-04	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	6.00E-03	2.80E-02		4.29E-04 4.29E-04	1.20E-01	
	1,1,2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04 4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	ND	6.00E-03	1.00E-01		4.29E-04 4.29E-04	J. / 012=02	
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-01		4.29E-04 4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	ND	6.00E-03	3.00E-02		4.29E-04 4.29E-04	9.10E-02	
	1,2-Dichloroethene	540590	ND	6.00E-03	9.00E-02		4.29E-04		
	Acetone	67641	ND	6.00E-03	1.00E-01		4.29E-04		
	Benzene	71432	ND	6.00E-03	3.00E-03		4.29E-04 4.29E-04	5.50E-02	
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03	4.00L-01		4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592		6.00E-03	1.00E-02		4.29E-04		
	Dichloromethane	75092	3.70E-03	6.00E-03	6.00E-02	4E-04	4.29E-04	7.50E-03	11
	Ethylbenzene	100414	ND	6.00E-03	1.00E-01		4.29E-04		
	Tetrachloroethene	127184	ND	6.00E-03	1.00E-02		4.29E-04	5.20E-02	
	Toluene	108883	ND	6.00E-03	2.00E-01		4.29E-04		
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014 A	ND	6.00E-03	3.00E-03		4.29E-04	7.20E-01	
	Xylenes (Total)	1330207	ND	6.00E-03	2.00E+00 Total	 2E-03	4.29E-04	 Total	1 E
	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		
AOI 12	Arsenic	7440382	8.60E-03	6.00E-03	3.00E-04	2E-01	4.29E-04	1.50E+00	6E
AOI 12	Arsenic Barium	7440393	8.60E-03 4.01E-01	6.00E-03 6.00E-03	3.00E-04 7.00E-02	2E-01 3E-02	4.29E-04 4.29E-04	1.50E+00 	
AOI 12	Barium Cadmium	7440393 7440439_W	4.01E-01 4.70E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04	3E-02 6E-02	4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium	7440393 7440439_W 18540299_VI	4.01E-01	6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03	3E-02 6E-02 6E-03	4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese	7440393 7440439_W 18540299_VI 7439965_NF	4.01E-01 4.70E-03 3.15E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02	3E-02 6E-02 6E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese Mercury	7440393 7440439_W 18540299_VI 7439965_NF 7439976	4.01E-01 4.70E-03 3.15E-03 2.40E-05	6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	3E-02 6E-02 6E-03 5E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	3E-02 6E-02 6E-03 5E-04 2E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04	 	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	3E-02 6E-02 6E-03 5E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	- - - - - -	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 7.30E-01	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 7.30E-01 7.30E+00	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Huoranthene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 7.30E-01 7.30E+00 7.30E-01	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[a]yrene Benzo[k]fluoranthene Chrysene	7440393 W 18540299 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Z-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzo[k]huntancene	7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Silver Accenaphthene Benzo[a]anthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440439 X 18540299 VI 7439965 NF 7439965 NF 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silivar Selenium Selenzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chryssne Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluorene	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	3E-02 6E-02 6E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzola]anthracene Benzola]pyrene Benzolb]fluoranthene Benzola]fluoranthene Chrysene Dibenz/a,fl,anthracene Dibenz/anthracene Dibenzofran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-05 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7,00E-02 5,00E-04 3,00E-03 3,00E-03 5,00E-03 5,00E-03 5,00E-03 5,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 4,00E-03 4,00E-03 4,00E-02 4,00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzolajanthracene Benzolajanthracene Benzolajlupyrene Benzolsjiluoranthene Benzolsjiluoranthene Chrysene Dibenzajanjanthracene Dibenzajanjanthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440439 X 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	4.01E-01 4.70E-03 3.15E-03 1.96E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 312649 206440 86737 193395 91203 85018	4.01E-01 4.70E-03 3.15E-03 1.96E-02 2.40E-05 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a, fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000	4.01E-01 4.70E-03 3.15E-03 1.96E-05 1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[filouranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]amthracene Dibenz[a, h]amthracene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Pyrene Aroclor-1260	744039 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	4.01E-01 4.70E-03 3.15E-03 2.40E-05 1.96E-02 2.40E-05 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05 2E-05	4.29E-04 4.29E-04		
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[a]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	4.01E-01 4.70E-03 3.15E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-03 3.00E-02	3E-02 6E-02 6E-03 5E-04 2E-03 2E-05 2E-05	4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
AOI 12	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a h]anthracene Dibenz[a h]anthracene Dibenz[a h]anthracene Dibenz[a h]enthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440439 X 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	4.01E-01 4.70E-03 3.15E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-03	3E-02 6E-02 6E-03 	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]thoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-teresol	744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50338 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03 2E-05 	4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjanthracene Benzo[a]hjanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dniitrotoluene 4,6-Dniitro-o-cresol 4,4-Methylphenol (p-Cresol)	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1066445	4.01E-01 4.70E-03 3.15E-03 	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 3.00E-02 1.00E-03 1.00E-04	3E-02 6E-03 5E-04 2E-02 3E-03 2E-05 2E-05	4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-01 	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amthracene Dibenz[a,h	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110445	4.01E-01 4.70E-03 3.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03	3E-02 6E-02 6E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Benzo[a]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethlorethyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethloretyl)ether bis(2-Ethlythexyl)phthalate	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	4.01E-01 4.70E-03 3.15E-03 	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-04 5.00E-04 5.00E-03	3E-02 6E-02 6E-03 - 5E-04 2E-02 3E-03 2E-05	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]amthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol bis(2-Ethylnexyl)phthalate Carbazole	744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	4.01E-01 4.70E-03 3.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04	3E-02 (6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroecthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Benzo[a]nlantracene Benzo[b]fluoranthene Chrysene Dibenz/anthene Chrysene Dibenz/anthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arocior-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbery)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-03	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]hjuoranthene Chrysene Dibenz[a,h]amthracene Dibenz[a,h	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87865 71556	4.01E-01 4.70E-03 3.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-02 (E-02	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]toranthene Benzo[a]toranthene Benzo[a]toranthene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dimitrooluene 4,6-Dimitroo-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833399 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106444 117817 86748 621647 87865 71556	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-02 2.00E-03 2.00E-02 2.00E-02 2.00E-02	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	44
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-1-Dichloroethane	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 779005	4.01E-01 4.70E-03 3.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-04 5.00E-04	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silvium Selenium Selenzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Dibenz[a]panthracene Dibenz[a]panthracene Dibenz[a]panthracene Dibenz[a]panthracene Dibenz[a]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-eresol 4-Methylphenol (p-Cresol) bis(2-Chlorochyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1-Dichlorochane 1,1-Dichlorochane 1,1-Dichlorochane 1,1-Dichlorocpane	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50338 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-04 1.00E-03	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[k]Huoranthene Dibenzofuran Fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylkerylphthalate Carbazole n-Nitrosodjropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroppane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04	3E-02 6E-02 6E-03 - 5E-04 2E-02 3E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]amthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Ph	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 006407 606202 534521 106445 111444 117817 87655 71556 79005 75343 96184 107062 540590	4.01E-01 4.70E-03 1.15E-03 1.96E-02 2.40E-05 1.96E-02 2.40E-03 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	3E-02 6E-02 6E-03 5E-04 2E-02 3E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pjerne Arnoclor-1260 1,4-Dichlorobenzene 2,6-Dimitrodoluene 4,6-Dimitro-cresol bisty2-Chlorochylether bisty2-Elrotechylether bisty2-Elrotechylet	744039 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83339 56553 50328 2055992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 71505 75343 96184 107062 540590 67641	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 3.00E-02 2.00E-02	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Accolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropropane 1,2-Dichloroethane	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	4.01E-01 4.70E-03 3.15E-03 1.96E-02 2.40E-05 1.96E-02 2.40E-03 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-01 0.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silvium Selenium Seleni	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50338 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-03 1.00E-01 3.00E-01 3.00E-01 3.00E-01 3.00E-01	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloropropane 1,2-Dichloroethane	7440393 Y440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03 6.00E-03	7.00E-02 7.00E-04 3.00E-03 3.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 3.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 3.00E-02 9.00E-03	3E-02 6E-02 6E-03 - 5E-04 2E-02 3E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E-00 2.40E-02 6.80E-01 2.00E-00 1.40E-02 2.00E-00 1.20E-01 2.00E-00 9.10E-02 2.00E+00 9.10E-02 2.00E+00	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[la]hthracene Benzo[a]pyrene Benzo[la]hthracene Benzo[a]pyrene Benzo[la]hanthracene Dibenz[a, la]anthracene Dibenz[a]anthracene D	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87665 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01	3E-02 6E-02 6E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzolajanthracene Benzolajanthracene Benzolajanthracene Benzolajincranthene Benzolajincranthene Benzolajincranthene Benzolajincranthene Benzolajincranthene Benzolajincranthene Benzolajincranthene Benzolajincranthene Dibenzoftran Fluoranthene Fluorene Indenol 1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arnoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrodolume 1,4-Dichlorobenzene 2,6-Dinitrodolume Nitrosodirophylether bis(2-Eltrochylether bis(2-Eltrochylether bis(2-Eltrofhorochylether bis(2-Eltrofhorochylether bis(2-Eltrofhorochylether) bis(2-Florochylether bis(2-Eltrofhorochylether) bis(2-Eltrofhorochylether bis(2-Eltrofhorochylether) bis(2-Eltrofhorochyleth	744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	4.01E-01 4.70E-03 1.15E-03	6.00E-03 6.00E-03	7.00E-02 7.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-02 3.00E-02 3.00E-03 3.00E-03 1.00E-01 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-02 3.00E-03 3.00E-03 3.00E-03	3E-02 (E-02) (E-	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	4E 9E 2E
AOI 12	Barium Cadmium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11432 124481 75003 74873 156592 75092	4.01E-01 4.70E-03 3.15E-03 1.96E-02 2.40E-05 1.96E-02 2.40E-03 ND	6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-03 1.00E-01	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silvier Selenium Silvier Selenium Silvier Selenium Silvier Selenium Silvier Senzo[a]amtracene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Pluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorochane 1,1,2-Trichlorochane 1,1-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane Chlorochane (Ethyl chloride) Chloromethane Echlorochiorochane Chlorochane (Ethyl chloride) Chloromethane Echlylbenzene	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 11096825 106467 666202 534521 106445 1117817 86748 821647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 75691	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-03 1.00E-01 4.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-04 4.00E-03 1.00E-01	3E-02 6E-03 6E-04 2E-02 3E-03 6E-04 2E-02 3E-03 6E-04 6E-03 6E-04	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hanthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Tichlorocthane 1,2-Tichlorocthane 1,2-Dichlorocthane	7440393 Y44039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 75092 100414	4.01E-01 4.70E-03 1.15E-03	6.00E-03	7.00E-02 7.00E-04 3.00E-03 3.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02 1.00E-02	3E-02 (E-02) (E-	4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	4E 9E 2E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[i]fluoranthene Chrysene Dibenz[a, la]amthracene Phenanthrene Pyrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichloroctene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,2-J-Trichlorocthane 1,2-Dichlorocthene Chlorocthane (Ethyl chloride) Chloromethane Chlorocthane Ethylbenzene Ettylbenzene Tetrachlorocthene Toluene	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414 127184	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	6E
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzolajamthracene Benzolajamthracene Benzolajamthracene Benzolajamthracene Benzolajamthracene Benzolajamthracene Benzolajamthracene Dibenzofaran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Portene Indenol 12,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arncolor-1260 1,4-Dibitlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisig2-Chloroethylether bisig2-Elioroethylether bisig2-Elio	744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 2055992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 67186 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75092 75092 75092 75092 75092 75092 75092 75092 75092 75091	4.01E-01 4.70E-03 1.15E-03	6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 1.00E-03 3.00E-02 1.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 1.00E-01 3.00E-01	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.50E-02 7.50E-02 8.40E-02 7.50E-03 7.50E-03 7.50E-03	4EE
AOI 12	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[i]fluoranthene Chrysene Dibenz[a, la]amthracene Phenanthrene Pyrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichloroctene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,2-J-Trichlorocthane 1,2-Dichlorocthene Chlorocthane (Ethyl chloride) Chloromethane Chlorocthane Ethylbenzene Ettylbenzene Tetrachlorocthene Toluene	744033 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414 127184	4.01E-01 4.70E-03 1.15E-03 2.40E-05 1.96E-02 2.40E-05 ND	6.00E-03	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	3E-02 6E-02 6E-03	4 29E-04 4 29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	4E 9E 2E

AOI 13		CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		-
	Arsenic	7440382	6.40E-02	6.00E-03	3.00E-04	1E+00	4.29E-04	1.50E+00	4E-
	Barium Cadmium	7440393 7440439 W	1.60E+00 6.70E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04	1E-01 8E-02	4.29E-04 4.29E-04		-
	Chromium	18540299 VI	2.30E-01	6.00E-03	3.00E-04 3.00E-03	5E-02	4.29E-04 4.29E-04		-
	Manganese	7439965 NF	2.3015-01	6.00E-03	2.00E-02	JE-01	4.29E-04 4.29E-04		-
	Mercury	7439976	ND	6.00E-03	3.00E-02		4.29E-04 4.29E-04		-
	Selenium	7782492	ND	6.00E-03	5.00E-04		4.29E-04	-	_
	Silver		1.20E-02	6.00E-03	5.00E-03	1E-02	4.29E-04	-	_
	2-Methylnaphthalene		1.30E+00	6.00E-03	2.00E-02	4E-01	4.29E-04	-	_
	Acenaphthene	83329	6.23E-03	6.00E-03	6.00E-02	6E-04	4.29E-04		_
	Benzo[a]anthracene	56553	1.00E-04	6.00E-03	2.00E-02	3E-05	4.29E-04	7.30E-01	3E
	Benzo[a]pyrene	50328	1.00E-04	6.00E-03	2.00E-02	3E-05	4.29E-04	7.30E+00	3E
	Benzo[b]fluoranthene	205992	2.00E-04	6.00E-03	2.00E-02	6E-05	4.29E-04	7.30E-01	6E
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	1.00E-04	6.00E-03	2.00E-02	3E-05	4.29E-04	7.30E-03	3E
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	٠.
	Dibenzofuran	132649	ND	6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene		5.20E-03	6.00E-03	4.00E-02	8E-04	4.29E-04		
	Fluorene	86737	9.15E-03	6.00E-03	4.00E-02	1E-03	4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	7.63E-02	6.00E-03	2.00E-02	2E-02	4.29E-04		
	Phenanthrene	85018	4.32E-02	6.00E-03	2.00E-02	1E-02	4.29E-04		
	Pyrene	129000	4.95E-03	6.00E-03	3.00E-02	1E-03	4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	7.40E-03	6.00E-03	1.00E-03	4E-02	4.29E-04	6.80E-01	2E
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04	0.0012 01	
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04	-	
			ND		J.00L-03		4.29E-04	1.10E+00	
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	111444 117817	5.10E-01	6.00E-03 6.00E-03	2.00E-02	2E-01	4.29E-04 4.29E-04	1.10E+00 1.40E-02	3E
	Carbazole Carbazole	86748	5.10E-01 1.00E-03	6.00E-03 6.00E-03	2.00E-02	2E-01	4.29E-04 4.29E-04	1.40E-02 2.00E-02	3E 9E
			ND	6.00E-03					9E
	n-Nitrosodipropylamine Pentachlorophenol (PCP)	621647 87865	ND ND				4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865 71556	ND ND	6.00E-03 6.00E-03	3.00E-02 2.80E-01		4.29E-04	1.20E-01	
	1,1,1-Trichloroethane	71556 79005			2.80E-01		4.29E-04		
	1,1,2-Trichloroethane		ND ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	ND ND	6.00E-03	1.00E-01		4.29E-04	2.000 - 00	
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-03		4.29E-04	2.00E+00 9.10E-02	
	1,2-Dichloroethane	107062	ND	6.00E-03	3.00E-02		4.29E-04		
	1,2-Dichloroethene	540590	ND	6.00E-03	9.00E-03		4.29E-04		
	Acetone	67641	2.00E-03	6.00E-03	1.00E-01	1E-04	4.29E-04	 	
	Benzene	71432	2.49E-02	6.00E-03	3.00E-03	5E-02	4.29E-04	5.50E-02	6E
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592		6.00E-03	1.00E-02		4.29E-04		
	Dichloromethane	75092	4.84E-03	6.00E-03	6.00E-02	5E-04	4.29E-04	7.50E-03	2E
	Ethylbenzene	100414	2.68E-02	6.00E-03	1.00E-01	2E-03	4.29E-04		
	Tetrachloroethene	127184	1.90E-03	6.00E-03	1.00E-02	1E-03	4.29E-04	5.20E-02	4E
	Toluene	108883	2.60E-03	6.00E-03	2.00E-01	8E-05	4.29E-04		
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014_A	ND	6.00E-03	3.00E-03		4.29E-04	7.20E-01	
	Xylenes (Total)	1330207	1.47E-02	6.00E-03	2.00E+00 Total	4E-05 3E+00	4.29E-04	 Total	5E
AOI 18	Antimony Arsenic	7440360 7440382	 3.80E-03	6.00E-03 6.00E-03	4.00E-04 3.00E-04	 8E-02	4.29E-04 4.29E-04	 1.50E+00	
AOI 18									2E
AOI 18	Arsenic	7440382	3.80E-03	6.00E-03	3.00E-04	8E-02	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium	7440382 7440393 7440439_W 18540299_VI	3.80E-03 1.07E-01	6.00E-03 6.00E-03	3.00E-04 7.00E-02	8E-02 9E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium	7440382 7440393 7440439_W	3.80E-03 1.07E-01 1.80E-03	6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04	8E-02 9E-03 2E-02	4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	3.80E-03 1.07E-01 1.80E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03	8E-02 9E-03 2E-02 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	3.80E-03 1.07E-01 1.80E-03 1.50E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	8E-02 9E-03 2E-02 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	3.80E-03 1.07E-01 1.80E-03 1.50E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	8E-02 9E-03 2E-02 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]hyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmracene Benzo[b]luoranthene Chrysene Dibenz[a,b]anthracene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]myrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]lanthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7440224 91576 83329 56553 50328 207089 218019 53703 118049 206440	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E-03	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Accenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]Huoranthene Benzo[s]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439965 F 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	3.80E-03 1.07E-01 1.80E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 -	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 205982 207089 218019 53703 132649 206440 86737 193395 91203	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 -	4.29E-04 4.29E-04	1.50E+00 7.30E+01 7.30E+0 7.30E-02 7.30E-02	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, b]anthracene	7440382 7440439 W 18540299 W1 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 	4.29E.04 4.29E.04	1.50E+00 7.30E+01 7.30E+0 7.30E-02 7.30E-02	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]aprtene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phyrene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 9E-05	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprene Benzo[a]aprene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 -	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 9E-05	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02	2E
ΔΟΙ 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dicklorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprtene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol)	7440382 7440439_W 1854029_VI 1840299_VI 7439965_NF 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1064451	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 9E-05	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmrene Benzo[b]lmoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotorectsol bist2-Cklorocethyl)ether	7440382 7440439 W 18540299 VI 7439965 NF 7439965 NF 7439965 782492 7440224 91576 83329 20598 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-02 2.00E-04 5.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 9E-05 	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]ortene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pyrene Anpthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ethen sig-2-Ethylkeylphthalate	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116445 1117817	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03	8E-02 9E-03 2E-02 3E-03 6E-03 4E-03 9E-05	4.29E-04 4.29E-04	1.50E+00	2F
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitro	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 2.00E-03 1.00E-03 3.00E-04 1.00E-03 1.00E-04 5.00E-03	8E-02 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
XOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 7440393 W 18540299 W1 7439965 NF 743996 132649 20440 206440 86737 193395 112030 11096825 106467 606202 534521 106445 111444 117817 86748	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-03 3.00E-03 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]aptrene Benzo[a]aptracene Benzo[a]pyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Alliouranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ehlyhenol (p-Cresol) bis(2-Ehlyhenol)	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 10647 606202 534521 106445 111444 117817 86748 621647 87865	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-04 2.00E-03	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitro	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 1106445 1117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2H
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzafuran Fluoranthene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylkerylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	3.80E-03 1.07E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 ND S20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 7.00E-03 7.00E-04 7.00E-03 7.00E-04 7.00E-03 7.00E-02	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[s]lfluoranthene Benzo[s]kfluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dini	7440382 7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-04 5.00E-03 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 1.10E+00 1.40E-02 7.40E+02 1.20E-02 7.00E+00 1.20E-01 1.50E-01	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmrtacene Benzo[b]lmoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisty2-Chlorocethylether bisty2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1-Dichlorochane 1,1-Dichlorochane 1,2,3-Trichlorocpopane	7440382 7440393 W 18540299 W1 7439965 NF 743996653 50328 205992 207089 218019 53703 132649 206440 86737 193395 191203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-04 5.00E-03 1.00E-04 5.00E-04 1.00E-03 1.00E-04	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]huoranthene Benzo[s]huoranthene Benzo[s]huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-2-Tichloroethane 1,1-2-Tichloroethane 1,2-3-Tichloroptopane 1,2-3-Tichloroptopane 1,2-3-Tichloroptopane 1,2-3-Dichloroethane 1,2-3-Dichloroethane 1,2-3-Dichloroethane	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04	1.50E+00 7.30E-01 7.30E+01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 1.10E+00 1.40E-02 7.40E+02 1.20E-02 7.00E+00 1.20E-01 1.50E-01	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anth	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenz[a, h]gyrene Dibenz[a, h]gyrene Huoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkerylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	3.80E-03 1.07E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]lnuoranthene Benzo[s]lfluoranthene Benzo[s]k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phytene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1-Dichlorophanel (PCPsol) bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-J-Tichloroethane 1,2-J-Dichloroethane 1,2-J-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11432	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene L2-Dichloroethene Renzene Benzene	7440382 7440393 W 18540299 W1 7439965 NF 743996 NF 7439965 73703 132649 206440 206440 86737 193395 11203 85018 129000 11066825 106467 606202 534521 106457 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	3.80E-03 1.07E-01 1.80E-03 1.50E-03	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-04 1.00E-03	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aputracene Benzo[a]aputracene Benzo[a]aputracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroetholoridio	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1,2-Tichloroethapenol (PCPs) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2-Jirchloroethane 1,2-Jirchloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440382 7440393 W 18540299 W1 7439965 NF 743996 NF 7439965 73703 132649 206440 206440 86737 193395 11203 85018 129000 11066825 106467 606202 534521 106457 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-04 1.00E-03	8E-02 9E-03 9E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aputracene Benzo[a]aputracene Benzo[a]aputracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroetholoridio	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-01 3.00E-01 3.00E-01 3.00E-01	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1,2-Tichloroethapenol (PCPs) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2-Jirchloroethane 1,2-Jirchloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440382 7440439 W 18540299 VI 7439965 NF 7439965 NF 7439976 7882492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 3.00E-02 2.00E-03 1.00E-01 3.00E-03 1.00E-01	8E-02 9E-03 9E-03 3E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]ltouranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol hist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-04 5.00E-03	8E-02 9E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluorantene Fluorantene Fluorantene Fluorantene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroto-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Lityl-chloride) Chloromethane Chloroethane Chloroethane Chloroethane Chloroethane Chloromethane Ethylbenzene	7440382 7440393 W 18540299_W 18540299_W 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 1106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-04	8E-02 9E-03 9E-03 3E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aptrane Benzo[a]aptrane Benzo[a]aptrane Benzo[b]iluoranthene Benzo[b]iluoranthene Benzo[b]iluoranthene Benzo[b]iluoranthene Benzo[b]iluoranthene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75092 75092 106414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-01	8E-02 9E-03 9E-03 3E-03 6E-03 4E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincrantene Benzo[b]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Chrysene Dibenz[a,h]anthracene Arollo-1260 1,4-Dichloroethene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Kethyl chloride) cis-1,2-Dichloroethene Dichloroethane Ethylbenzene Tetrachloroethene Toluene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	8E-02 9E-03 3E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 75092 75092 100414 127184 108883 79016	3.80E-03 1.07E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 1.00E-01	8E-02 9E-03 9E-03	4.29E-04	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincrantene Benzo[b]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Chrysene Dibenz[a,h]anthracene Arollo-1260 1,4-Dichloroethene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Kethyl chloride) cis-1,2-Dichloroethene Dichloroethane Ethylbenzene Tetrachloroethene Toluene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	8E-02 9E-03 3E-03	4.29E-04	1.50E+00	2E

		CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 19	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		
	Arsenic	7440382	ND	6.00E-03	3.00E-04	4E 02	4.29E-04	1.50E+00	
	Barium Cadmium	7440393 7440439 W	4.56E-01 ND	6.00E-03 6.00E-03	7.00E-02 5.00E-04	4E-02	4.29E-04 4.29E-04		
	Chromium	18540299 VI	5.80E-04	6.00E-03	3.00E-03	1E-03	4.29E-04		
	Manganese	7439965 NF		6.00E-03	2.00E-02		4.29E-04		
	Mercury	7439976	ND	6.00E-03	3.00E-04		4.29E-04		
	Selenium	7782492	2.34E-02	6.00E-03	5.00E-03	3E-02	4.29E-04		
	Silver	7440224	2.40E-03	6.00E-03	5.00E-03	3E-03	4.29E-04		
	2-Methylnaphthalene	91576	2.00E-03	6.00E-03	2.00E-02	6E-04	4.29E-04		
	Acenaphthene Benzo[a]anthracene	83329 56553	8.00E-04 ND	6.00E-03 6.00E-03	6.00E-02 2.00E-02	8E-05	4.29E-04 4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649		6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene Fluorene	206440	ND	6.00E-03	4.00E-02	 2E 04	4.29E-04		
	Indeno[1,2,3-c,d]pyrene	86737 193395	1.00E-03 ND	6.00E-03 6.00E-03	4.00E-02 2.00E-02	2E-04	4.29E-04 4.29E-04	7.30E-01	
	Naphthalene	91203	ND	6.00E-03	2.00E-02		4.29E-04		
	Phenanthrene	85018	2.00E-04	6.00E-03	2.00E-02	6E-05	4.29E-04		
	Pyrene	129000	ND	6.00E-03	3.00E-02		4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521 106445	ND ND	6.00E-03 6.00E-03	1.00E-04 5.00E-03		4.29E-04 4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03	J.00E-03		4.29E-04 4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	3.00E-04	6.00E-03	2.00E-02	9E-05	4.29E-04	1.40E-02	2E
	Carbazole	86748	ND	6.00E-03			4.29E-04	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	6.00E-03	3.00E-02		4.29E-04	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	6.00E-03	2.80E-01		4.29E-04		
	1,1,2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane 1,2,3-Trichloropropane	75343 96184	ND ND	6.00E-03 6.00E-03	1.00E-01 6.00E-03		4.29E-04 4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	ND	6.00E-03	3.00E-03		4.29E-04 4.29E-04	9.10E-02	
	1,2-Dichloroethene	540590	ND	6.00E-03	9.00E-03		4.29E-04		
	Acetone	67641	ND	6.00E-03	1.00E-01		4.29E-04		
	Benzene	71432	ND	6.00E-03	3.00E-03		4.29E-04	5.50E-02	
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873 156592	ND ND	6.00E-03	1.00E.02		4.29E-04 4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene Dichloromethane	75092	ND	6.00E-03 6.00E-03	1.00E-02 6.00E-02		4.29E-04 4.29E-04	7.50E-03	
	Ethylbenzene	100414	ND	6.00E-03	1.00E-01		4.29E-04	7.5012-05	
	Tetrachloroethene	127184	ND	6.00E-03	1.00E-02		4.29E-04	5.20E-02	
	Toluene	108883	ND	6.00E-03	2.00E-01		4.29E-04		
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014_A	ND	6.00E-03	3.00E-03		4.29E-04	7.20E-01	
	Xylenes (Total)	1330207	ND	6.00E-03	2.00E+00 Total	7E-02	4.29E-04	Total	21
A () I ()	A	7440260		6 00E 02	4.005.04		4.20E.04		
AOI 20	Antimony	7440360 7440382	 1.46E-02	6.00E-03	4.00E-04	 3F-01	4.29E-04	 1.50E+00	01
AOI 20	Arsenic	7440382	1.46E-02	6.00E-03	3.00E-04	3E-01	4.29E-04	 1.50E+00	
AOI 20									9I
AOI 20	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	1.46E-02 3.91E-01	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03	3E-01 3E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	9I
AOI 20	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.46E-02 3.91E-01 3.90E-03 2.03E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	3E-01 3E-02 5E-02 4E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	3E-01 3E-02 5E-02 4E-02 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo [a]anthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]hyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 0.58E-03 3.00E-03 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.46E-02 3.91E-01 3.90E-03 2.03E-02 - 3.60E-05 4.00E-03 2.40E-03 ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.46E-02 3.91E-01 3.90E-03 2.03E-02 - 3.60E-05 4.00E-03 2.40E-03 ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.46E-02 3.91E-01 3.90E-03 2.03E-02 - 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	3E-01 3E-02 5E-02 4E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E+00 7.30E+0 7.30E-02 7.30E-03 7.30E-0	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]luoranthene Benzo[b]luoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 26553 50328 205992 207089 218019 3703 132649 206440 86737 193395 91203	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 - - - - - - - - - - - - - - - - - -	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 2E-03 3E-04 2E-04 4E-04	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E-03	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]mhtracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440439 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.46E-02 3.91E-01 3.90E-03 2.03E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 2E-04 4E-04	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprtene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018	1.46E-02 3.91E-01 3.91E-03 2.03E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]aprrene Benzo[a]lpyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phene Phene Aroclor-1260	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	1.46E-02 3.91E-01 3.90E-03 2.03E-02 	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 6.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-03 2E-04 4E-04 4E-04 1E-05	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.46E-02 3.91E-01 3.91E-03 2.03E-02 	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 2E-04 2E-04 4E-04 4E-04 1E-05 	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[b]lmoranthene Benzo[b]lmoranthene Benzo[b]lmoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.46E-02 3.91E-01 3.90E-03 2.03E-02 	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 2E-04 4E-04 4E-04 1E-05 8E-05	4.29E-04 4.29E-04	1.50E+00	9F 4F
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.46E-02 3.91E-01 3.91E-03 2.03E-02 	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 3E-02 5E-02 4E-02 7E-04 5E-03 3E-03 3E-04 2E-04 2E-04 4E-04 4E-04 1E-05 	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[b]llouranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-cresol	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-05 4.00E-04 ND ND ND ND ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-02	3E-01 3E-02 5E-02 4E-02 	4.29E-04 4.29E-04	1.50E+00	91
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]orthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pyrene Anpthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether sig-2-Ethylkexylphthalate	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.46E-02 3.91E-01 3.91E-03 2.03E-02 60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-02	3E-01 3E-02 5E-02 4E-02 	4.29E-04 4.29E-04	1.50E+00	9F
20 AAOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[b]lmoranthene Benzo[b]lmoranthene Benzo[b]lmoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotolu	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 0.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	3E-01 3E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-03 4E-04 4E-04 4E-04 4E-05 8E-05 1E-02 1E-0	4.29E-04 4.29E-04	1.50E+00	9F 4F 3F
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]aprrene Benzo[a]aprrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroduene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylhexyl)phthalate Carbazole N-Nitrosodipropylamine	7440382 7440393 W 18540299 W1 7439965 NF 7439965 NF 7439965 7440224 91576 83329 205090 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-05 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-02 1.00E-03	3E-01 3E-02 4E-02 4E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	9F 4F 3F
ΑΟΙ 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitr	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439965 7439976 782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-04 2.00E-03	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	9F 4F 3F
20 AAOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]lmoranthene Benzo[b]lmoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrot	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1117817 86748 621647 87865 71556	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	3E-01 3E-02 4E-02 4E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	9I 4I 3I
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol bis(2-Chloroethyl)ethen bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440439 W 18540299_VI 18340299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-04 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 7.00E-03 7.00E-04 7.00E-03 7.00E-04 7.00E-03 7.00E-02	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	9F 4I 3I
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[b]lmoranthene Benzo[b]lmoranthene Benzo[si]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-04 5.00E-03 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	3E-01 3E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	9F 4I 3I
AAOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinpathtalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]myrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amtracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroluene 4,6-Dinitro-o-cresol 4-Methyiphenol (p-Cresol) bisg2-Chloroethylether bisg2-Ethylhexyl)phthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropropane	7440382 7440439 W 18540299_VI 18340299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 0.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-04 5.00E-03 1.00E-04 5.00E-04 1.00E-03 1.00E-04	3E-01 3E-02 4E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04 1E-02 1E-02	4.29E-04 4.29E-04	1.50E+00	9F 4I 3I
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[b]lmoranthene Benzo[b]lmoranthene Benzo[si]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitrotoluene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 1106445 106445 1117817 86748 86148 621647 87865 71556 79005 75343 96184	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-04 5.00E-03 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	3E-01 3E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	9F 4F 3F
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	3E-01 3E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	41
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[b]lmoranthene Benzo[s]lmoranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1.4-Dichlorobenzene 2,6-Dinitro-o-cresol bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 6066202 534521 106445 1111444 117817 86748 621647 87865 79055 75343 96184 107062 540590 67641 17432	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	3E-01 3E-02 4E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04 1E-02	4.29E-04 4.29E-04	1.50E+00	41
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]huoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzoftiran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Chlorocethyl]bether bisg2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthene 1,2-Dichlorocthene 1,2-Dichlorocthene L-Dichlorocthene Benzene Chlorodibromomethane	7440382 7440393 W 18540299 W1 7439965 NF 743996 206440 86737 193395 11204 86737 193395 11204 86737 193395 11204 86737 193395 11204 86737 193395 11444 117817 87865 75343 96184 107062 540590 67641 71432 540590 67641 71432	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-04 1.00E-03	3E-01 3E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-04 4E-04 4E-04 4E-05	4.29E-04 4.29E-04	1.50E+00	41 31
AOI 20	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphtracene Benzo[a]aphtracene Benzo[a]aphtracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	7440382 7440439 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 779055 75343 96184 107062 540590 67641 71432 124481	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-01 3.00E-01 3.00E-01 3.00E-01	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	91 41 111
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Chrysene Dibenz[a,h]anthracene Aroclor-1260 1,4-Dichlorochene 4,6-Dinitro-o-cresol bis(2-Chlorocethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchlorocethane 1,1,2-Tirchlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethene Acetone Benzene Chlorocethane (Ethyl chloride) Chloromethane (Methyl chloride)	7440382 7440439 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.46E-02 3.91E-01 3.90E-03 2.03E-02	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 3.00E-02 2.00E-03 1.00E-01 3.00E-03 1.00E-01	3E-01 3E-02 4E-02 4E-02 4E-02	4.29E-04 4.29E-04	1.50E+00	91 41 111
AOI 20	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dirchloroethane 1,2-Dichloroethane	7440382 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77503 96184 107062 540590 67641 71432 124481 175003 74873 156592	1.46E-02 3.91E-01 3.91E-03 3.90E-03 2.03E-02 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04 2E-04 4E-04 4E-04 4E-04	4.29E-04 4.29E-04	1.50E+00	91 41 41 111
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[s]lmtracene Benzo[s]lmtracene Benzo[s]lmtracene Benzo[s]lfluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bist2-Chloroethylpether bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Chloroethene Dichloromethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 0.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-04 5.00E-03	3E-01 3E-02 4E-02 4E-02	4.29E-04	1.50E+00	9E 4E 4E 1E
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene L2,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Cisloromethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Cisloromethane Lichloroethene Dichloromethane Lichloromethane	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 1106445 117817 87865 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-03 4.00E-04 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-04	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04 2E-04 4E-04 4E-04 4E-04	4.29E-04	1.50E+00	9E 4E 3E 5E
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmtracene Benzo[s]lmtracene Benzo[s]lmtracene Benzo[s]lmtracene Benzo[s]lfluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bist2-Chloroethylpether bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Chloroethene Dichloromethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 0.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-04 5.00E-03	3E-01 3E-02 4E-02	4.29E-04	1.50E+00	9E 4E 3E 5E
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Af-Dinitro-to-cresol 4-6-Dinitro-toluene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 1,1-Tirchloroethane 1,1-Tirchloroethane 1,1-Tirchloroethane 1,1-Tirchloroethane 1,1-Tirchloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Edichloromethane Ethylbenzene Tetrachloroethene Lichloroethene Lichloroethene Lichloroethene Lichloroethene Lichloroethene Lichloroethene	7440382 7440439 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 75343 96184 107062 540590 67641 71432 124481 75003 74873 75692 75092 75092	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-01	3E-01 3E-02 4E-02 4E-02 7E-04 5E-03 3E-03 3E-03 3E-04	4.29E-04	1.50E+00	9E 9
AOI 20	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincrantene Benzo[b]lincranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethene L2,3-Trichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	1.46E-02 3.91E-01 3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 6.58E-03 3.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	3E-01 3E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-04 6E-05	4.29E-04	1.50E+00	9E

AOI	Chemical	CAS Number	Cgw (mg/L)	HIFNC	oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ri
AOI 21	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		
	Arsenic		1.76E-02	6.00E-03	3.00E-04	4E-01 2E-02	4.29E-04	1.50E+00	1E
	Barium Cadmium	7440393 7440439 W	2.33E-01 5.30E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04	6E-02	4.29E-04 4.29E-04	-	
	Chromium	18540299_VI	3.21E-02	6.00E-03	3.00E-03	6E-02	4.29E-04		
	Manganese	7439965_NF		6.00E-03	2.00E-02		4.29E-04		
	Mercury Selenium	7439976	9.90E-05 8.20E-03	6.00E-03	3.00E-04 5.00E-03	2E-03 1E-02	4.29E-04		
	Silver	7782492 7440224	3.10E-03	6.00E-03 6.00E-03	5.00E-03	4E-03	4.29E-04 4.29E-04		
	2-Methylnaphthalene	91576	4.49E-03	6.00E-03	2.00E-02	1E-03	4.29E-04		
	Acenaphthene	83329	3.10E-03	6.00E-03	6.00E-02	3E-04	4.29E-04		
	Benzo[a]anthracene	56553	2.00E-04	6.00E-03	2.00E-02	6E-05	4.29E-04	7.30E-01	6E
	Benzo[a]pyrene Benzo[b]fluoranthene	50328 205992	ND ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E+00 7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	3.00E-04	6.00E-03	2.00E-02	9E-05	4.29E-04	7.30E-03	9I
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran Fluoranthene	132649	ND 5.00E-04	6.00E-03 6.00E-03	4.00E-03 4.00E-02	 8E-05	4.29E-04 4.29E-04		
	Fluorene	86737	3.52E-03	6.00E-03	4.00E-02	5E-04	4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	ND	6.00E-03	2.00E-02		4.29E-04		
	Phenanthrene Pyrene	85018 129000	2.46E-03 4.00E-03	6.00E-03 6.00E-03	2.00E-02 3.00E-02	7E-04 8E-04	4.29E-04 4.29E-04		
	Aroclor-1260	11096825	4.00L-03	6.00E-03	2.00E-02	oL=04	4.29E-04 4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521	5.00E-03 ND	6.00E-03 6.00E-03	1.00E-04 5.00E-03	3E-01	4.29E-04 4.29E-04		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445 111444	ND ND	6.00E-03 6.00E-03	5.00E-03		4.29E-04 4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	6.86E-02	6.00E-03	2.00E-02	2E-02	4.29E-04	1.40E-02	4E
	Carbazole	86748	1.00E-03	6.00E-03			4.29E-04	2.00E-02	9E
	n-Nitrosodipropylamine	621647	ND 7.00E.04	6.00E-03	2 00E 02	 1E 04	4.29E-04	7.00E+00	41
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane	87865 71556	7.00E-04 ND	6.00E-03 6.00E-03	3.00E-02 2.80E-01	1E-04	4.29E-04 4.29E-04	1.20E-01	4E
	1,1,2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	ND	6.00E-03	1.00E-01		4.29E-04		
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-03		4.29E-04	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND 1.16E-01	6.00E-03 6.00E-03	3.00E-02 9.00E-03	 8E-02	4.29E-04 4.29E-04	9.10E-02	
	Acetone		2.40E-03	6.00E-03	1.00E-01	1E-04	4.29E-04		
	Benzene	71432	4.24E-03	6.00E-03	3.00E-03	8E-03	4.29E-04	5.50E-02	11
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	75003 74873	ND 3.92E-03	6.00E-03 6.00E-03	4.00E-01		4.29E-04 4.29E-04	2.90E-03 1.30E-02	2F
	cis-1,2-Dichloroethene	156592	1.20E-01	6.00E-03	1.00E-02	7E-02	4.29E-04 4.29E-04	1.3012-02	21
	Dichloromethane	75092	ND	6.00E-03	6.00E-02		4.29E-04	7.50E-03	
	Ethylbenzene	100414	5.00E-04	6.00E-03	1.00E-01	3E-05	4.29E-04		
	Tetrachloroethene Toluene	127184 108883	ND 3.42E-03	6.00E-03 6.00E-03	1.00E-02 2.00E-01	 1E-04	4.29E-04 4.29E-04	5.20E-02	
	Trichloroethene	79016	5.48E-03	6.00E-03	3.00E-01	1E-04	4.29E-04 4.29E-04	1.10E-02	3E
	Vinyl Chloride	75014_A	5.09E-02	6.00E-03	3.00E-03	1E-01	4.29E-04	7.20E-01	2F
	Xylenes (Total)	1330207	1.00E-03	6.00E-03	2.00E+00 Total	3E-06 1E+00	4.29E-04	Total	3E
OI 22A	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		
	Arsenic Barium	7440382 7440393	1.66E-02 4.57E-01	6.00E-03 6.00E-03	3.00E-04 7.00E-02	3E-01 4E-02	4.29E-04 4.29E-04	1.50E+00	11
	Cadmium	7440439 W	5.12E-04	6.00E-03	5.00E-04	6E-03	4.29E-04		
	Chromium	18540299_VI	3.10E-03	6.00E-03	3.00E-03	6E-03	4.29E-04		
	Manganese	7439965_NF	1.02E+00	6.00E-03	2.00E-02	3E-01	4.29E-04		
	Mercury Selenium	7439976 7782492	6.40E-04 5.90E-03	6.00E-03 6.00E-03	3.00E-04 5.00E-03	1E-02 7E-03	4.29E-04 4.29E-04		
	Silver	7440224		6.00E-03	5.00E-03	4E-03	4.29E-04 4.29E-04		
	2-Methylnaphthalene		1.48E-02	6.00E-03	2.00E-02	4E-03	4.29E-04		
	Acenaphthene	83329	4.93E-03	6.00E-03	6.00E-02	5E-04	4.29E-04		
	Benzo[a]anthracene	56553	ND	6.00E-03	2.00E-02		4.29E-04 4.29E-04	7.30E-01	
	Benzo[a]pyrene Benzo[b]fluoranthene	50328	ND	6.00E-03	2.00E-02				
		205902	NII	6 00F-03				7.30E+00	
	Benzo[k]fluoranthene	205992 207089	ND ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04		
	Chrysene	207089 218019	ND ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03	
	Chrysene Dibenz[a,h]anthracene	207089 218019 53703	ND ND ND	6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02	-	4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran	207089 218019 53703 132649	ND ND ND 9.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	 1E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Chrysene Dibenz[a,h]anthracene	207089 218019 53703	ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02	-	4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	207089 218019 53703 132649 206440	ND ND ND 9.40E-03 2.26E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	 1E-02 3E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Chrysene Dibenz/a,h]anthracene Dibenz/duran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	207089 218019 53703 132649 206440 86737 193395 91203	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02	 1E-02 3E-04 1E-03 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	
	Chrysene Dibenz/a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	207089 218019 53703 132649 206440 86737 193395 91203 85018	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-02 3E-04 1E-03 7E-04 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	 1E-02 3E-04 1E-03 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	
	Chrysene Dibenz/a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	207089 218019 53703 132649 206440 86737 193395 91203 85018	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-cresol	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-cresol	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bist2-Chloroethyl)ether bist2-Eithylhexyl)phthalate Carbazole	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND ND ND 2.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03	 1E-02 3E-04 1E-03 7E-04 3E-03 7E-04 2E-03 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-02 7.30E+00 	51
	Chrysene Dibenz[a,h]anthracene Dibenza[n:a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis[2-Chloroethylether bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-03 		4.29E.04 4.29E.04	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E+00 1.40E-02 2.00E-02 7.00E+00	5H 3H
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 0.70E-02 3.46E-03 ND ND ND ND ND ND 0.00E-03 ND 9.00E-03 ND 0.00E-03 ND 0.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03	1E-02 3E-04 1E-03 	4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-00 	5H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[n:a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)eth	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1064467 606202 534521 106445 111444 117817 86748 621647 87865 71556	ND ND ND 9.40E-03 2.26E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 ND 9.00E-03 ND 9.00E-03 ND 3.00E-03 2.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	TE-02 3E-04 1E-03 TE-04 3E-04 TE-04	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	5H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 0.70E-02 3.46E-03 ND ND ND ND ND ND 0.00E-03 ND 9.00E-03 ND 0.00E-03 ND 0.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03	1E-02 3E-04 1E-03 	4.29E-04 4.29E-04	7.30E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-00 	5H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[n:a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis[2-Chloroethylether bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloropropane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 4.00E-03 ND 0.00E-03 1.00E-03 2.02E-01 1.00E-03 2.02E-01 1.00E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 	1E-02 3E-04 1E-03 7E-04 3E-03 7E-04 2E-03 3E-03 6E-04 6E-03 5E-03 1E-01 2E-02	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 2.00E-02 5.70E-02 2.00E+00	5H 3H 2H 7H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloropropane 1,2-3-Trichloropropane 1,2-Dichloroethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 5334521 106445 111444 117817 86748 621647 787865 71556 79005 75343 96184	ND ND ND 9.40E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 9.00E-03 ND 9.00E-03 ND 3.00E-03 2.62E-01 3.00E-03 2.00E-03	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-04 5.00E-03 	TE-02 3E-04 1E-02 3E-04 1E-04 3E-03 7E-04 2E-03 3E-03 6E-04 6E-04 5E-03 1E-01 2E-01 2E-02	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	5H 3H 2H 7H 1H 8H
	Chrysene Dibenz[a,h]anthracene Dibenza[n,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Tinchlorocthane 1,1,1-Tirchlorocthane 1,1,2-Tirchlorocthane 1,2,3-Tirchlorocthane 1,2-Dichlorocthene	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	ND ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 ND 9.00E-03 2.06E-03 3.00E-03 2.06E-00 1.50E-02 2.00E+00 1.50E-02	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E-00 1.20E-01 5.70E-02 2.00E-00 9.10E-02	5H 3H 2H 7H 1H 8H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bist]2-Chloroecthylether bist]2-Ehroecthylether bist]2-Ehroecthylether bist]2-Ehroecthylether bist]2-Ehroecthylether bist]1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Tichloroethane 1,2-Dichloroethane 1,2-Tichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 9.00E-03 4.00E-03 ND ND 1.00E-03 2.00E-01 3.00E-03 2.00E+00 1.50E-02 2.00E-03 3.70E+00 1.50E-02	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 4.00E-03 1.00E-04 0.00E-03 1.00E-04 0.00E-03 1.00E-04 0.00E-03 1.00E-04	TE-02 3E-04 1E-03 TE-04 3E-03 7E-04 TE-04 TE-03 TE-04 TE-04 TE-03 TE-01 TE-01 TE-02 TE-03 TE-01 TE-02 TE-03 TE-01 TE-02 TE-04 TE-04 TE-04 TE-04 TE-04	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	5H 3H 2H 7H 1H 8H
	Chrysene Dibenz[a,h]anthracene Dibenza[n,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Elbrotecthyl)ether bis(2-Tinchlorocthane 1,1,1-Tirchlorocthane 1,1,2-Tirchlorocthane 1,2,3-Tirchlorocthane 1,2-Dichlorocthene	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	ND ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 ND 9.00E-03 2.06E-03 3.00E-03 2.06E-00 1.50E-02 2.00E+00 1.50E-02	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E-00 1.20E-01 5.70E-02 2.00E-00 9.10E-02	5H 3H 2H 1H 8H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylphenyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 71556 79005 75343 96184 107062 540590 67641 71432 124481	ND ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND ND ND ND ND 3.00E-03 ND ND 0.00E-03 ND ND 0.00E-03 3.00E-03 2.02E-01 3.00E-03 2.00E+00 1.50E-02 2.00E-03 ND 1.50E-02 1.30E-02	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 8.40E-02 8.40E-02	5H 3H 2H 1H 8H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenza[a,h]anthracene Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,2,3-Trichlorocthane 1,2-Dichlorocthene 1,2-Dichlorocthene Acetone Benzene Chlorodibromomethane Chlorocthane (Ethyl chloride) Chloromethane (Ethyl chloride)	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	ND ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 ND 3.00E-03 2.06E+03 3.00E-03 2.00E+04 1.50E-02 2.00E-04 1.50E-02 1.50E-02 1.50E-02	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 2.00E-02 2.00E-02 1.00E-03 1.00E-04 0.0E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-02 2.00E-02 4.00E-03 1.00E-03	1E-02 3E-04 1E-03 	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00	5H 3H 2H 8H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Chloroecthylether bisg2-Chloroecthylether bisg2-Ehirochylether bisg2-Ehirochylether bisg2-Ehirochylether bisg2-Ehirochylether bisg2-Floroethylether bisg2-Ehirochylether bisg2-Ehir	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 5408700 74873 74873 156592	ND ND ND 9.40E-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND ND ND 2.00E-03 4.00E-03 ND 3.00E-03 2.02E-01 1.50E-02 2.00E-03 1.50E-02 1.50E-02 1.50E-02 1.50E-02 1.50E-02 1.50E-02 1.50E-02 1.18E-02 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND ND 1.70E-01 ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02	1E-02 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-01 1E-03 1E-03 1E-01 1E-03	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.00E+00 1.20E-01 5.70E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02	5H 3H 7H 1H 8H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-or-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloropthenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Dichloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Cis-1,2-Dichloroethene Dichloromethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647 87865 71556 79035 96184 107062 540590 67641 71432 124481 75003 74873	ND ND ND 9.40E-03 ND ND ND 2.42E-03 1.07E-02 3.46E-03 ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-04 1.00E-03 1.00E-01 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-04 1.00E-03 1.00E-01 2.00E-02 2.00E-02 4.00E-03 3.00E-02 2.00E-02 4.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-03	1E-02 3E-04 1E-03	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00	5H 3H 2H 3H 2H 5H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Fluorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 1-Methylphenol (p-Cresol)	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1064467 606202 534521 106445 111444 117817 87865 71056 79005 67641 71432 124481 75003 74873 156592 75092	ND ND 9.40E-0.5 ND ND ND 9.40E-0.5 ND ND 9.40E-0.3 ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 4.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-04 1.00E-03 1.00E-04 2.80E-01 2.80E-01 4.00E-03 1.00E-04 4.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02 4.00E-02	1E-02 3E-03 7E-04 3E-03 7E-04 3E-03 7E-04 3E-03	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 7.30E-02 7.00E-02 7.00E-02 7.00E-02 7.00E-02 7.00E-02 7.570E-02 7.550E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	5H 3H 2H 1H 8H 3H 2H 2H 2H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-or-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloropthenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Dichloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Cis-1,2-Dichloroethene Dichloromethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647 87865 71556 79035 96184 107062 540590 67641 71432 124481 75003 74873	ND ND ND 9.40E-03 ND ND ND 2.42E-03 1.07E-02 3.46E-03 ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-04 1.00E-03 1.00E-01 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-04 1.00E-03 1.00E-01 2.00E-02 2.00E-02 4.00E-03 3.00E-02 2.00E-02 4.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-03	1E-02 3E-04 1E-03	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 1.40E-02 7.00E+00 1.20E-01 5.70E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	5H 3H 2H 2H 5H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bistj2-Chloroecthylether bist/2-Eithylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane Elpylenzene Tetrachloroethane Elpylenzene Tetrachloroethane Toluene Trichloroethane	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016	ND ND 9.40E-03 ND P.40E-03 ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	1E-02 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-01 1E-04 1E-04 1E-04 1E-04 1E-04 1E-04 1E-04	4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 7.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03 5.20E-02 5.20E-02 5.20E-02 1.10E-02	5H 3H 2H 3H 2H
	Chrysene Dibenz[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichloro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene Toluene	207089 218019 23703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 111444 117817 186748 621647 78675 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414 127184 108883 79016	ND ND ND 9,40E-03 ND ND 2,26E-03 6.84E-03 ND 2,42E-03 1.07E-02 3,46E-03 ND ND ND ND ND ND 3,00E-03 2,06E-03 3,00E-03 2,00E-00 1.50E-02 2,00E-03 1,70E+00 1.30E-02 1,18E-02 ND 1,70E-01 ND 3,70E+00 1,50E-03 1,00E-03	6.00E-03 6.00E-03	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	1E-02 3E-03 7E-04 3E-03 7E-04 3E-03 7E-04 3E-03 7E-04 6E-03 5E-03 5E-03 5E-03 3E-03 7E-04 6E-04 4E-04 4E-04 4E-04 4E-04	4.29E-04 4.29E-04	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03 7.50E-03	5H 3H 2H 1H 8H 3H 2H 5H 2H

		CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 27	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		-
	Arsenic	7440382		6.00E-03	3.00E-04	1E-01	4.29E-04	1.50E+00	4E
	Barium Cadmium	7440393 7440439 W	3.22E-01 3.27E-03	6.00E-03 6.00E-03	7.00E-02 5.00E-04	3E-02 4E-02	4.29E-04 4.29E-04	-	
	Chromium	18540299 VI	9.00E-02	6.00E-03	3.00E-03	2E-01	4.29E-04		
	Manganese	7439965 NF		6.00E-03	2.00E-02		4.29E-04		
	Mercury	7439976	ND	6.00E-03	3.00E-04		4.29E-04		
	Selenium	7782492	1.79E-02	6.00E-03	5.00E-03	2E-02	4.29E-04		
	Silver	7440224	6.90E-03	6.00E-03	5.00E-03	8E-03	4.29E-04		
	2-Methylnaphthalene	91576	ND	6.00E-03	2.00E-02		4.29E-04		
	Acenaphthene Benzo[a]anthracene	83329 56553	ND ND	6.00E-03 6.00E-03	6.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649	ND	6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene Fluorene	206440 86737	ND 3.00E-04	6.00E-03 6.00E-03	4.00E-02 4.00E-02	 5E-05	4.29E-04 4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02	3E=03	4.29E-04 4.29E-04	7.30E-01	
	Naphthalene	91203	2.00E-04	6.00E-03	2.00E-02	6E-05	4.29E-04		
	Phenanthrene	85018	ND	6.00E-03	2.00E-02		4.29E-04		
	Pyrene	129000	ND	6.00E-03	3.00E-02		4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	606202 534521	ND ND	6.00E-03 6.00E-03	1.00E-03 1.00E-04		4.29E-04 4.29E-04	6.80E-01	
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-04		4.29E-04 4.29E-04		
	bis(2-Chloroethyl)ether	111444	1.00E-03	6.00E-03			4.29E-04	1.10E+00	5E
	bis(2-Ethylhexyl)phthalate	117817	9.00E-03	6.00E-03	2.00E-02	3E-03	4.29E-04	1.40E-02	5E
	Carbazole	86748	ND	6.00E-03			4.29E-04	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865	3.00E-03	6.00E-03	3.00E-02	6E-04	4.29E-04	1.20E-01	2E
	1,1,1-Trichloroethane 1,1,2-Trichloroethane	71556 79005	ND ND	6.00E-03	2.80E-01 4.00E-03		4.29E-04 4.29E-04	5.70E-02	
	1,1,2-1richloroethane	75343	ND ND	6.00E-03 6.00E-03	1.00E-03		4.29E-04 4.29E-04	5.70E-02	
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-03		4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	ND	6.00E-03	3.00E-02		4.29E-04	9.10E-02	
	1,2-Dichloroethene	540590	2.86E-03	6.00E-03	9.00E-03	2E-03	4.29E-04		
	Acetone	67641	1.10E-02	6.00E-03	1.00E-01	7E-04	4.29E-04		
	Benzene	71432	8.00E-04	6.00E-03	3.00E-03	2E-03	4.29E-04	5.50E-02	2E
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	75003 74873	ND ND	6.00E-03 6.00E-03	4.00E-01		4.29E-04 4.29E-04	2.90E-03 1.30E-02	
	cis-1,2-Dichloroethene	156592	3.00E-03	6.00E-03	1.00E-02	2E-03	4.29E-04 4.29E-04	1.3012-02	
	Dichloromethane	75092	1.50E-03	6.00E-03	6.00E-02	2E-04	4.29E-04	7.50E-03	5E
	Ethylbenzene	100414	ND	6.00E-03	1.00E-01		4.29E-04		
	Tetrachloroethene	127184	ND	6.00E-03	1.00E-02		4.29E-04	5.20E-02	
	Toluene	108883	ND	6.00E-03	2.00E-01		4.29E-04		
	Trichloroethene	79016	3.10E-03	6.00E-03	3.00E-04	6E-02	4.29E-04	1.10E-02	115
	Vinyl Chloride	75014_A	ND	6.00E-03	3.00E-03		4.29E-04	7.20E-01	
	Xylenes (Total)	1330207	ND	6.00E-03	2.00E+00		4.29E-04		
	Xylenes (Total)	1330207	ND			5E-01	4.29E-04	Total	
				6.00E-03	2.00E+00 Total	5E-01		Total	
AOI 30	Antimony	7440360		6.00E-03	2.00E+00 Total 4.00E-04	5E-01	4.29E-04	Total	5E
AOI 30	Antimony Arsenic	7440360 7440382	 1.91E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04	5E-01 4E-01	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium	7440360 7440382 7440393	1.91E-02 7.65E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	5E-01 4E-01 7E-02	4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	1.91E-02 7.65E-01 3.07E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	5E-01 4E-01	4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium	7440360 7440382 7440393	 1.91E-02 7.65E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	5E-01 4E-01 7E-02 4E-02	4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.91E-02 7.65E-01 3.07E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	5E-01 4E-01 7E-02 4E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00	SE IE
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553	1.91E-02 7.65E-01 3.07E-03 4.23E-02 - 4.80E-05 1.36E-02 3.20E-03 0.7E-01 9.24E-02 2.03E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03 6E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01	SE IE
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03 6E-03 8E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Huoranthene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7459976 7782492 7440224 91576 833329 56553 50328 205992	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03 6E-03 8E-03 9E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-01	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03 6E-03 8E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]iloranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.91E-02 7.65E-01 3.07E-03 4.23E-02 -4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 2E-01 9E-03 8E-03 8E-03 8E-03 8E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-01 9E-03 6E-03 8E-03 9E-03 8E-03 6E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-01 9E-03 8E-03 9E-03 8E-03 6E-03 6E-02 6E-02 6E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-03 7.30E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[h]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03 4.00E-03	5E-01 4E-01 7E-02 4E-02 1E-03 2E-02 4E-03 2E-01 9E-03 8E-03 9E-03 8E-03 6E-02 6E-03 2E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluorene Fluorene Fluorene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-02 6E-02 6E-02	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-03 7.30E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[h]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.20E-03 3.20E-03 6.07E-01 2.30E-02 2.30E-02 2.30E-02 2.30E-02 2.80E-02 2.80E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	5E-01	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene	7440360 7440382 7440439 7440439 7440439 744904 7439965 NF 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02	5E-01 4E-01 7E-02 4E-02 8E-02 1E-03 2E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-02 6E-02 6E-02	4.29E-04 4.29E-04	Total	5E
AAOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 2055992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	5E-01	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-01 7.30E-01 2.00E+00	5E
AAOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracen Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 1.11E-02 ND ND 6.52E-02 1.14E-01 4.26E-02 ND 0.52E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	5E-01	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]luoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,c]a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthrace	7440360 7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018 129000 11096825 106467 606202	1.91E-02 7.65E-01 3.07E-03 4.23E-02 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.80E-02 2.81E-02 2.11E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 9.24E-02 1.14E-01 ND 0.06E-03 1.06E-02 ND 0.06E-03 ND 0.06E-03 ND 0.06E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	5E-01 4E-01 7E-02 4E-02 4E-02 1E-03 2E-01 4E-03 2E-01 6E-03 9E-03 6E-03 2E-02 6E-03 2E-02 6E-03 2E-02 6E-03 6E-04	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-01 7.30E-01 2.00E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzo[h]ruranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND 4.06E-02 ND 4.00E-03 ND 4.00E-03 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND 0.52E-02 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-01	5E-01 4E-01 7E-02 4E-02 - 1E-03 2E-02 4E-03 8E-03 8E-03 8E-03 6E-03 6E-03 2E-02 - 2E-02 - 6E-04 - 6E-04 6E-04	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/a,h]anthracene Dibenz/a,h]anthracene Dibenz/a,h]anthracene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,4-Methylphenol (p-Cresol)	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.23E-02 3.20E-03 6.20E-03 2.20E-03 2.28E-02 2.80E-02 2.84E-02 2.69E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 0.00E-03	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	5E-01 4E-01 7E-02 4E-02 4E-02 1E-03 2E-01 4E-03 2E-01 6E-03 9E-03 6E-03 2E-02 6E-03 2E-02 6E-03 2E-02 6E-03 6E-04	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]anthra	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 3.20E-03 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.14E-01 ND 4.06-02 1.06-02 1.06-03 ND 1.06-03 ND 1.06-03 ND ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	5E-01 4E-01 7E-02 4E-02 - 1E-03 2E-02 4E-02 4E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-02 6E-02 6E-02 6E-02 6E-02 6E-02 6E-02 6E-02 7 6E-04	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/a,h]anthracene Dibenz/a,h]anthracene Dibenz/a,h]anthracene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,4-Methylphenol (p-Cresol)	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 111444 117817	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.23E-02 3.20E-03 6.20E-03 2.20E-03 2.28E-02 2.80E-02 2.81E-02 2.69E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 0.00E-03	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-01	5E-01 4E-01 7E-02 4E-02 - 1E-03 2E-02 4E-03 8E-03 8E-03 8E-03 6E-03 6E-03 2E-02 - 2E-02 - 6E-04 - 6E-04 6E-04	4.29E-04 4.29E-04	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[sl]pyrene Benzo[sl]horanthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 5,6-Eichlene (P-Cresol) Dist(2-Eihylhexyl)phthalate Carbazole	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.69E-02 1.11E-02 ND 0.52E-02 1.14E-01 4.26E-02 ND 0.50E-03 ND 0.50E-03 ND ND 1.90E-03 ND 1.27E-01	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04	5E-01 4E-01 7E-02 4E-02 4E-03 2E-02 4E-03 2E-03 6E-03 6E-03 2E-02 6E-03 2E-02 9E-03 6E-04 6E-04 4E-03	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethloreethyl)ether bis(2-Ethloreethyl)ether bis(2-Ethloreethyl)ether bis(2-Ethloreethyl)ether bis(2-Ethloreethyl)ether	7440360 7440382 7440389 W 18540299_V1 7439965_NF 7439976 733979 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.91E-02 7.65E-01 3.07E-03 3.07E-03 1.36E-02 3.20E-03 3.20E-03 5.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.52E-02 1.84E-01 4.26E-03 ND ND ND ND ND ND ND ND 1.90E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	5E-01 4E-01 7E-02 4E-02 8E-02	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisj2-Chloroethyl)ether bisj2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 87865 111444 117817 87865 71556	1.91E-02 7.65E-01 3.07E-02 7.65E-01 3.07E-02 1.36E-02 3.20E-03 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND 1.77E-01	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-05 3.00E-03 3.00E-03 5.00E-03 4.00E-05 5.00E-03 5.00E-03	5E-01 4E-01 7E-02 4E-02 - 1E-03 2E-02 4E-03 9E-03 6E-03	4.29E-04 4.29E-04	Total	5E 6E 9E 9E 8E 7E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzo[kranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elhylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.87E-02 1.14E-01 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.92E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 4E-03 1E-03 6E-03 6E-03 6E-03 2E-02 9E-03 6E-04 6E-04 1E-03	4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lnoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 733979 7440224 7440224 7440224 740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206445 111444 117817 86748 621647 87865 71556 79005	1.91E-02 7.65E-01 3.07E-03 4.23E-02 1.36E-02 3.20E-03 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.52E-02 1.84E-01 4.26E-03 ND ND ND ND ND 1.27E-01 1.27E-01 ND ND 1.27E-01 ND ND 1.27E-01 ND ND ND 1.27E-01 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 - 4E-02 - 4E-03 2E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-03 - 6E-02 9E-03	4.29E-04 4.29E-04	Total	6E 9E 9E 8E 7E 3E 3E 3E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzo[uran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisty2-Chlorocethylether bisty2-Ehrorocethylether bisty2-Ehrorocethylether bisty2-Ehrorochylether	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 11908025 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 2.84E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND 9.00E-03	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 - 4E-02 - 1E-03 2E-02 4E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-03 6E-03 6E-04	4.29E-04 4.29E-04	Total 1.50E+00	5E 1E 6E 9E 9E 7E 7E 3E 3E 3E 3E 8E 8E 8E
AQI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Jibenz[a,h]anthracene Jibenz[a,h]anthracene Jibenz[a,h]anthracene J,-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis[2-Ethylkeylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloropane 1,2-Dichloroethane	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 116444 117817 86748 621647 87865 71556 79005 75343 96184	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.81E-02 2.81E-02 ND 4.10E-02 3.77E-02 1.14E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND 5.00E-03 ND ND 5.00E-03 ND ND 9.00E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 3.00E-03 3.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 4E-03 2E-02 4E-03 9E-03 6E-03 9E-03 6E-03 2E-02 9E-03 2E-02 9E-03 1E-03	4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anth	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 0196825 106467 606202 534521 106455 111444 117817 87865 71556 79005 75343 96184 107062 540590	1.91E-02 7.65E-01 3.07E-02 7.65E-01 3.07E-02 2.03E-02 2.03E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND ND ND 9.00E-03 ND ND ND 0.00E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-03 6E-02 6E-04 6E-02 6E-02 6E-02 6E-02 6E-02 6E-02 7 6E-04 7 1E-03 1	4.29E-04 4.29E-04	Total	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]moranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol bist]2-Chloroe-cresol 4-Methylphenol (p-Cresol) bist]2-Chloroe-cresol 4-Methylphenol (p-Cresol) bist]2-Chloroe-thylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethylether bist]2-Eirchloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 779005 75343 96184 107062 540590 67641	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.18E-01 4.26E-02 ND 3.00E-03 ND 1.97E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND ND 0.00E-03 ND 0.00E	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04	5E-01 4E-01 7E-02 4E-02 - 4E-03 2E-02 4E-03 6E-03 6E-03 6E-03 2E-02 6E-04 4E-02 - 4E-03 - 4	4.29E-04	Total 1.50E+00	5E 1E 6E 9E 9E 8E 7E 3E 3E 3E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lnoranthene Chrysene Dibenz[a,b]anthracene Aroclor-1260 1,4-Dichlorobene 4,6-Dinitro-o-cresol Dist(2-Chloroethyl)ether Dist(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206405 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	1.91E-02 7.65E-01 3.07E-03 1.30E-03 1.36E-02 3.20E-03 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.52E-02 1.84E-01 4.26E-02 ND ND ND ND 1.27E-01 ND ND 1.27E-01 ND ND 0.20E-03 ND 0.20E-	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 3.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 2E-02 4E-03 8E-03 8E-03 9E-03 8E-03 6E-03	4.29E-04 4.29E-04	Total	5E 1E 6E 9E 9E 8E 7E 3E 3E 3E 3E 3E 3E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]hardracene Dibenz[a,k]anthracene Pluoranthene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) 4-Methylphenol (p-Cres	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 1196825 106467 606202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.14E-01 ND 1.06-03 ND 1.09-03 ND 1.27E-01 3.00E-03 ND ND 1.00E-03 ND ND 9.00E-03 ND ND 9.00E-03 ND ND 9.00E-03 ND ND 9.00E-03 ND ND 1.27E-01 1.00E-03 ND	6.00E-03 6.00E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-01	5E-01 4E-01 7E-02 4E-02 - 4E-03 2E-02 4E-03 6E-03 6E-03 6E-03 2E-02 6E-04 4E-02 - 4E-03 - 4	4.29E-04	Total 1.50E+00	5E 1E 6E 9E 9E 8E 7E 3E 3E 3E 3E 3E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[sl]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene L,2-Dichloroethane L,2-Dichloroethane L,2-Dichloroethane L,2-Dichloroethene L,2-Dichloroethene L,2-Dichloroethene L,2-Dichloroethene L,2-Dichloroethene Benzene Chlorodibromomethane Chloroethoroethoriceliorici	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206405 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	1.91E-02 7.65E-01 3.07E-03 1.30E-03 1.36E-02 3.20E-03 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.52E-02 1.84E-01 4.26E-02 ND ND ND ND 1.27E-01 ND ND 1.27E-01 ND ND 0.20E-03 ND 0.20E-	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 3.00E-02 2.00E-02	5E-01 4E-01 7E-02 4E-02 - 4E-02 - 1E-03 8E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-03 6E-03 6E-04	4.29E-04 4.29E-04	Total	5E 1E 6E 9E 9E 9E 7E 3E 3E 3E 3E 3E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]hardracene Dibenz[a,k]anthracene Pluoranthene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) 4-Methylphenol (p-Cres	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 2534521 106445 1111444 117817 86748 621447 87865 71556 79005 75343 96184 107062 540590 67641 171432 124481	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.81E-02 2.81E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND ND 1.90E-03 ND 1.90E-03 ND 5.00E-03 ND ND 5.00E-03 ND ND 9.00E-03 ND ND 9.00E-03 ND ND 0.32E-02 1.65E-02 7.97E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-02	5E-01 4E-01 7E-02 4E-02 4E-03 2E-02 4E-03 9E-03 6E-03 6E-03 6E-03 6E-03 6E-04 6E-02 9E-03 1E-03 1	4.29E-04	Total 1.50E+00	5E 11E 15E 15E 15E 15E 15E 15E 15E 15E 1
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichlorophane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.91E-02 7.65E-01 3.07E-02 7.65E-01 3.07E-02 2.03E-02 2.03E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND ND ND 1.90E-03 ND ND 1.77E-01 ND ND 1.77E-01 1.80E-03 ND ND ND ND 1.77E-01 1.80E-03 ND	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 2.80E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-03 8E-03 6E-03 6E-02 6E-02 6E-02 6E-02 6E-02 6E-02 1E-03	4.29E-04 4.29E-04	Total 1.50E+00	5E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzo[h]ruranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bistj2-Chloroethylether bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 1196825 106467 666202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 75003 74873 156592 75092	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.87E-02 1.14E-01 ND 4.06E-02 ND 4.06E-02 ND 4.06E-03 ND 1.92E-01 3.00E-03 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND ND 1.97E-01 3.00E-03 ND ND ND 1.97E-03 ND ND ND 1.98E-02 1.97E-03 ND	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-01 1.00E-01	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 2E-02 4E-03 8E-03 8E-03 8E-03 6E-03 6E-03 6E-03 6E-03 6E-03 6E-03 6E-04	4.29E-04	Total 1.50E+00	SE S
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lnoranthene Chrysene Dibenz[a, h]anthracene Dichloroethane L,2-Dichloroethane L,2-Dichloro	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 75092	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.84F-02 2.87F-02 1.11E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.27E-01 3.00E-03 ND ND 1.27E-01 3.00E-03 ND ND 5.00E-03 ND ND ND 5.00E-03 ND ND ND 8.46E-03 ND ND 8.46E-03 ND ND ND 8.46E-03 3.00E-03 ND	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-01 3.00E-01 3.00E-02 2.00E-02 2.00E-02 3.00E-02	5E-01 4E-01 7E-02 4E-02 4E-03 2E-02 4E-03 9E-03 6E-03 9E-03 6E-03 2E-02 9E-03 1E-03 2E-02 9E-03 1E-03 2E-02 9E-03 1E-03	4.29E-04	Total	5E 1E 6E 9E 9E 3E 3E 3E 5E 5E 5E 5E 5E 5E 5
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene L,3-Dirintrotoluene L,6-Dinitroto-cresol bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene L,2-Dichloroethene Loroethane Litylbenzene Chloromethane Litylbenzene Ettylbenzene Tetrachloroethene Toluene Toluene	7440360 7440382 744039] W 1854029]VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 9206440 110645 1117817 87865 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	1.91E-02 7.65E-01 3.07E-02 7.65E-01 3.07E-02 2.03E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND ND 1.90E-03 ND ND 1.77E-01 3.00E-03 ND ND ND 1.79E-01 3.00E-03 ND ND ND 1.79E-03 ND ND 1.79E-04 ND 1.79E-	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 2.00E-02 2.00E-01 1.00E-01 3.00E-02 2.00E-01 1.00E-01	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-03 8E-03 6E-03 8E-03 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-04 6E-04 6E-03 6E-04 6E-03 6E-04	4.29E-04	Total 1.50E+00	1 E
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Piloranthene Fluoranthene Fluoranthene Ploranthene Ploranthene Ploranthene Ploranthene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisty2-Chlorocethylether bisty2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane 1,1-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane Chlorodibromomethane Chlorodibromomethane Chlorocethane Chlorocethane Ethylbenzene Tetrachlorocethene Toluene Trichlorocethene Toluene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 71566 7200 75032 75092 75092 75092 75092 75092 75092 75092 75092 75092 75092	1.91E-02 7.65E-01 3.07E-03 4.23E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-01 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND 1.27E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND 0.00E-03 ND 0.00E-	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-01 4.00E-03 4.00E-01 4.00E-03 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01	5E-01 4E-01 7E-02 4E-02 4E-03 2E-02 4E-03 9E-03 6E-03	4.29E-04	Total 1.50E+00	SE S
AOI 30	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene L,3-Dirintrotoluene L,6-Dinitroto-cresol bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene L,2-Dichloroethene Loroethane Litylbenzene Chloromethane Litylbenzene Ettylbenzene Tetrachloroethene Toluene Toluene	7440360 7440382 744039] W 1854029]VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 9206440 110645 1117817 87865 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414		6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 2.00E-02 2.00E-01 1.00E-01 3.00E-02 2.00E-01 1.00E-01	5E-01 4E-01 7E-02 4E-02 4E-02 4E-03 8E-03 8E-03 8E-03 8E-03 6E-03 8E-03 6E-03 8E-03 6E-03 6E-04 6E-03 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-03 6E-04 6E-04 6E-04 6E-04 6E-03 6E-04	4.29E-04	Total 1.50E+00	SE S

	Chemical	CAS Number	Cgw (mg/L)	HIFNC	oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 32	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		-
	Arsenic		1.65E-02	6.00E-03	3.00E-04	3E-01	4.29E-04	1.50E+00	1E-
	Barium	7440393	6.02E-01	6.00E-03	7.00E-02	5E-02	4.29E-04	-	-
	Cadmium Chromium	7440439_W 18540299 VI	5.00E-03 1.90E-03	6.00E-03 6.00E-03	5.00E-04 3.00E-03	6E-02 4E-03	4.29E-04 4.29E-04		-
	Manganese	7439965 NF	1.7012-03	6.00E-03	2.00E-02		4.29E-04	-	_
	Mercury	7439976	3.27E-05	6.00E-03	3.00E-04	7E-04	4.29E-04		
	Selenium	7782492	6.60E-03	6.00E-03	5.00E-03	8E-03	4.29E-04		
	Silver	7440224	1.50E-03	6.00E-03	5.00E-03	2E-03	4.29E-04		
	2-Methylnaphthalene	91576	1.55E-02	6.00E-03	2.00E-02	5E-03	4.29E-04		
	Acenaphthene Panza[a]anthragana	83329 56553	3.30E-03 1.30E-03	6.00E-03	6.00E-02	3E-04 4E-04	4.29E-04 4.29E-04	7.30E-01	4E
	Benzo[a]anthracene Benzo[a]pyrene	50328	ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02	4E-04	4.29E-04 4.29E-04	7.30E+00	41
	Benzo[b]fluoranthene	205992	1.10E-03	6.00E-03	2.00E-02	3E-04	4.29E-04	7.30E-01	3E
	Benzo[k]fluoranthene	207089	2.00E-04	6.00E-03	2.00E-02	6E-05	4.29E-04	7.30E-02	6E
	Chrysene	218019	1.10E-03	6.00E-03	2.00E-02	3E-04	4.29E-04	7.30E-03	3E
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649	1.20E-03	6.00E-03	4.00E-03	2E-03	4.29E-04		
	Fluoranthene	206440	7.40E-03	6.00E-03	4.00E-02	1E-03	4.29E-04		
	Fluorene Indeno[1,2,3-c,d]pyrene	86737 193395	3.40E-03 ND	6.00E-03 6.00E-03	4.00E-02 2.00E-02	5E-04	4.29E-04 4.29E-04	7.30E-01	
	Naphthalene	91203	5.20E-03	6.00E-03	2.00E-02	2E-03	4.29E-04	7.50101	
	Phenanthrene	85018	4.50E-03	6.00E-03	2.00E-02	1E-03	4.29E-04		
	Pyrene	129000	5.60E-03	6.00E-03	3.00E-02	1E-03	4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445 111444	ND ND	6.00E-03 6.00E-03	5.00E-03		4.29E-04 4.29E-04	 1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	1.40E-01	6.00E-03	2.00E-02	4E-02	4.29E-04 4.29E-04	1.40E-02	8E
	Carbazole	86748	1.20E-03	6.00E-03	2.0012-02	41:-02	4.29E-04 4.29E-04	2.00E-02	11
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04	7.00E+00	•••
	Pentachlorophenol (PCP)	87865	6.30E-03	6.00E-03	3.00E-02	1E-03	4.29E-04	1.20E-01	3E
	1,1,1-Trichloroethane	71556	ND	6.00E-03	2.80E-01		4.29E-04		
	1,1,2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	ND ND	6.00E-03	1.00E-01		4.29E-04	2.005 - 00	
	1,2,3-Trichloropropane 1,2-Dichloroethane	96184 107062	ND ND	6.00E-03 6.00E-03	6.00E-03 3.00E-02		4.29E-04 4.29E-04	2.00E+00 9.10E-02	
	1,2-Dichloroethene		2.43E-03	6.00E-03	9.00E-02	2E-03	4.29E-04 4.29E-04	9.1012-02	
	Acetone		1.00E+01	6.00E-03	1.00E-01	6E-01	4.29E-04		
	Benzene	71432	ND	6.00E-03	3.00E-03		4.29E-04	5.50E-02	
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	8.38E-03	6.00E-03			4.29E-04	1.30E-02	5E
	cis-1,2-Dichloroethene	156592	1.45E-03	6.00E-03	1.00E-02	9E-04	4.29E-04	7.500.02	
	Dichloromethane Ethylbenzene	75092 100414	1.60E+00 ND	6.00E-03 6.00E-03	6.00E-02 1.00E-01	2E-01	4.29E-04 4.29E-04	7.50E-03	5E
	Tetrachloroethene	127184	ND	6.00E-03	1.00E-01		4.29E-04 4.29E-04	5.20E-02	
	Toluene	108883	1.60E-03	6.00E-03	2.00E-01	5E-05	4.29E-04		
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014_A	8.17E-03	6.00E-03	3.00E-03	2E-02	4.29E-04	7.20E-01	3E
	Xylenes (Total)	1330207	2.60E-03	6.00E-03	2.00E+00	8E-06	4.29E-04		
			2.002 03	0.001-03	Total	1E+00		Total	2F
AOI 33	Antimony Arsenic	7440360 7440382	 2.15E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04	1E+00 4E-02	4.29E-04 4.29E-04	Total 1.50E+00	
AOI 33	Antimony	7440360		6.00E-03	Total 4.00E-04	1E+00	4.29E-04	_	1E
AOI 33	Antimony Arsenic Barium	7440360 7440382 7440393	2.15E-03 1.85E-01	6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02	1E+00 4E-02 2E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 1.50E+00 	1E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	2.15E-03 1.85E-01 4.75E-04 9.84E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	1E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silvine Silvine Silvine	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-03 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03 7E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 6.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03 7E-02 2E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00	1E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 1E-03 7E-02 2E-02 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	1E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Houranthene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E+00 7.30E+00	7E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03 7E-02 2E-02 7E-04 6E-04 6E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	7E 7E 6E 7E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439965 782492 7440224 91576 83329 56553 50328 205992 207089	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 2.16E-03 2.16E-03 2.30E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03 7E-02 2E-02 7E-04 6E-04 6E-04 7E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-07 7.30E-02 7.30E-03	7F 7F 6F 7F 7F
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accnaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 3E-03 1E-03 7E-02 2E-02 7E-04 6E-04 6E-04 6E-04 6E-04 6E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 7E-02 2E-02 7E-04 6E-04 6E-04 6E-04 6E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00	7E 7E 6E 7E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accnaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-04 4.00E-04 4.00E-04	1E+00 4E-02 2E-02 6E-03 3E-03 1E-03 7E-02 2E-02 7E-04 6E-04 6E-04 6E-04 6E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-07 7.30E-02 7.30E-03	7E 7E 6E 7E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 1E-03 7E-02 7E-04 6E-04 6E-04 7E-04 6E-04 1E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439 W 18540299_V1 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03 4.00E-03	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 1E-03 7E-02 2E-02 7E-04 6E-04 6E-04 6E-04 1E-03 1E-03	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzoliranthene Fluoranthene Fluoranthene Iluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 33703 312649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.216E-03 2.16E-03 2.16E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 1E-03 7E-02 7E-04 6E-04 7E-04 6E-04 1E-03 1E-02 6E-04 2E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01	7E 7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Silver Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Phenanthrene Pyrene	7440360 7440382 7440393 W 18540299 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 4E-03 7E-02 2E-02 7E-04 7E-04 6E-04 7E-04 6E-04 1E-03 1E-02 2E+00 5E-02 2E-02	4.29E-04 4.29E-04	1.50E+00	7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenz[a, k]a	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.30E-03 1.99E-03 ND 8.23E-03 2.16E-03 2.16E-03 2.16E-03 1.99E-03 1.99E-00 1.50E-01 1.22E-02	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 1E-03 1E-03 7E-02 7E-04 7E-04 6E-04 6E-04 1E-03 1E-02 6E-04 1E-03 3E-02 3E-02 3E-03 3E-02 3E-02 3E-02	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 7E 7E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]phracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-01 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.50E-01 1.22E-02 1.02E-04	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	1E+00	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]luoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 7440222 7440229 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.15E-03 1.85E-01 4.75E-04 4.75E-04 9.84E-04 	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 3.00E-02 2.00E-02	1E+00 4E-02 2E-02 6E-03 2E-03 3E-03 1E-03 1E-03 7E-02 7E-04 7E-04 6E-04 6E-04 1E-03 1E-02 6E-04 1E-03 3E-02 3E-02 3E-03 3E-02 3E-02 3E-02	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 7E 4E 4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]phracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-03 2.16E-01 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.50E-01 1.22E-02 1.02E-04	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-04 2E-04 2E-04 2E-04 2E-04 2E-08 2E-02 2E-02 2E-02 2E-08 2E-08 2E-08 2E-08 2E-08	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenz[a, k]anthr	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.30E-03 1.99E-03 ND 8.23E-03 2.16E-03 1.99E-03 1.99E-03 1.09E-01 1.20E-04 4.00E-04 ND ND ND ND 2.51E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 4E-03 4E-04 7E-04 7E-04 6E-04 6	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 7E 6E
AQI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethloreyl)phthalate	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.07E-03 2.07E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.20E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 4.00E-03 5.00E-05 3.00E-05 3.00E-02	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 4E-04 7E-04 7E-	4.29E-04 4.29E-04	1.50E+00	7H 7H 7H 6H 7H 7H 6H 7H 4H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phytene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,6-Dinitro-c-cresol) bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440393 7440439W 18540299_V1 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 4.75E-04 2.84E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 1.99E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.50E-01 1.02E-04 4.00E-04 ND ND 1.00E-03 ND 1.00E-03 7.02E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04	1E+00 4E-02 2E-02 2E-02 2E-03 2E-03 7E-02 2E-02 2E-02 2E-02 2E-02 3E-03	4.29E-04 4.29E-04	1.50E+00	7E 7E 6E 7E 6E 7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,b]anthracene Dibe	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83339 91556 83339 956553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1114817 86748	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 3.30E-03 1.99E-03 ND 8.23E-00 2.14E-03 5.49E+00 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 0.51E-03 ND ND 0.76E-03 1.00E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-04 5.00E-04 5.00E-04	1E+00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 7E-04 7E-04 6E-04 7E-04 7E-	4.29E-04 4.29E-04	1.50E+00	7F 7F 7F 6F 7F 6F 7F 6F 6F 7F 6F 6F 7F 6F 7F 6F 7F 6F 7F 6F 7F 6F 7F 6F 7F 7F 7F 7F 7F 7F 7F 7F 7F 7F 7F 7F 7F
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hiroanthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.22E-02 1.02E-04 ND ND 2.51E-03 ND 2.51E-03 ND 1.00E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 4E-03 1E-03 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-03 3E-03 3E-03 - 3E-03 - 3E-03 - 2E-04	4.29E-04 4.29E-04	1.50E+00	7F 7F 7F 6F 7F 6F 4F 4F 6F 6F 3F 5F
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorotethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 11878	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.216E-03 ND 8.23E-03 ND 8.23E-03 1.99E-03 1.99E-03 1.99E-03 1.00E-04 ND ND ND ND 1.00E-04 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 1E-03 1E-03 1E-03 1E-04 1E-04 1E-04 1E-04 1E-04 2E-04 - 3E-04 - 3E-04 - 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	7E 7E 6E 6E 6E 6E 5E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[k]fluoranthene Dibenz[k]fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]py	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11066825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.63E-03 1.50E-01 1.22E-02 1.40E-04 ND ND 0.51E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 5.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 4E-04 7E-04 7E-	4.29E-04 4.29E-04	1.50E+00	7H 7H 6H 7H 6H 7H 4H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]ahnthracene Dibenz[a,k]ahnthrac	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 11878	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.216E-03 ND 8.23E-03 ND 8.23E-03 1.99E-03 1.99E-03 1.99E-03 1.00E-04 ND ND ND ND 1.00E-04 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 1E-03 1E-03 1E-03 1E-04 1E-04 1E-04 1E-04 1E-04 2E-04 - 3E-04 - 3E-04 - 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 6E 6E 3E 5E 3E 5E 3E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[k]fluoranthene Dibenz[k]fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]py	7440360 7440382 7440393 7440439W 18540299_V1 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 066702 534521 106445 111444 117817 86748 621647 87865 71556 79005	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 4.75E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 7.68E-02 2.14E-03 7.68E-02 2.14E-03 7.08E-02 1.02E-04 4.00E-03 7.02E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	1E-00 4E-02 2E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 4E-03 4E-04 7E-04 7E-	4.29E-04 4.29E-04	1.50E+00	7H 7H 7H 6H 7H 6H 6H 6H 3H 5H 3H 3H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a, b]anthracene Dibenz[a, b]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroto-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,1,2-Tirchloroethane 1,2-3-Tirchloropethene 1,2-3-Tirchloropethene 1,2-3-Dichloropethene 1,2-3-Dichloroethene 1,2-3-Dichloroethene 1,2-3-Dichloroethene 1,2-5-Dichloroethene	7440360 7440382 744039] 7440439] 818540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.30E-03 1.99E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-04 4.00E-04 ND ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.00E-03 ND ND 1.00E-03 ND ND 1.00E-03 ND ND ND 1.00E-03 ND ND 1.00E-03 ND ND 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 3.00E-02 1.00E-03 1.00E-01	1E-00 4E-02 2E-02 2E-03 3E-03 4E-03 4E-03 4E-03 4E-03 4E-03 1E-03 1	4.29E-04 4.29E-04	1.50E+00	7H 7H 6H 7H 6H 7H 6H 6H 6H 3H 5H 3H 3H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]pyrene Naphthalene Pluoranthene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisty2-Chloroe-cresol 4-Methylphenol (p-Cresol) bisty2-Chloroe-cresol 4-Methylphenol (p-Cresol) bisty2-Chloroe-thylether bisty2-Ehirohorophylether bist	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 833329 56553 50328 205992 207089 218019 \$3703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.07E-01 1.99E-03 ND 8.23E-03 1.99E-03 ND 8.23E-03 1.99E-00 1.50E-01 1.22E-02 1.40E-04 ND ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 1E-03 7E-04 7E-04 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-04 6E-04 7E-04 7E-04 6E-04 7E-04 7E-04 6E-04 7E-04 7E-04 6E-04 7E-04 7E-04 8E-05	4.29E-04 4.29E-04	1.50E+00	7E 7E 7E 6E 7E 6E 7E 6E 3E 5E 3E 3E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]alnthracene L,3-Dichloroethane L,2-Dichloroethane	7440360 7440382 7440393 7440439W 18540299_V1 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 51203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 7.68E-02 2.14E-03 7.68E-02 2.14E-03 7.08E-02 1.02E-04 7.02E-03 7.02E-03 1.00E-03	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 7E-02 2E-02 2E-02 3E-03 1E-03 1E-03 3E-03 3E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	7H 7H 7H 7H 6H 7H 6H 6H 3H 3H 3H 3H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,b]anthracene Dibenz	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.30E-03 1.99E-03 ND 8.23E-03 1.99E-03 1.50E-01 1.22E-02 1.4E-03 5.49E+00 1.50E-01 1.22E-02 1.40E-03 ND 1.00E-03 ND 1.00E-03 ND 1.40E-03 1.30E-03 ND ND 1.75E-02 6.57E-02 1.39E-02	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04	1E-00 4E-02 2E-02 2E-03	4.29E-04 4.29E-04	1.50E+00	7F 7F 7F 6F 7F 6F 7F 6F 3F 3F 3F 3F
AQI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene L,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethone Chloroethone Chloroethone Chloroethane (Ethyl chloride)	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 171432 124481	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.30E-03 2.30E-03 2.30E-03 2.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 ND ND 1.50E-01 1.22E-02 1.02E-04 ND ND 2.51E-03 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.40E-03 1.40E-03 1.40E-03 1.40E-03 1.00E-03 ND ND ND 1.140E-03 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 4E-04 4E-04 4E-04 4E-04 2E-02 2E-02 2E-03 3E-03 3E-03 2E-04 1E-03 3E-04 1E-03 3E-04 1E-03 3E-04 1E-01 4E-04	4.29E-04 4.29E-04	1.50E+00	71-77-77-77-77-77-77-77-77-77-77-77-77-7
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]amthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Plenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Chloroethyl)ether bisg2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2-Dichloroethane 1,2-Dichloroethene L2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440360 7440382 744039] 7440439] 818540299] 7439965] 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.30E-03 1.99E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-04 4.00E-04 ND ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.00E-03 1.00E-03 ND ND 1.00E-03 1.00E-03 1.00E-03 ND ND 1.00E-03 1.00E-03 ND ND ND 1.00E-03 ND ND ND 1.00E-03 ND ND ND ND 1.75E-02 1.39E-02 1.39E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 4E-03 4E-03 4E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-04 4E-04 3E-04 3E-03 3E-04 3E-04 1E-03 3E-04 1E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	71 71 71 61 61 61 61 61 61 61 61 61 61 61 61 61
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]illuoranthene Benzo[b]illuoranthene Benzo[b]illuoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthrac	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 ND 8.23E-03 1.99E-03 ND 8.23E-03 1.99E-03 ND 8.23E-03 1.99E-03 ND 1.50E-01 1.22E-02 1.40E-04 ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.75E-02 6.57E-02 1.39E-03 ND ND ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-03 3.00E-04 4.00E-03 3.00E-02 4.00E-01	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 1E-03 1E-03 1E-03 1E-03 1E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	71 71 71 61 61 61 31 31 31 31 31 31 31 31 31 31 31 31 31
AQI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]alpathracene Dibenz[a,k]alpathracene Dibenz[a,k]apthracene Aroclor-1260 1,4-Dichlorochane 1,5-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane	7440360 7440382 7440393 74404392 7440393 74404399 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11432 124481 75003 74873 156592 75092	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 7.68E-02 2.14E-03 7.68E-02 2.14E-03 7.02E-03 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-04 4.00E-01	1E-00 4E-02 2E-02 2E-02 2E-03 3E-03 4E-03 7E-02 2E-02 2E-02 2E-02 3E-03 1E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	7F 7F 7F 6F 6F 6F 5F 5F 5F 5F 5F 5F 5F 6F
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenz[a, k]anthr	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414	2.15E-03 1.85E-01 4.75E-04	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 1.00E-03 3.00E-03 1.00E-01 4.00E-03 1.00E-01	1E-00 4E-02 2E-02 2E-03 - 3E-03 4E-03 1E-03 1E-03 1E-03 1E-03 1E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03 3E-04	4.29E-04 4.29E-04	1.50E+00	7F 7F 6E 6E 6E 5E 5E 5E 5E 4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]alpathracene Dibenz[a,k]alpathracene Dibenz[a,k]apthracene Aroclor-1260 1,4-Dichlorochane 1,5-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane	7440360 7440382 7440393 74404392 7440393 74404399 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11432 124481 75003 74873 156592 75092	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 7.68E-02 2.14E-03 7.68E-02 2.14E-03 7.02E-03 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND	6.00E-03 6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-04 4.00E-01	1E-00 4E-02 2E-02 2E-03	4.29E-04 4.29E-04	1.50E+00	7E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene L,4-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 4117817 86748 621647 87865 77503 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 15092 15092 15092	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 ND ND 1.00E-03 ND ND 1.00E-03 ND	6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 3.00E-01 3.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01	1E-00 4E-02 2E-02 2E-02 2E-03 - 3E-03 4E-03 4E-03 1E-03 7E-04 7E-	4.29E-04 4.29E-04	1.50E+00	7E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,b]anthracene Dibenz[a,c]anthracene Acelonitro-o-cresol 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane Lichloroethane Lichloroethane Lichloroethane Lichloroethane Lichloroethane Lichloroethane Lichloroethane Ethylbenzene Tetrachloroethene Ethylbenzene Tetrachloroethene Lichloroethene	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 066702 534521 106445 111444 117817 86748 621647 787865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 104414 171817	2.15E-03 1.85E-01 4.75E-04 4.75E-04 3.36E-03 9.96E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.25E-03 2.30E-03 1.99E-03 ND 8.23E-03 ND 8.23E-03 1.09E-04 4.00E-04 ND ND 1.00E-04 ND ND 1.00E-03 1.00E-03 1.00E-03 ND ND 1.00E-03 ND ND 1.00E-03 ND ND 1.75E-02 6.57E-02 1.39E-03 ND ND ND ND 1.75E-02 1.39E-03 ND ND ND ND ND ND 1.75E-02 1.39E-03 1.75E+00 ND	6.00E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03	1E-00 4E-02 2E-02 2E-03	4.29E-04 4.29E-04	1.50E+00	11E

	Chemical	CAS Number	Cgw (mg/L)	Nor HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 34	Antimony	7440360	4.95E-02	6.00E-03	4.00E-04	7E-01	4.29E-04		-
	Arsenic		2.26E-02	6.00E-03	3.00E-04	5E-01	4.29E-04	1.50E+00	lE-
	Barium	7440393 7440439 W	3.81E-01	6.00E-03	7.00E-02	3E-02	4.29E-04	-	-
	Cadmium Chromium	18540299 VI	1.55E-03 3.66E-02	6.00E-03 6.00E-03	5.00E-04 3.00E-03	2E-02 7E-02	4.29E-04 4.29E-04		-
	Manganese	7439965 NF	1.19E+00	6.00E-03	2.00E-02	4E-01	4.29E-04		-
	Mercury	7439976		6.00E-03	3.00E-04	1E-02	4.29E-04		-
	Selenium	7782492	1.04E-02	6.00E-03	5.00E-03	1E-02	4.29E-04		-
	Silver	7440224	2.04E-02	6.00E-03	5.00E-03	2E-02	4.29E-04		-
	2-Methylnaphthalene	91576	8.98E-03	6.00E-03	2.00E-02	3E-03	4.29E-04		-
	Acenaphthene	83329	2.86E-03 ND	6.00E-03	6.00E-02	3E-04	4.29E-04 4.29E-04	7.30E-01	-
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-03	-
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	-
	Dibenzofuran Fluoranthene	132649 206440	5.69E-03 ND	6.00E-03 6.00E-03	4.00E-03 4.00E-02	9E-03	4.29E-04 4.29E-04		
	Fluorene	86737	3.28E-03	6.00E-03	4.00E-02 4.00E-02	5E-04	4.29E-04 4.29E-04	-	
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	3.12E-03	6.00E-03	2.00E-02	9E-04	4.29E-04		
	Phenanthrene	85018	3.07E-03	6.00E-03	2.00E-02	9E-04	4.29E-04		
	Pyrene	129000	1.10E-03	6.00E-03	3.00E-02	2E-04	4.29E-04	 2 00E : 00	
	Aroclor-1260 1,4-Dichlorobenzene	11096825 106467	ND	6.00E-03 6.00E-03	2.00E-05 3.00E-02		4.29E-04 4.29E-04	2.00E+00 2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-02		4.29E-04 4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	2.00E-03	6.00E-03	1.00E-04	1E-01	4.29E-04	0.0012-01	
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03			4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	1.35E-02	6.00E-03	2.00E-02	4E-03	4.29E-04	1.40E-02	8E
	Carbazole n Nitrogodinronylamina	86748	2.70E-03	6.00E-03			4.29E-04	2.00E-02	2E
	n-Nitrosodipropylamine Pentachlorophenol (PCP)	621647 87865	ND 5.84E-03	6.00E-03 6.00E-03	3.00E-02	1E-03	4.29E-04 4.29E-04	7.00E+00 1.20E-01	3E
	1,1,1-Trichloroethane	71556	3.84E-03 3.39E-03	6.00E-03	2.80E-01	7E-05	4.29E-04 4.29E-04	1.20E-01	3E
	1,1,2-Trichloroethane	79005	8.00E-04	6.00E-03	4.00E-03	1E-03	4.29E-04	5.70E-02	2E
	1,1-Dichloroethane	75343	2.87E-01	6.00E-03	1.00E-01	2E-02	4.29E-04		
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-03		4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	6.00E-04	6.00E-03	3.00E-02	1E-04	4.29E-04	9.10E-02	2E
	1,2-Dichloroethene Acetone	540590 67641	1.69E-02 2.09E-02	6.00E-03 6.00E-03	9.00E-03 1.00E-01	1E-02 1E-03	4.29E-04 4.29E-04		
	Benzene	71432	3.75E-03	6.00E-03	3.00E-03	7E-03	4.29E-04	5.50E-02	9E
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.72E-02	6.00E-03	4.00E-01	3E-04	4.29E-04	2.90E-03	2E
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592	1.30E-02	6.00E-03	1.00E-02	8E-03	4.29E-04	 	
	Dichloromethane Ethylbenzene	75092 100414	3.34E-03 3.00E-03	6.00E-03 6.00E-03	6.00E-02 1.00E-01	3E-04 2E-04	4.29E-04 4.29E-04	7.50E-03	1E
	Tetrachloroethene	127184	3.64E-03	6.00E-03	1.00E-01	2E-04 2E-03	4.29E-04 4.29E-04	5.20E-02	8E
	Toluene	108883	3.10E-03	6.00E-03	2.00E-01	9E-05	4.29E-04		
	Trichloroethene	79016	3.34E-03	6.00E-03	3.00E-04	7E-02	4.29E-04	1.10E-02	2E
	Vinyl Chloride	75014_A	1.92E-01	6.00E-03	3.00E-03	4E-01	4.29E-04	7.20E-01	6E
	Xylenes (Total)	1330207	4.44E-03	6.00E-03	2.00E+00 Total	1E-05 2E+00	4.29E-04	Total	7E
AOI 25	Antimony	7440260		6 DDE: 02	4 00E 04		4 20E.04		
AOI 35	Antimony Arsenic	7440360 7440382	 9.50E-03	6.00E-03 6.00E-03	4.00E-04 3.00E-04	 2E-01	4.29E-04 4.29E-04	 1.50E+00	6E
AOI 35	Arsenic	7440382	9.50E-03	6.00E-03	3.00E-04	 2E-01 3E-02	4.29E-04	 1.50E+00	6E
AOI 35						2E-01			
AOI 35	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	9.50E-03 3.12E-01 1.50E-03 2.10E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E-01 3E-02 2E-02 4E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]luoranthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylniaphthalene Acenaphthene Benzo[a]anthracene Benzo[s]huoranthene Benzo[k]fluoranthene Genzofiran Fluoranthene Dibenzofuran Fluoranthene	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7440224 91576 83329 56553 50328 207989 218019 53703 118049 206440	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-04 4.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[b]Horanthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	9.50E-03 3.12E-01 1.50E-03 3.12E-01 1.50E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 4.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04 4.29E-04	1.50E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]luoranthene Benzo[b]luoranthene Chrysene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 26553 50328 205992 207089 218019 3703 132649 206440 86737 193395 91203	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-04 3E-05 6E-04 3E-05	4.29E-04 4.29E-04	1.50E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 4.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04 3E-05 2E-03	4.29E-04 4.29E-04	1.50E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Indene[1,2,3-c,d]pyrene Indene[1,2,3-c,d]pyrene Naphthalene Phenanthrene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 26553 50328 205992 207089 218019 3703 132649 206440 86737 193395 91203	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-04 3E-05 6E-04 3E-05	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E+00 7.30E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[ah]anthracene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E-01 3E-02 2E-02 2E-02 4E-03 2E-01 1E-03 3E-03 3E-03 1E-02 4E-04 3E-05 6E-04 3E-05 2E-03 4E-05	4.29E-04 4.29E-04	1.50E+00	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]lluoranthene Benzo[s]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dnintrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	9.50E-03 3.12E-01 1.50E-03 2.10E-05 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 3E-04 	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitroo-cresol	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 5.80E-01 5.90E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,4-Methylphenol (p-Cresol)	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 3E-04 	4.29E-04 4.29E-04	1.50E+00	3E
AAOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotor-cresol 4-Methylphenol (p-Cresol) biss2-Cklorocethyl)ether	7440382 7440393 W 18540299 W1 7439965 NF 7439966 NF 78329 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-03	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,4-Methylphenol (p-Cresol)	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-02	2E-01 3E-02 2E-02 4E-03 2E-01 1E-03 9E-03 3E-03 1E-02 4E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincranthene Benzo[s]lincranthene Benzo[s]lincranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,6-Pinitro-c-cresol bisi(2-Eitylhexyl)phthalate Carbazole	7440382 7440393 W 18540299 W1 7439965 NF 7439966 NF 78329 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-05 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 1.00E-03	2E-01 3E-02 4E-03 2E-01 1E-03 9E-03 1E-03 1E-02 4E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AAOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjuoranthene Benzo[a]hjanthracene Dibenz[a,h]anthracene Dibenz[a,h]bintonene Fluoranthene Fluoranthene Fluoranthene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ethen sig-2-Ethylkerylphthalate	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	9.50E-03 3.12E-01 1.50E-03 2.10E-05 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E-01 3E-02 4E-03 9E-01 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]lmoranthene Benzo[b]lmoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroctane	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1117817 86748 621647 87865 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-02	2E-01 3E-02 4E-03 2E-01 1E-03 9E-03 1E-02 4E-04	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apntracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Dibenz[an]anharcene Dibenz[an]anharcene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol bis(2-Ethylkeryl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND 04.00E-04 ND 1.00E-04 ND ND ND ND ND ND ND ND 1.00E-04 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-03 3.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 3.00E-02 2.00E-02	2E-01 3E-02 4E-03 2E-01 4E-03 2E-01 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04 6E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]lluoranthene Benzo[s]lluoranthene Ghrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitrotoluene 4,6-Dinit	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	9.50E-03 3.12E-01 1.50E-03 2.10E-05 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinpathtalene Acenaphthene Benzo[a]anttracene Benzo[a]lmrene Benzo[a]lmrene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroloulene 4,6-Dinitro-o-cresol 4-Methyiphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 1106445 106445 1117817 86748 86148 621647 87865 71556 79005 75343 96184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-01 3E-02 4E-03 2E-01 1E-03 9E-03 3E-03 6E-04 4E-05 1E-03	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Huoranthene Benzo[s]Huoranthene Benzo[s]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylpheno (p-Cresol) bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-3-Trichloropropane 1,2-3-Trichloropropane 1,2-5-Dichlorocthane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND ND 0.00E-04 4.00E-03 ND 1.00E-04 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]linuranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]tluoranthene Benzo[si]dluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1-Einhjlnexyl)phthalate Carbazole n-Nitrosodipropylamine Pentatahlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-04 3.00E-02 2.00E-01 4.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	2E-01 3E-02 4E-03 1E-03 9E-03 1E-02 4E-04	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Huoranthene Benzo[s]Huoranthene Benzo[s]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylpheno (p-Cresol) bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-3-Trichloropropane 1,2-3-Trichloropropane 1,2-5-Dichlorocthane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND ND 0.00E-04 4.00E-03 ND 1.00E-04 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apntracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Benzo[a]fluoranthene Dibenz[a h]anthracene Dibenz[a h]anthracene Dibenz[a h]anthracene Dibenz[a h]enternam Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 5.80E-01 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01	2E-01 3E-02 4E-03 3E-05 4E-04 4E-04 4E-04 4E-04 4E-04 4E-04 4E-04 4E-05	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenender (PCresol) bis(2-Chloirochene) 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-tresol bis(2-Ethylekryl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorochenel (PCP) 1,1,1-Trichlorochane 1,2-Trichlorochane 1,2-Trichlorochane 1,2-Dichlorochane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND 1.00E-04 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04 1E-03	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]linarene Benzo[s]linuranthene Benzo[s]linuranthene Benzo[s]linuranthene Benzo[s]linuranthene Benzo[s]linuranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzenturan Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene Chloroethane	7440382 7440439 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apntracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Dibenz[a h]anthracene Dibenz[a h] Ja-Dichlorotenene L,3-Dirichlorotenthane L,3-Dirichlorotenthane L,3-Dirichlorotenthane L,2-Dichlorotenthane L,2-Dichlorotenthane L,2-Dichlorotenthane L,2-Dichlorotenthane L,2-Dichlorotenthane Chlorodibromomethane Chlorotenthane Chlorotentha	7440382 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77503 96184 107062 540590 67641 71432 124481 175003 74873 156592	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04 1E-03 9E-03 5E-05 5E-04 1E-03	4.29E-04 4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[s]lnuoranthene Benzo[s]lnuoranthene Benzo[s]lnuoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Dichloromethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	9.50E-03 3.12E-01 1.50E-03 2.10E-05 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 9.00E-03 1.00E-04	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]luoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane Lichloroptenene Chloroethane Chloroethane Chloroethane Chloroethane Chloroethane Chloroethane Chloroethane Chloromethane Ethylbenzene	7440382 7440393 W 18540299 W1 7439965 NF 743996 NF 743996 NF 743996 NF 743996 NF 743996 NF 7449 NF 7	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	2E-01 3E-02 4E-03 2E-01 1E-03 9E-03 1E-02 4E-04	4.29E-04	1.50E+00	3E 6E 55E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[s]lnuoranthene Benzo[s]lnuoranthene Benzo[s]lnuoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Dichloromethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-05 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 9.00E-03 1.00E-04	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04	1.50E+00	3E
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]Huoranthene Benzo[k]Huoranthene Benzo[k]Huoranthene Dibenz[a,h]amthracene Dibenz[a,h]amthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 1,4-Dichlorobendene 1,2-Dichlorobendene 1,1-1,2-Trichlorophanol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane	7440382 7440439 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85918 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 75003 74873 75003 74873 75003 74873 75003 74873 75003 74873 75003 74873 75003 74873 75004 108883 79016	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND ND 1.00E-04 ND	6.00E-03	3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01	2E-01 3E-02 4E-03 9E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04	1.50E+00	3EE 6EE
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lintracene Benzo[b]linuoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenenithrotoliume 4,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitrotoliume 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ethylbenzene Ettralchloroethene Ethylbenzene Tetrachloroethene Toluene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01	2E-01 3E-02 4E-03 1E-03 9E-03 1E-02 4E-04 3E-05 6E-04	4.29E-04	1.50E+00	6E-

AOI 36		CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	C HIFC	Oral SF	Ris
	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		-
	Arsenic		7.50E-03	6.00E-03	3.00E-04	2E-01	4.29E-04	1.50E+00	5E-
	Barium	7440393	3.08E-01	6.00E-03	7.00E-02	3E-02	4.29E-04		-
	Cadmium	7440439_W	1.90E-03	6.00E-03	5.00E-04	2E-02	4.29E-04		-
	Chromium	18540299_VI	2.60E-02	6.00E-03	3.00E-03	5E-02	4.29E-04		-
	Manganese	7439965_NF	1.21E-01	6.00E-03	2.00E-02	4E-02	4.29E-04		-
	Mercury	7439976 7782492	6.20E-05 6.00E-03	6.00E-03	3.00E-04	1E-03	4.29E-04		-
	Selenium	7440224		6.00E-03	5.00E-03	7E-03 4E-03	4.29E-04		
	Silver 2-Methylnaphthalene	91576	3.00E-03 ND	6.00E-03 6.00E-03	5.00E-03 2.00E-02	4E-03	4.29E-04 4.29E-04		
	Acenaphthene	83329	ND	6.00E-03	6.00E-02		4.29E-04		
	Benzo[a]anthracene	56553	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649		6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene	206440	ND	6.00E-03	4.00E-02		4.29E-04		
	Fluorene	86737	ND	6.00E-03	4.00E-02		4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	ND	6.00E-03	2.00E-02		4.29E-04		
	Phenanthrene	85018	ND	6.00E-03	2.00E-02		4.29E-04		
	Pyrene	129000	1.00E-04	6.00E-03	3.00E-02	2E-05	4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04	1.105:00	
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03	2.005.02	4E.04	4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817 86748	1.44E-03	6.00E-03	2.00E-02	4E-04	4.29E-04	1.40E-02	9E
	Carbazole n-Nitrosodipropylamine		ND ND	6.00E-03			4.29E-04	2.00E+00	
	n-Nitrosodipropylamine	621647	ND ND	6.00E-03			4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865 71556	ND ND	6.00E-03	3.00E-02 2.80E-01		4.29E-04 4.29E-04	1.20E-01	
	1,1,1-Trichloroethane	71556 79005	ND ND	6.00E-03 6.00E-03	2.80E-01 4.00E-03			5 70E 02	
	1,1,2-Trichloroethane 1,1-Dichloroethane	79005 75343	ND 3.78E-03	6.00E-03 6.00E-03	4.00E-03 1.00E-01	2E-04	4.29E-04 4.29E-04	5.70E-02	
	1,1-Dichloroethane 1,2,3-Trichloropropane	75343 96184	3.78E-03 ND	6.00E-03 6.00E-03	6.00E-01	2E-04	4.29E-04 4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	ND ND	6.00E-03	3.00E-03		4.29E-04 4.29E-04	9.10E-02	
	1,2-Dichloroethene		2.98E-03	6.00E-03	9.00E-02	2E-03	4.29E-04 4.29E-04	9.1015-02	
	Acetone	67641	ND	6.00E-03	1.00E-01		4.29E-04		
	Benzene	71432	ND	6.00E-03	3.00E-03		4.29E-04	5.50E-02	
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592	1.54E-03	6.00E-03	1.00E-02	9E-04	4.29E-04		
	Dichloromethane	75092	1.15E-03	6.00E-03	6.00E-02	1E-04	4.29E-04	7.50E-03	4E
	Ethylbenzene	100414	ND	6.00E-03	1.00E-01		4.29E-04		
	Tetrachloroethene	127184	ND	6.00E-03	1.00E-02		4.29E-04	5.20E-02	
	Toluene	108883	ND	6.00E-03	2.00E-01		4.29E-04		
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014 A	3.84E-03	6.00E-03	3.00E-03	8E-03	4.29E-04	7.20E-01	11
	Xylenes (Total)	1330207	ND	6.00E-03	2.00E+00		4.29E-04		6E
AOI 37	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04	 1.50E±00	
AOI 37	Arsenic	7440382		6.00E-03	3.00E-04		4.29E-04	 1.50E+00	
AOI 37	Arsenic Barium	7440382 7440393		6.00E-03 6.00E-03	3.00E-04 7.00E-02		4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium	7440382 7440393 7440439_W	 	6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04	-	4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03		4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	-	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576	 1.70E-01	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	 5E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	 	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	 1.70E-01 1.91E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02	 5E-02	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7782492 7440224 91576 83329 56553	 1.70E-01 1.91E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	 5E-02 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	 1.70E-01 1.91E-02 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00	61
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]hyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	 1.70E-01 1.91E-02 ND ND 2.00E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01	6H 6H
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	 1.70E-01 1.91E-02 ND ND 2.00E-04 2.00E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-01 7.30E-02	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	 1.70E-01 1.91E-02 ND ND 2.00E-04 4.00E-04	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03	6H 6H 1H
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.70E-01 1.91E-02 ND ND 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E+00 7.30E+0 7.30E-02 7.30E-03 7.30E-0	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]myrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]lanthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737		6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E-03	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395		6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 4.00E-02		4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E+00 7.30E+0 7.30E-02 7.30E-03 7.30E-0	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 26553 50328 205992 207089 218019 3703 132649 206440 86737 193395 91203		6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02	5E-02 2E-03 6E-05 6E-05 1E-04 3E-02 5E-04 5E-03	4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]mhtracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018		6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6F 6F 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]aptracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018	1.70E-01 1.91E-02 ND ND-02.00E-04 4.00E-04 ND-2.16E-02 3.40E-03 3.55E-02 ND-4.31E-03 8.04E-02 3.72E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinaphthalene Acenaphthene Benzo[a]aprrene Benzo[a]aprrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	5E-02 2E-03 	4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467		6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]luoranthene Chrysene Dibenz[a,b]lanthracene Dibenz[a,b]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521		6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprtene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmrene Benzo[b]lmoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotorectsol bist2-Cklorocethyl)ether	7440382 7440393 W 18540299 W1 7439965 NF 7439966 NF 78329 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
.OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]ortene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pyrene Anpthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ethen sig-2-Ethylkeylphthalate	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817		6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-05 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 1.00E-03		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Benzo[b]lluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Einhitero-cresol) bist2-Eithylhexyl)phthalate Carbazole	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 205989 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Chloroecthylpether bisg2-Ethylhexyl)phthalate Carbazole Nitrosodipropylamine	7440382 7440393 W 18540299 W1 7439965 NF 7439965 NF 7439965 7440224 91576 83329 205090 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748		6.00E-03 6.00E-03	3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
.OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]aptrene Benzo[a]aptracene Benzo[a]pyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Alliouranthene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ehlyhenol (p-Cresol) bis(2-Ehlyhenol)	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439965 7439976 782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
.OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitro	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1117817 86748 621647 87865 71556		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
.OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[ana Fluoranthene Dibenzo[ana Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol bist2-Chloroethyl)ether bist2-Ethylkexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-03 3.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 3.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[b]lluoranthene Benzo[s]lfluoranthene Benzo[s]kfluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dini	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methyinpathtalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitroluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Chloroethylpether bisg2-Ethylhexyl)phthalate Carbazole -Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropropane	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04		4.29E-04 4.29E-04	1.50E+00	6F 6F 1F
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprtene Benzo[a]aprtene Benzo[a]huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Alliouranthene Benzo[b]Alliouranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,4-Dichlorobenale 1,4-Dichlorobenale 1,1-Tirchlorophenol (PCP) 1,1,1-Trichlorochane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Trichloroppopane 1,2-Dichlorocthane 1,2-Dichlorocthane	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[si]huoranthene Benzo[si]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anth	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-04 3.00E-02 2.00E-01 4.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenz[a, h]gyrene Dibenz[a, h]gyrene Huoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkerylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440382 7440439 W 18540299_VI 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]ltuoranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]hfluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 6066202 534521 106445 1111444 117817 86748 621647 87865 79055 75343 96184 107062 540590 67641 17432		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lmracene Benzo[b]lmoranthene Benzo[b]lmoranthene Benzo[b]lmoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisg2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethene Rezone Benzene Gelloroethylnene Gelloroethene Rezone Benzene	7440382 7440393 W 18540299 W1 7439965 NF 743996 NF 7439965 NF 743996 NF 74498 NF		6.00E-03 6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
XOI 37	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphtracene Benzo[a]aphtracene Benzo[a]aphtracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroetholoridio	7440382 7440439 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 779055 75343 96184 107062 540590 67641 71432 124481		6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-01 3.00E-01 3.00E-01 3.00E-01		4.29E-04 4.29E-04	1.50E+00	6H 6H 1H
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene L,a-Dichlorochane 1,1,2-Trichlorochane 1,1,2-Trichlorochane 1,2-Dichlorochane 1,2-Dichlorochene Acetone Benzene Chlorochane (Ethyl chloride) Chloromethane Chlorochane (Ethyl chloride)	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-01 6.00E-03 1.00E-04 5.00E-01 6.00E-03 3.00E-02 2.80E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E
AOI 37	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-2-Tichloropopane 1,2-Dichloroethane	7440382 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77503 96184 107062 540590 67641 71432 124481 175003 74873 156592		6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03		4.29E-04 4.29E-04	1.50E+00	6E 6E 1E 8E 9E
XOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]ltouranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol hist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane	7440382 7440439 W 18540299 W1 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 9.00E-03 1.00E-04		4.29E-04	1.50E+00	6E 6E 1E 8E 9E
OI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]huoranthene Ghrysene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene Loctone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Cisloromethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Uchloromethane Lichloromethane	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 1106445 117817 87865 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01		4.29E-04	1.50E+00	6E 6E 1E 8E 9E
OOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,4-Dichlorobentol (P-Cresol) bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-2-Trichlorocthane 1,1-2-Trichlorocthane 1,1-2-Trichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane Ethylbenzene Unloromethane Ethylbenzene Ethylbenzene Ettrachlorocthene	7440382 7440439 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 75343 96184 107062 540590 67641 71432 124481 75003 74873 75692 75092 75092		6.00E-03	3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01		4.29E-04	1.50E+00	6E 6E 1E 8E 9E 4E
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincrantene Benzo[b]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Chrysene Dibenz[a,h]anthracene Arollo-1260 1,4-Dichloroethene (4,6-Dinitro-o-cresol) bis(2-Chloroethyl)ether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Kethyl chloride) cis-1,2-Dichloroethene Eithylbenzene Tetrachloroethene Toluene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-04 5.00E-03 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01		4.29E-04	1.50E+00	6E6 6E
AOI 37	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Tolucene Trichloroethene	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 156592 75092 1500414 127184 108883 79016		6.00E-03	3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-01 4.00E-03 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01 4.00E-01		4.29E-04 4.29E-04	1.50E+00	666 666 616 116 116 116 116 116 116 116
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lincrantene Benzo[b]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Benzo[si]fluoranthene Chrysene Dibenz[a,h]anthracene Arollo-1260 1,4-Dichloroethene (4,6-Dinitro-o-cresol) bis(2-Chloroethyl)ether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Kethyl chloride) cis-1,2-Dichloroethene Eithylbenzene Tetrachloroethene Toluene	7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 1111444 117817 86748 621647 87865 79055 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016		6.00E-03	3.00E-04 7.00E-02 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-04 5.00E-03 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01		4.29E-04	1.50E+00	8888888

	Chemical	CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ncer Risk Oral SF	Risk
AOI 38	Antimony Arsenic	7440360 7440382	 1.38E-02	6.00E-03 6.00E-03	4.00E-04 3.00E-04	2F 01	4.29E-04 4.29E-04	 1.50E+00	 9E-0
	Barium	7440382	5.47E-01	6.00E-03	7.00E-02	3E-01 5E-02	4.29E-04 4.29E-04	1.50E+00	9E-(
	Cadmium	7440439 W	1.34E-03	6.00E-03	5.00E-04	2E-02	4.29E-04		
	Chromium	18540299 VI	1.81E-02	6.00E-03	3.00E-03	4E-02	4.29E-04		
	Manganese	7439965 NF	1.13E+00	6.00E-03	2.00E-02	3E-01	4.29E-04		
	Mercury	7439976	5.40E-05	6.00E-03	3.00E-04	1E-03	4.29E-04		
	Selenium	7782492		6.00E-03	5.00E-03	1E-02	4.29E-04		
	Silver	7440224		6.00E-03	5.00E-03	8E-03	4.29E-04		
	2-Methylnaphthalene	91576		6.00E-03	2.00E-02	2E-01	4.29E-04		
	Acenaphthene	83329	1.45E-02	6.00E-03	6.00E-02	1E-03	4.29E-04		
	Benzo[a]anthracene	56553	1.20E-02	6.00E-03	2.00E-02	4E-03	4.29E-04	7.30E-01	4E-
	Benzo[a]pyrene	50328	6.20E-03	6.00E-03	2.00E-02	2E-03 3E-03	4.29E-04	7.30E+00 7.30E-01	2E- 3E-
	Benzo[b]fluoranthene Benzo[k]fluoranthene	205992 207089	1.00E-02 4.80E-03	6.00E-03 6.00E-03	2.00E-02 2.00E-02	1E-03	4.29E-04 4.29E-04	7.30E-01 7.30E-02	2E-
	Chrysene	218019	1.36E-02	6.00E-03	2.00E-02 2.00E-02	4E-03	4.29E-04 4.29E-04	7.30E-02 7.30E-03	4E-
	Dibenz[a,h]anthracene	53703	3.00E-04	6.00E-03	2.00E-02 2.00E-02	9E-05	4.29E-04 4.29E-04	7.30E=03 7.30E+00	9E-
	Dibenzofuran	132649	6.68E-02	6.00E-03	4.00E-03	1E-01	4.29E-04	7.50E.00	,,,,,
	Fluoranthene	206440	1.40E-02	6.00E-03	4.00E-02	2E-03	4.29E-04		
	Fluorene	86737	1.80E-02	6.00E-03	4.00E-02	3E-03	4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	2.00E-03	6.00E-03	2.00E-02	6E-04	4.29E-04	7.30E-01	6E-
	Naphthalene	91203	7.72E-02	6.00E-03	2.00E-02	2E-02	4.29E-04		
	Phenanthrene	85018	4.77E-02	6.00E-03	2.00E-02	1E-02	4.29E-04		
	Pyrene	129000	1.01E-02	6.00E-03	3.00E-02	2E-03	4.29E-04		
	Aroclor-1260	11096825	ND	6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	1.38E-02	6.00E-03	3.00E-02	3E-03	4.29E-04	2.40E-02	1E-
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03			4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	3.81E-02	6.00E-03	2.00E-02	1E-02	4.29E-04	1.40E-02	2E-
	Carbazole	86748	1.27E-02	6.00E-03			4.29E-04	2.00E-02	1E-
	n-Nitrosodipropylamine	621647	ND	6.00E-03	2.005.02	 CE 04	4.29E-04	7.00E+00	25
	Pentachlorophenol (PCP)		3.00E-03	6.00E-03	3.00E-02	6E-04	4.29E-04	1.20E-01	2E-
	1,1,1-Trichloroethane	71556 79005	3.17E-01	6.00E-03	2.80E-01	7E-03 5E-03	4.29E-04	5 70E 02	0E
	1,1,2-Trichloroethane		3.07E-03 1.30E-01	6.00E-03	4.00E-03		4.29E-04 4.29E-04	5.70E-02	8E-
	1,1-Dichloroethane 1,2,3-Trichloropropane	75343 96184	1.30E-01 ND	6.00E-03 6.00E-03	1.00E-01 6.00E-03	8E-03	4.29E-04 4.29E-04	2.00E+00	-
	1,2-Dichloroethane	107062	1.00E-03	6.00E-03	3.00E-02	2E-04	4.29E-04 4.29E-04	9.10E-02	4E-
	1,2-Dichloroethene	540590	4.37E-01	6.00E-03	9.00E-02	3E-04	4.29E-04 4.29E-04	9.10E=02	415
	Acetone	67641	6.59E-03	6.00E-03	1.00E-01	4E-04	4.29E-04		-
	Benzene	71432	1.00E-02	6.00E-03	3.00E-03	2E-02	4.29E-04	5.50E-02	2E-
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	3.13E-02	6.00E-03	4.00E-01	5E-04	4.29E-04	2.90E-03	4E-
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592	7.25E-01	6.00E-03	1.00E-02	4E-01	4.29E-04		
	Dichloromethane		2.43E-03	6.00E-03	6.00E-02	2E-04	4.29E-04	7.50E-03	8E-
	Ethylbenzene	100414	4.14E-02	6.00E-03	1.00E-01	2E-03	4.29E-04		
	Tetrachloroethene	127184	3.40E-03	6.00E-03	1.00E-02	2E-03	4.29E-04	5.20E-02	8E-
	Toluene	108883	1.37E-02	6.00E-03	2.00E-01	4E-04	4.29E-04		
	Trichloroethene	79016	3.63E-02	6.00E-03	3.00E-04	7E-01	4.29E-04	1.10E-02	2E-
	Vinyl Chloride	75014_A	6.95E-02	6.00E-03	3.00E-03	1E-01	4.29E-04	7.20E-01	2E-
	Xylenes (Total)	1330207		6.00E-03	2.00E+00 Total	2E-04 3E+00	4.29E-04	Total	6E-
OI SDDD3			5.61E-02	6.00E-03	2.00E+00 Total	2E-04 3E+00	4.29E-04		
OI SPRR3	Antimony	7440360	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04	2E-04 3E+00	4.29E-04 4.29E-04		
OI SPRR3	Antimony Arsenic	7440360 7440382	5.61E-02	6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04	 1.50E+00	
OI SPRR3	Antimony Arsenic Barium	7440360 7440382 7440393	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04		
OI SPRR3	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 1.50E+00 	
OI SPRR3	Antimony Arsenic Barium	7440360 7440382 7440393 7440439_W 18540299_VI	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	 1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439966 7782492 7440224	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silvium Selenium Silvium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-03 2.00E-03	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene Acenaphthene Benzo[a]pyrene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 6.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene Acenaphthene Benzo[a]pyrene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 7.30E-01	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Chrysene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a],hjantrhacene	7440360 7440382 7440389 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703		6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00 	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/a,h]anthracene Dibenz/a,h]anthracene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	2E-04 3E+00	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-02	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,k]nathracene Dibenzofuran Fluoranthene Fluorene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03 4.00E-03 4.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-02	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz(a,h]anthracene Dibenz(a,h]anthracene Dibenz(a,h]enthracene Dibenz(a,h]enthracene Dibenz(a,h]enthracene Dibenz(a,h]enthracene Dibenz(a,h]enthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-02	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]antrhacene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 7440389 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/[a,h]anthracene Dibenz/[a,h]anthracene Thioranthene Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018	5.61E-02	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-02	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzola]fluoranthene Chrysene Dibenz/a,h]anthracene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-00 7.30E-01	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]Huoranthene Chrysene Dibenz[a,k]hanthracene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 238019 23804 86737 193395 91203 85018 129000 11096825	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz/a[n,lanthracene Dibenz/a[n,lanthracene Dibenz/a,h]anthracene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 106467	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-01	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]apyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]antrhacene Dibenzofuran Fluoranthene Fluorone Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440389 W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018 129000 11096825 106467 606202	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-05 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-03 3.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anhtracene Benzo[a]anhtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anhtracene Dibenza[a,h]anthracene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 106467	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00 7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-01	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]apyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]antrhacene Dibenzofuran Fluoranthene Fluorone Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 1290000 11096825 106467 606202 534521	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-05 3.00E-05 3.00E-05	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Acenaphthene Benzo[a]parthracene Benzo[a]prene Benzo[b]fluoranthene Benzo[a]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-05 3.00E-05 3.00E-05	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhracene Benzo[a]anhracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Pluoranthene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]aptracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz/a,h]anthracene Juliene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrooluene 4,6-Dinitroo-cresod 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexylphthalate	7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 206440 206440 1196825 106467 606202 534521 106445 111444 117817	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-04 5.00E-03 5.00E-04	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antrracene Benzo[a]apyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]antrhacene Dibenzofuran Fluoranthene Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylpheno (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440389 W 18540299_VI 7439965_NF 7439976 783292 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-04 5.00E-04	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
DI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]aptrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhesyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorobethane	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87654 87865	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]ifluoranthene Benzo[k]fluoranthene Chrysene Dibenz/[a,h]anthracene Dibenz/[a,h]a	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 833329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 1196825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 6.00E-03 6.00E	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]apyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]antrhacene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylpheno (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane	7440360 7440382 7440339 W 18540299 VI 7439965 NF 7439976 733977 7439976 83329 565533 50328 205992 207089 218019 53703 132649 206440 066407 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-04 4.00E-03	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene Acenaphthene Benzo[a]anhtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]horanthene Dibenz[a,k]hanthracene Dibenz[a,k]hanthracene Dibenz[a,k]hanthracene Dibenz[a,k]nathracene Dibenz[a,k]na	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 2057992 207089 218019 53703 132649 206440 206440 206440 11986825 106467 606202 534521 106445 606202 534521 106447 87865 71556 79005 75343 96184	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	2E-04 3E+00	4.29E-04 4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]anthracene Benzola]pyrene Benzolk]fluoranthene Chrysene Dibenz(ak]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylhexyl)phthalate Carbazzole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane 1,1,2-Trichlorocethane 1,2-3-Tichlorocethane 1,2-3-Tichlorocethane 1,2-3-Tichlorocethane 1,2-3-Tichlorocethane 1,2-3-Tichlorocethane	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 205445 111444 117817 86748 621647 87865 71556 79005 75343 96184	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 3.00E-02 2.00E-02	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]aptrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Prine Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-crossol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroptene 1,2-3-Dichloroethene 1,2-3-Dichloroethene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 205992 207089 218019 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-04 3E-00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anhthalene Acenaphthene Benzo[a]anhthacene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anhthracene Dibenz[a,h]anthracene Dibenz[a,h]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorochry)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dischlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83339 56553 50328 205992 207089 218019 53703 132649 206440 06407 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 5.00E-03 5.00E-02 5.00E-03	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]antracene Benzola]antracene Benzola]pyrene Benzola]pyrene Benzolk]fluoranthene Chrysene Dibenz[a,h]antrhacene Dibenzofuran Fluoranthene Fluorantene Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-J-Dichloroethane 1,2-J-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene	7440360 7440382 7440339_W 18540299_VI 7439965_NF 7439976 783292 7440224 91576 83329 207089 218019 53703 132649 206440 206440 206440 206440 206445 206455 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphranene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 206440 1196825 106467 666202 334521 106445 666202 334521 116444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-04 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]anthracene Benzola]pyrene Benzolk]fluoranthene Chrysene Dibenz(ak]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 206440 206440 117817 86738 82018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-01 3.00E-01 3.00E-01	2E-04 3E-00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]aptrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ckhoroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tichloroethane 1,1,2-Tichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Methyl chloride)	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106447 6060202 534521 106445 111444 117817 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-01 1.00E-01	2E-04 3E-03	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo [a]anthracene Benzo [a]anthracene Benzo [a]anthracene Benzo [b]ifluoranthene Benzo [b]ifluoranthene Benzo [k]ifluoranthene Dibenza [a,h]anthracene Dibenza [a,h]anthracene Dibenza [h]anthracene Dibenza [h]anthracene Dibenzo [h]enzo [h]enz	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 206440 1196825 106467 606202 534521 106445 606202 534521 111444 117817 86748 621647 87865 71556 71556 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 5.00E-03 5.00E-02 5.00E-03	2E-04 3E-00	4.29E-04	1.50E+00	ie.
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]apyrene Benzo[hiboranthene Benzo[k]fluoranthene Chrysene Dibenz[a,k]antrhacene Dibenzofuran Fluoranthene Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane (L-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Uchloroethene Uchloromethane (Methyl chloride)	7440360 7440382 7440383 7440339_W 18540299_VI 7439965_NF 7439976 733976 83329 565533 50328 205992 207089 218019 53703 132649 206440 206440 206440 206445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 75892	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03	2E-04 3E-01	4.29E-04	1.50E+00	ie.
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphranene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Pluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichloroethzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethoylenethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Tichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Benzene Chloromethane Ethyl chloride) cis-1,2-Dichloromethane Chloromethane Ethylbenzene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 1196825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E-04 3E-03	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]anthracene Benzola]pyrene Benzolk]fluoranthene Chrysene Dibenz(ak,ljanthracene Dibenzofuran Fluoranthene Fluoranthene Fluorone Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1-Dichlorobentpileher bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloropenane 1,2-Dichloroethane	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 545939 67641 71432 124481 75003 74873 1565992 75092 100414	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-01 3.00E-01 3.00E-01 3.00E-01 3.00E-01 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-01 3.00E-01 3.00E-01 3.00E-02	2E-04 3E-00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]aptrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ckhoroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethane Ethyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106447 606020 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414	5.61E-02	6.00E-03 6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	2E-04 3E+00	4.29E-04	1.50E+00	1E-
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo [a]anthracene Benzo [a]anthracene Benzo [a]anthracene Benzo [a]pyrene Benzo [b]ifluoranthene Benzo [k]ifluoranthene Benzo [k]ifluoranthene Dibenza [a,h]anthracene Dyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane 1,1,2-Trichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane Chlorodethane Ethyl chloride) cis-1,2-Dichlorocethane Chlorodethane Ethyl chloride cis-1,2-Dichlorocethene Dichloromethane Ethyl chloride Trichlorocethene Toluene Trichloroethene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 1096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 71556 71556 71556 71556 71536 71536 71541 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87488 117817 87503 75032 12481 175003 74873 156592 75092 100414 127184 108883 79016	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 5.00E-03 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-03 5.00E-01 5.00E-01 5.00E-01	2E-04 3E+00	4.29E-04	1.50E+00	
OI SPRR3	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]aptrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ckhoroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethane Ethyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106447 606020 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414	5.61E-02	6.00E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	2E-04 3E+00	4.29E-04	1.50E+00	

	Chemical	CAS Number	Cgw (mg/L)		ncancer Risk Oral RfD	RiskNC	C HIFC	ancer Risk Oral SF	Ris
OI 22B	Antimony	7440360	(mg/L)	6.00E-03	4.00E-04		4.29E-04		IXIS
	Arsenic	7440382	7.81E-03	6.00E-03	3.00E-04	2E-01	4.29E-04	1.50E+00	5E-
	Barium	7440393	4.07E-01	6.00E-03	7.00E-02	3E-02	4.29E-04		-
	Cadmium	7440439_W	6.70E-04	6.00E-03	5.00E-04	8E-03	4.29E-04		-
	Chromium Manganese	18540299_VI 7439965_NF	2.30E-02	6.00E-03 6.00E-03	3.00E-03 2.00E-02	5E-02	4.29E-04 4.29E-04		-
	Mercury	7439903_INF 7439976	ND	6.00E-03	3.00E-04		4.29E-04 4.29E-04		
	Selenium	7782492	3.38E-02	6.00E-03	5.00E-04	4E-02	4.29E-04		
	Silver	7440224	2.40E-03	6.00E-03	5.00E-03	3E-03	4.29E-04		
	2-Methylnaphthalene	91576	ND	6.00E-03	2.00E-02		4.29E-04		
	Acenaphthene	83329	2.30E-03	6.00E-03	6.00E-02	2E-04	4.29E-04		
	Benzo[a]anthracene	56553	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328 205992	ND ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Benzo[b]fluoranthene Benzo[k]fluoranthene	205992	ND	6.00E-03 6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E-01 7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02 2.00E-02		4.29E-04 4.29E-04	7.30E-02 7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649	ND	6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene	206440	2.00E-04	6.00E-03	4.00E-02	3E-05	4.29E-04		
	Fluorene	86737	1.00E-03	6.00E-03	4.00E-02	2E-04	4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene Phenanthrene	91203 85018	ND 3.00E-04	6.00E-03 6.00E-03	2.00E-02 2.00E-02	9E-05	4.29E-04 4.29E-04		
	Pyrene	129000	3.00E-04	6.00E-03	3.00E-02	6E-05	4.29E-04		
	Aroclor-1260	11096825	ND	6.00E-03	2.00E-05		4.29E-04	2.00E+00	
	1,4-Dichlorobenzene	106467	4.40E-03	6.00E-03	3.00E-02	9E-04	4.29E-04	2.40E-02	5E
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol)	106445	4.00E-04	6.00E-03	5.00E-03	5E-04	4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03	2.005.02		4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate Carbazole	117817 86748	2.00E-03 ND	6.00E-03 6.00E-03	2.00E-02	6E-04	4.29E-04 4.29E-04	1.40E-02 2.00E-02	1E
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04 4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865	2.00E-03	6.00E-03	3.00E-02	4E-04	4.29E-04	1.20E-01	1E
	1,1,1-Trichloroethane	71556	ND	6.00E-03	2.80E-01		4.29E-04		-
	1,1,2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	ND	6.00E-03	1.00E-01		4.29E-04		
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-03		4.29E-04	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND 1.17E-01	6.00E-03	3.00E-02	 8E-02	4.29E-04 4.29E-04	9.10E-02	
	Acetone	67641	1.17E-01 1.17E-02	6.00E-03 6.00E-03	9.00E-03 1.00E-01	7E-04	4.29E-04 4.29E-04		
	Benzene	71432	7.00E-04	6.00E-03	3.00E-03	1E-03	4.29E-04	5.50E-02	2E
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592	3.00E-02	6.00E-03	1.00E-02	2E-02	4.29E-04	 	-
	Dichloromethane	75092	2.30E-03	6.00E-03	6.00E-02	2E-04	4.29E-04	7.50E-03	7E
	Ethylbenzene Tetrachloroethene	100414 127184	ND ND	6.00E-03 6.00E-03	1.00E-01 1.00E-02		4.29E-04 4.29E-04	5.20E-02	
	Toluene	108883	ND	6.00E-03	2.00E-01		4.29E-04	J.20L-02	
	Trichloroethene		3.24E-03	6.00E-03	3.00E-04	6E-02	4.29E-04	1.10E-02	2E
	Vinyl Chloride	75014_A	3.42E-01	6.00E-03	3.00E-03	7E-01	4.29E-04	7.20E-01	1E
	Xylenes (Total)	1330207	1.40E-03	6.00E-03	2.00E+00 Total	4E-06 1E+00	4.29E-04	Total	1E
AOI 26	A	7440260		6 00E 02	4.00E.04		4.20E.04		
AOI 26	Antimony Arsenic	7440360 7440382	1.21E-02	6.00E-03 6.00E-03	4.00E-04 3.00E-04	2E-01	4.29E-04 4.29E-04	1.50E+00	8E
	Barium	7440393	2.68E-01	6.00E-03	7.00E-02	2E-02	4.29E-04		
	Cadmium	7440439_W	4.10E-03	6.00E-03	5.00E-04	5E-02	4.29E-04		
	Chromium	18540299_VI	2.70E-03	6.00E-03	3.00E-03	5E-03	4.29E-04		
	Manganese	7439965_NF		6.00E-03	2.00E-02		4.29E-04		
	Mercury		1.90E-03	6.00E-03	3.00E-04	4E-02	4.29E-04		
	Selenium		2.40E-03	6.00E-03	5.00E-03	3E-03	4.29E-04		
	Silver		2.40E-03	6.00E-03	5.00E-03	3E-03	4.29E-04		
	2-Methylnaphthalene Acenaphthene		9.72E-03 8.04E-03	6.00E-03 6.00E-03	2.00E-02 6.00E-02	3E-03 8E-04	4.29E-04 4.29E-04		
	Benzo[a]anthracene		4.61E-03	6.00E-03	2.00E-02	1E-03	4.29E-04 4.29E-04	7.30E-01	11
	Benzo[a]pyrene	50328	1.10E-03	6.00E-03	2.00E-02	3E-04	4.29E-04	7.30E+00	3E
	Benzo[b]fluoranthene	205992	2.30E-03	6.00E-03	2.00E-02 2.00E-02	7E-04	4.29E-04 4.29E-04	7.30E-00	7E
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	, -
	Chrysene	218019	6.28E-03	6.00E-03	2.00E-02	2E-03	4.29E-04	7.30E-03	2E
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649	5.35E-03	6.00E-03	4.00E-03	8E-03	4.29E-04		
	Fluoranthene Fluorene	206440 86737		6.00E-03 6.00E-03	4.00E-02 4.00E-02	7E-04 1E-03	4.29E-04 4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395		6.00E-03	2.00E-02	5E-04	4.29E-04 4.29E-04	7.30E-01	5E
			7.69E-03	6.00E-03	2.00E-02	2E-03	4.29E-04	7.5012-01	
	Naphthalene		1.37E-02	6.00E-03	2.00E-02	4E-03	4.29E-04		
	Phenanthrene					25.02	4.000.04		
	Phenanthrene Pyrene	129000	8.11E-03	6.00E-03	3.00E-02	2E-03	4.29E-04		
	Phenanthrene Pyrene Aroclor-1260	129000 11096825	8.11E-03	6.00E-03	3.00E-02 2.00E-05		4.29E-04	2.00E+00	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	129000 11096825 106467	8.11E-03 ND	6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02		4.29E-04 4.29E-04	2.00E+00 2.40E-02	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	129000 11096825 106467 606202	8.11E-03 ND ND	6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03	-	4.29E-04 4.29E-04 4.29E-04	2.00E+00	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	129000 11096825 106467 606202 534521	8.11E-03 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04		4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	129000 11096825 106467 606202 534521 106445	8.11E-03 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03	-	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	129000 11096825 106467 606202 534521	8.11E-03 ND ND ND ND 1.50E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04	 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01	
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	129000 11096825 106467 606202 534521 106445 111444	8.11E-03 ND ND ND ND 1.50E-03 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03	 2E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethlylhexyl)phthalate Carbazole n-Nitrosodipropylamine	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02	 2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 3.00E-02 2.80E-01	2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis/2-Chlorocthylether bis/2-Chlorocthylether bis/2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 3.00E-02 2.80E-01 4.00E-03	 2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Trichloroethane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343	8.11E-03 ND ND ND ND 1.50E-03 ND 9.90E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 3.00E-02 2.80E-01 4.00E-03 1.00E-01	2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	66
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethlylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-3-Trichloropropane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	 2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Dichloroethylether bisj2-Dichloroethane 1,1-Dichloroethane 1,2-J-Tichloroethane 1,2-J-Tichloroethane	129000 11906825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6H
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tichloroethane 1,1,2-Tichloroethane 1,2,3-Tichloroptophane 1,2,3-Tichloroptophane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	129000 11996825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND ND ND ND ND ND ND ND ND ND ND ND ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-03 	2E-03 3E-02 1E-03	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Chloroethylether bisj2-Dichloroethylether bisj2-Dichloroethane 1,1-Dichloroethane 1,2-J-Tichloroethane 1,2-J-Tichloroethane	129000 11906825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	2E-03 3E-02 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Ethlylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	8.11E-03 ND ND ND 1.50E-03 ND 9.90E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-02 	 2E-03 3E-02 1E-03 4E-04	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis/2-Chloroethylether bis/2-Chloroethylether bis/2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dich	129000 11096825 106467 606202 534521 1106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	8.11E-03 ND ND ND ND 1.50E-03 ND 9.90E-02 ND	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.80E-01 4.00E-03 1.00E-01 9.00E-03 3.00E-02 9.00E-03	2E-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2,3-Tirchloroethane 1,2-3-Tirchloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride)	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.80E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01 3.00E-02 9.00E-03 1.00E-01	ZE-03 	4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethlythexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane Chlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane Chlorocthane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethane	129000 11096825 106467 606202 334521 1106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 	6EE
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Chloromethane	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	8.11E-03	6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 		4.29E-04 4.29E-04	2.00E+00 2.40E+00 6.80E-01 1.40E+00 1.40E-02 2.00E+02 7.00E+00 1.20E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane Ethylenoethane Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	8.11E-03	6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-04 5.00E-03 	2E-03	4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.40E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2,3-Tirchloroethane 1,2,3-Tirchloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ethylbenzene Tetrachloroethene Tetrachloroethene Toluene	129000 11096825 106467 606202 534521 1106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	8.11E-03	6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-04 5.00E-03 	2E-03 	4.29E-04 4.29E-04	2.00E+00 2.40E+00 6.80E-01 1.40E+00 1.40E-02 7.00E+00 1.20E-01 	6E
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane Ethylenoethane Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene	129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	8.11E-03	6.00E-03 6.00E-03	3.00E-02 2.00E-05 3.00E-02 1.00E-04 5.00E-03 	2E-03	4.29E-04 4.29E-04	2.00E+00 2.40E-02 6.80E-01 1.40E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 	6E

APPENDIX E.2 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM GROUNDWATER Based on CTE Assumptions

			on CTE As:						
AOI	Chemical	CAS Number	Cgw		ncancer Risk		C	ancer Risk	
			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	Risk
OI CDDD 6	Antimony	7440360		6.00E-03	4.00E-04		4.29E-04		
AOI SERRS									25.0
	Arsenic		3.00E-03	6.00E-03	3.00E-04	6E-02	4.29E-04	1.50E+00	2E-0
	Barium	7440393	1.49E-01	6.00E-03	7.00E-02	1E-02	4.29E-04		
	Cadmium	7440439_W	7.70E-04	6.00E-03	5.00E-04	9E-03	4.29E-04		
	Chromium	18540299_VI	1.40E-03	6.00E-03	3.00E-03	3E-03	4.29E-04		
	Manganese	7439965_NF		6.00E-03	2.00E-02		4.29E-04		
	Mercury	7439976	ND	6.00E-03	3.00E-04		4.29E-04		
	Selenium	7782492	5.00E-03	6.00E-03	5.00E-03	6E-03	4.29E-04		
	Silver	7440224	ND	6.00E-03	5.00E-03		4.29E-04		
	2-Methylnaphthalene	91576	ND	6.00E-03	2.00E-02		4.29E-04		
	Acenaphthene	83329	ND	6.00E-03	6.00E-02		4.29E-04		
	Benzo[a]anthracene	56553	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.00E-03	2.00E-02	-	4.29E-04	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-02	
	Chrysene	218019	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	6.00E-03	2.00E-02		4.29E-04	7.30E+00	
	Dibenzofuran	132649		6.00E-03	4.00E-03		4.29E-04		
	Fluoranthene	206440	ND	6.00E-03	4.00E-02		4.29E-04		
	Fluorene	86737	ND	6.00E-03	4.00E-02		4.29E-04		
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.00E-03	2.00E-02		4.29E-04	7.30E-01	
	Naphthalene	91203	ND	6.00E-03	2.00E-02		4.29E-04		
	Phenanthrene	85018	ND	6.00E-03	2.00E-02		4.29E-04		
	Pyrene	129000	ND	6.00E-03	3.00E-02		4.29E-04		
	Aroclor-1260	11096825		6.00E-03	2.00E-02		4.29E-04 4.29E-04	2.00E+00	
		1096823	ND						
	1,4-Dichlorobenzene			6.00E-03	3.00E-02		4.29E-04	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	6.00E-03	1.00E-03		4.29E-04	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	6.00E-03	1.00E-04		4.29E-04		
	4-Methylphenol (p-Cresol)	106445	ND	6.00E-03	5.00E-03		4.29E-04		
	bis(2-Chloroethyl)ether	111444	ND	6.00E-03			4.29E-04	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND	6.00E-03	2.00E-02		4.29E-04	1.40E-02	
	Carbazole	86748	ND	6.00E-03			4.29E-04	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	6.00E-03			4.29E-04	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	6.00E-03	3.00E-02		4.29E-04	1.20E-01	
	1,1,1-Trichloroethane	71556	4.00E-03	6.00E-03	2.80E-01	9E-05	4.29E-04		
	1.1.2-Trichloroethane	79005	ND	6.00E-03	4.00E-03		4.29E-04	5.70E-02	
	1,1-Dichloroethane	75343	8.61E-02	6.00E-03	1.00E-01	5E-03	4.29E-04	J.70L-02	
	1,2,3-Trichloropropane	96184	ND	6.00E-03	6.00E-01		4.29E-04	2.00E+00	
	1,2-Dichloroethane	107062	ND	6.00E-03	3.00E-02		4.29E-04	9.10E-02	
	1,2-Dichloroethene		6.09E-02	6.00E-03	9.00E-03	4E-02	4.29E-04		
	Acetone	67641		6.00E-03	1.00E-01	4E-04	4.29E-04		
	Benzene	71432	6.05E-01	6.00E-03	3.00E-03	1E+00	4.29E-04	5.50E-02	1E-
	Chlorodibromomethane	124481	ND	6.00E-03	2.00E-02		4.29E-04	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	6.00E-03	4.00E-01		4.29E-04	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	6.00E-03			4.29E-04	1.30E-02	
	cis-1,2-Dichloroethene	156592	3.03E-03	6.00E-03	1.00E-02	2E-03	4.29E-04		
	Dichloromethane	75092		6.00E-03	6.00E-02	3E-03	4.29E-04	7.50E-03	1E-
	Ethylbenzene		9.45E-01	6.00E-03	1.00E-01	6E-02	4.29E-04	7.5012-05	11.
	Tetrachloroethene		2.00E-03	6.00E-03	1.00E-01	1E-03	4.29E-04 4.29E-04	5.20E-02	4E-
	Toluene	108883		6.00E-03	2.00E-01	7E-02	4.29E-04	1.105.03	
	Trichloroethene	79016	ND	6.00E-03	3.00E-04		4.29E-04	1.10E-02	
	Vinyl Chloride	75014_A	9.47E-02	6.00E-03	3.00E-03	2E-01	4.29E-04	7.20E-01	3E-
	Xylenes (Total)	1330207	7.90E+00	6.00E-03	2.00E+00	2E-02	4.29E-04		
					Total	2E+00		Total	5E-

AOI	Chemical	CAS Number	Cgw	ssumptions No	ncancer Risk			ancer Risk	
	Circinicai	CAS Ivanioci	(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	Ris
AOI 1	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		-
	Arsenic	7440382		9.78E-03	3.00E-04		3.49E-03	1.50E+00	-
	Barium	7440393 7440439 W		9.78E-03	7.00E-02		3.49E-03		-
	Cadmium Chromium	18540299 VI		9.78E-03 9.78E-03	5.00E-04 3.00E-03		3.49E-03 3.49E-03		-
	Manganese	7439965 NF		9.78E-03	2.00E-02		3.49E-03		-
	Mercury	7439976		9.78E-03	3.00E-04		3.49E-03		
	Selenium	7782492		9.78E-03	5.00E-03		3.49E-03		-
	Silver	7440224		9.78E-03	5.00E-03		3.49E-03		-
	2-Methylnaphthalene	91576	4.50E-03	9.78E-03	2.00E-02	2E-03	3.49E-03		-
	Acenaphthene	83329	ND	9.78E-03	6.00E-02		3.49E-03	 	-
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01 7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-00 7.30E-01	
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	ND	9.78E-03	4.00E-03		3.49E-03		
	Fluoranthene	206440	ND	9.78E-03	4.00E-02		3.49E-03		
	Fluorene	86737	ND ND	9.78E-03	4.00E-02		3.49E-03	7.30E-01	
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01	
	Phenanthrene	85018	ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03		
	Pyrene	129000	ND	9.78E-03	3.00E-02		3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03		
	bis(2-Chloroethyl)ether	111444	ND	9.78E-03			3.49E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND	9.78E-03	2.00E-02		3.49E-03	1.40E-02	
	Carbazole n Nitrosodinronylamina	86748	ND	9.78E-03			3.49E-03	2.00E-02	
	n-Nitrosodipropylamine Pentachlorophenol (PCP)	621647 87865	ND ND	9.78E-03 9.78E-03	3.00E-02		3.49E-03 3.49E-03	7.00E+00 1.20E-01	
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane	71556	ND ND	9.78E-03 9.78E-03	3.00E-02 2.80E-01		3.49E-03 3.49E-03	1.20E-01	
	1,1,1-1richloroethane	79005	ND ND	9.78E-03 9.78E-03	4.00E-03		3.49E-03 3.49E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	9.78E-03	1.00E-01		3.49E-03		
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	9.78E-03	9.00E-03		3.49E-03		
	Acetone	67641	ND	9.78E-03	1.00E-01		3.49E-03		
	Benzene	71432	ND	9.78E-03	3.00E-03		3.49E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03			3.49E-03	1.30E-02	
	cis-1,2-Dichloroethene	156592	2.705.02	9.78E-03	1.00E-02	 CE 04	3.49E-03	7.500.02	115
	Dichloromethane Ethylbenzene	75092 100414	3.70E-03 ND	9.78E-03 9.78E-03	6.00E-02 1.00E-01	6E-04	3.49E-03 3.49E-03	7.50E-03	1E
	Tetrachloroethene	127184	ND	9.78E-03 9.78E-03	1.00E-01 1.00E-02		3.49E-03 3.49E-03	5.20E-02	
	Toluene	108883	ND	9.78E-03	2.00E-02		3.49E-03	J.20L=02	
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02	
	Vinyl Chloride	75014 A	ND	9.78E-03	3.00E-03		3.49E-03	7.20E-01	
	Xylenes (Total)	1330207	ND	9.78E-03	2.00E+00		3.49E-03		
					Total	3E-03		Total	1E
AOI 12	Antimony Arsenic	7440360 7440382	8 60E-03	9.78E-03 9.78E-03	4.00E-04 3.00E-04	 3E-01	3.49E-03	 1.50E+00	5E
	Arsenic Barium	7440382 7440393	8.60E-03 4.01E-01	9.78E-03 9.78E-03	3.00E-04 7.00E-02	3E-01 6E-02	3.49E-03 3.49E-03	1.50E+00	5E
	Cadmium	7440439 W	4.70E-03	9.78E-03	5.00E-04	9E-02	3.49E-03		
	Chromium	18540299 VI	3.15E-03	9.78E-03	3.00E-03	1E-02	3.49E-03		
	Manganese	7439965 NF		9.78E-03	2.00E-02		3.49E-03		
			2 405 05		3.00E-04	8E-04	3.49E-03		
	Mercury	7439976	2.40E-05	9.78E-03	J.00L=04				
			1.96E-02	9.78E-03 9.78E-03	5.00E-03	4E-02	3.49E-03		
	Mercury	7439976 7782492 7440224					3.49E-03 3.49E-03		
	Mercury Selenium Silver 2-Methylnaphthalene	7439976 7782492 7440224 91576	1.96E-02 2.40E-03 ND	9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02	4E-02 5E-03	3.49E-03 3.49E-03		
	Mercury Selenium Silver	7439976 7782492 7440224 91576 83329	1.96E-02 2.40E-03 ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02	4E-02 5E-03	3.49E-03 3.49E-03 3.49E-03	 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7439976 7782492 7440224 91576 83329 56553	1.96E-02 2.40E-03 ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03	 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7439976 7782492 7440224 91576 83329 56553 50328	1.96E-02 2.40E-03 ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene	7439976 7782492 7440224 91576 83329 56553 50328 205992	1.96E-02 2.40E-03 ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]lamthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.96E-02 2.40E-03 ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.96E-02 2.40E-03 ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenzo[a,b]anthracene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	4E-02 5E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 230440 86737 193395	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02	4E-02 5E-03 2E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]ipyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02	4E-02 5E-03 2E-05 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amhracene	7439976 7782492 77440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 2E-05 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]ipyrene Benzo[b]iluoranthene Benzo[b]iluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 2E-05 3E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-00 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[b]lroranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03 2E-05 3E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 	
	Mercury Selenium Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphracene Benzo[a]aphracene Benzo[a]aphracene Benzo[b]iloranthene Benzo[k]iloranthene Chrysene Dibenz[a,h]amhracene Dibenz[a,h]amhracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7439976 7782492 77440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-05 3.00E-05 3.00E-05	4E-02 5E-03 2E-05 3E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 13073 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03	4E-02 5E-03 2E-05 3E-05	3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chryssne Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorente Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-D)bichlorobenzene 2,6-Dinitro-o-cresol	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 2.00E-03 3.00E-02 2.00E-02	4E-02 5E-03 2E-05 3E-05	3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Genzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 13073 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03	4E-02 5E-03 2E-05 3E-05	3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chryssne Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorente Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-D)bichlorobenzene 2,6-Dinitro-o-cresol	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 5334521 106445	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 3.00E-02 1.00E-03 1.00E-04 1.00E-03	4E-02 5E-03 2E-05 3E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[s]lpyrene Benzo[s]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 106445	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-03	4E-02 5E-03 -	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chryssene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dibehlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 3.00E-02 1.00E-04 5.00E-03	4E-02 5E-03 -	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[c]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenenthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol) bis(2-Ethylbert)pithhalte Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02	4E-02 5E-03 -	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03		3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bist2-Chloroethyl)ether bist2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 1106445 1106445 1117817 86748 621647 87865 71556	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-03 1.00E-03 1.00E-03 	4E-02 5E-03 2E-05 3E-05 3E-05	3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	3H
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]pyrene Benzo[s]huoranthene Benzo[s]Huoranthene Benzo[s]Huoranthene Chrysene Dibenz[a,h]amhracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ethen bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane	7,439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-05 3.00E-02 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-03	4E-02 5E-03 2E-05 3E-05 3E-02	3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]ipyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitrotolucne 4,6-Dinitrotol	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03	3.49E-03 3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arnolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorochyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocpopane	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 1.00E-03 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	4E-02 SE-03	3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,23-c,d]pyrene Naphthalene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroppane 1,2-3-Trichloroppane 1,2-Dichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.30E-01 1.10E+00 1.40E-02 2.00E-00 7.50E-01 5.70E-02 2.00E-00 9.10E-02	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroppopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7,439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-03 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 7.00E+00 1.20E-01 5.70E-02 2.00E-00 9.10E-02	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]pyrene Benzo[a]pyrene Benzo[s]Huoranthene Benzo[s]Huoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ethen bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone	7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 5.00E-02 5.00E-03 5.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 6.00E-03 3.00E-02 9.00E-02	4E-02 5E-03	3.49E-03		3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]ipyrene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 86748 621647 87865 71556 7157343 96184 107062 540590 67641	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-01 0.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluorante Fluorante Fluorante Fluorante Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Einylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 87865 77055 75343 96184 107062 540590 67641 71432	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-03 6.0	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[c]fluoranthene Chrysene Dibenzoftaran Fluoranthene Fluorene Indeno[1,23-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyerne Aroclor-1260 14-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethyltexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethane	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 85918 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 5405900 67641 71432 124481	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 2.00E-00 9.10E-02 9.10E-02 8.40E-02	3E 8E 2E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoliuene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentanchlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7439976 7782492 7782492 7782492 7782492 7782492 7782492 7782492 7782492 778292 77829 7782492 7	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-04 6.00E-03 6.00E-03 6.00E-04 6.0	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	3E8
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]Huoranthene Benzo[a]hjuoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene Cetone Benzene Chlorodibromomethane Chloroethomomethane Chloroethene Chloroethene Chloroethene	7,439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 6.00E-03 6.0	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 2.00E-00 1.40E-02 2.00E-01 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.90E-03 1.30E-03	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]ipyrene Benzo[b]iluoranthene Benzo[b]iluoranthene Benzo[b]iluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Unchloroethene Dichloroethene	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 2.00E-02 9.00E-03 1.00E-01 6.00E-03 2.00E-02 4.00E-01	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.3	3E 8E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmyrene Benzo[s]lluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-cresol bist2-Chloroethyl)ether bist2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethane (Hethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene	7439976 7782492 7740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 11096825 106467 606202 534521 106445 111444 117817 87655 75034 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 3.00E-02 1.00E-03 3.00E-02 2.00E-02 2.00E-02 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 3.00E-02 4.00E-03 1.00E-01 3.00E-02 4.00E-03	4E-02 SE-03	3.49E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 2.00E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E-03 1.30E-02 7.50E-02	3B
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Genzo[b]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,23-c,d]pyrene Naphthalene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7782492 7782492 7782492 7782492 7782492 7782492 7782492 77824 7782492 77824 7782492 77824 7782492 77824 7782492 77824 7782	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-04 6.00E-03 3.00E-02 1.00E-01 3.00E-02 2.00E-02 2.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-03 0.00E-01 0.00E-01 0.00E-01 0.00E-01 0.00E-03 0.00E-02 0.00E-02 0.00E-02	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01	3BE
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]Intracene Benzo[a]Intracene Benzo[a]Intracene Benzo[b]Iluoranthene Benzo[b]Iluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoliuene 4,6-Dinitro-o-cresol bis(2-Chlorotethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Dichloroethane Ethylbenzene Tetrachloroethene Toluene	7439976 7782492 7782492 7440224 91576 83329 56553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-02 4.00E-01 1.00E-01	4E-02 SE-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Genzo[b]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorene Indeno[1,23-c,d]pyrene Naphthalene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7782492 7782492 7782492 7782492 7782492 7782492 7782492 77824 7782492 77824 7782492 77824 7782492 77824 7782492 77824 7782	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-04 6.00E-03 3.00E-02 1.00E-01 3.00E-02 2.00E-02 2.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-03 0.00E-01 0.00E-01 0.00E-01 0.00E-01 0.00E-03 0.00E-02 0.00E-02 0.00E-02	4E-02 5E-03	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.30E-01 1.00E-00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 7.50E-03 1.30E-03	3E
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]mhracene Benzo[a]myrene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexyl)phthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane Lithlybenzene Tetrachloroethene Tetrachloroethene Totulene Trichloroethene	7439976 7782492 7740224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 787865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75692 75092 75092 75092 100414 127184 108883 79016	1.96E-02 2.40E-03 ND	9.78E-03	5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 6.00E-03 6.00E-01 6.00E-01 6.00E-01 6.00E-01 6.00E-01 6.00E-01	4E-02 5E-03	3.49E-03		3E

AOI 13		CAS Number	Cgw (mg/L)	Noi HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Risk
	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
	Arsenic	7440382	6.40E-02	9.78E-03	3.00E-04	2E+00	3.49E-03	1.50E+00	3E-0
	Barium	7440393	1.60E+00	9.78E-03	7.00E-02	2E-01	3.49E-03		
	Cadmium	7440439_W	6.70E-03	9.78E-03	5.00E-04	1E-01	3.49E-03		
	Chromium	18540299_VI	2.30E-01	9.78E-03	3.00E-03	8E-01	3.49E-03		
	Manganese	7439965_NF		9.78E-03	2.00E-02		3.49E-03		
	Mercury	7439976	ND	9.78E-03	3.00E-04		3.49E-03		
	Selenium	7782492	ND	9.78E-03	5.00E-03		3.49E-03		
	Silver	7440224	1.20E-02	9.78E-03	5.00E-03	2E-02	3.49E-03		
	2-Methylnaphthalene	91576	1.30E+00	9.78E-03	2.00E-02	6E-01	3.49E-03		
	Acenaphthene	83329	6.23E-03	9.78E-03	6.00E-02	1E-03	3.49E-03		
	Benzo[a]anthracene	56553	1.00E-04	9.78E-03	2.00E-02	5E-05	3.49E-03	7.30E-01	3E-
	Benzo[a]pyrene	50328	1.00E-04	9.78E-03	2.00E-02	5E-05	3.49E-03	7.30E+00	3E-
	Benzo[b]fluoranthene	205992	2.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03	7.30E-01	5E-
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	-
	Chrysene	218019	1.00E-04	9.78E-03	2.00E-02	5E-05	3.49E-03	7.30E-03	3E-
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	-
	Dibenzofuran	132649	ND	9.78E-03	4.00E-03	 	3.49E-03		-
	Fluoranthene	206440	5.20E-03	9.78E-03	4.00E-02	1E-03	3.49E-03		-
	Fluorene	86737	9.15E-03	9.78E-03	4.00E-02	2E-03	3.49E-03	 7.20F.01	-
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02	4E 02	3.49E-03	7.30E-01	-
	Naphthalene	91203	7.63E-02	9.78E-03	2.00E-02	4E-02	3.49E-03		-
	Phenanthrene	85018	4.32E-02	9.78E-03	2.00E-02	2E-02	3.49E-03		-
	Pyrene	129000	4.95E-03	9.78E-03	3.00E-02	2E-03	3.49E-03	2.005:00	-
	Aroclor-1260	11096825 106467	ND	9.78E-03 9.78E-03	2.00E-05		3.49E-03	2.00E+00 2.40E-02	-
	1,4-Dichlorobenzene				3.00E-02		3.49E-03		25
	2,6-Dinitrotoluene		7.40E-03	9.78E-03	1.00E-03	7E-02	3.49E-03	6.80E-01	2E-
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		-
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03	1.10E+00	-
	bis(2-Chloroethyl)ether	111444	ND 5 10E 01	9.78E-03	2.005.02	2E 01	3.49E-03	1.10E+00	25
	bis(2-Ethylhexyl)phthalate	117817	5.10E-01	9.78E-03	2.00E-02	2E-01	3.49E-03	1.40E-02	2E-
	Carbazole n Nitrosodinronylamina	86748	1.00E-03	9.78E-03			3.49E-03	2.00E-02	7E-
	n-Nitrosodipropylamine	621647	ND	9.78E-03	2 00E 02		3.49E-03	7.00E+00	-
	Pentachlorophenol (PCP)	87865	ND	9.78E-03	3.00E-02		3.49E-03	1.20E-01	-
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03	 5.70F.02	-
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	-
	1,1-Dichloroethane	75343	ND	9.78E-03	1.00E-01		3.49E-03		-
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	-
	1,2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	-
	1,2-Dichloroethene	540590	ND	9.78E-03	9.00E-03		3.49E-03		-
	Acetone		2.00E-03	9.78E-03	1.00E-01	2E-04	3.49E-03	 5.50E.03	-
	Benzene	71432	2.49E-02	9.78E-03	3.00E-03	8E-02	3.49E-03	5.50E-02	5E
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	-
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	-
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03			3.49E-03	1.30E-02	-
	cis-1,2-Dichloroethene	156592		9.78E-03	1.00E-02		3.49E-03		-
	Dichloromethane	75092	4.84E-03	9.78E-03	6.00E-02	8E-04	3.49E-03	7.50E-03	1E-
	Ethylbenzene	100414	2.68E-02	9.78E-03	1.00E-01	3E-03	3.49E-03		-
	Tetrachloroethene	127184	1.90E-03	9.78E-03	1.00E-02	2E-03	3.49E-03	5.20E-02	3E
	Toluene	108883	2.60E-03	9.78E-03	2.00E-01	1E-04	3.49E-03		-
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02	-
	Vinyl Chloride	75014_A	ND	9.78E-03	3.00E-03	7E-05	3.49E-03	7.20E-01	-
	Xylenes (Total)		1.47E-02	9.78E-03	2.00E+00 Total	4E+00	3.49E-03	Total	4E
AOI 18	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
AOI 18	Antimony Arsenic	7440360 7440382	 3.80E-03	9.78E-03 9.78E-03		 1E-01	3.49E-03 3.49E-03	 1.50E+00	2E
AOI 18	Arsenic	7440382	3.80E-03	9.78E-03	4.00E-04 3.00E-04	1E-01	3.49E-03		2E-
AOI 18	Arsenic Barium	7440382 7440393	3.80E-03 1.07E-01	9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02	1E-01 1E-02	3.49E-03 3.49E-03		-
AOI 18	Arsenic Barium Cadmium	7440382	3.80E-03 1.07E-01 1.80E-03	9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04	1E-01 1E-02 4E-02	3.49E-03 3.49E-03 3.49E-03	1.50E+00 	-
AOI 18	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	3.80E-03 1.07E-01	9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	1E-01 1E-02	3.49E-03 3.49E-03	1.50E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	1E-01 1E-02 4E-02 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	1E-01 1E-02 4E-02 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 6.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7782492 7440224 91576 83329 56553 50328	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aprrene Benzo[a]pyrene Benzo[b]Houranthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E+00 7.30E-01	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-02	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[a]k]fluoranthene Chrysene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]pyrene Benzo[b]koranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]nathracene	7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]Huoranthene Benzo[k]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E+00 7.30E+00 7.30E-03 7.30E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]aphrene Benzo(a]aphrene Benzo(a]fluoranthene Chrysene Dibenz(a,h)anthracene Dibenzofuranthene Chrysene Dibenzofuranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene	7440382 7440393 W 18540299 W1 7439965 NF 7439965 F 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-03 7.30E-03	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	3.80E-03 1.07E-01 1.80E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]Houranthene Benzo[b]Houranthene Chrysene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]phyrene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440393 W 18540299 W1 7439965 NF 7439965 NF 7439976 7782492 7440224 7440224 744022 740222 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-02 1E-02 1E-02 1E-02 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selehium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[s]ilvoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluoranthene Phenanthrene Pherene	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	1.50E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chryssne Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 - ND ND ND ND ND ND ND ND ND ND ND ND ND N	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04	3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03	1.50E+00	-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[a]ahjantracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arbelor-1260 1,4-Dichlorobenzene	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 7440224 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 3.00E-03 ND	9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E.03 3.49E.03	1.50E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]Intracene Benzo[a]Intracene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 7440439 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03 3.49E.03	1.50E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[s]lhoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dibithorobenzene 2,6-Dimitrooluene 4,6-Dimitroo-c-resol	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03	1E-01 1E-02 4E-02 5E-03 	3.49E.03 3.49E.03	1.50E+00	
AOI 18	Arsenic Barium Chromium Manganese Mercury Selehium Sliver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aprene Benzo[a]aprene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440382 7440439_W 1854029_VI 1840299_VI 7439965_NF 7439965 7439976 782492 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E.03 3.49E.03	1.50E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]mytraene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chryssne Dibenz[a,h]amthracene Dibenz[a,h]amthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dischlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorochyl)ether	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 106445 111444	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND	9,78E-03 9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-04 5.00E-03	1E-01 1E-02 4E-02 5E-03 	3.49E.03 3.49E.03	1.50E+00	
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]apyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz/anjannarian Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether sig-2-Ethylkeylphthalate	7440382 7440393 W 18540299 W1 7439965 NF 7439965 NF 7439965 7480224 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 1.00E-03 ND	9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 4.00E-03 4.00E-03 1.00E-04 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03 3.49E-03	1.50E+00	38-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmyrene Benzo[s]lmyrene Benzo[s]lfluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,b]inthracene Dibenz[a,c]inthracene Dibenz	7440382 7440439_W 1854029_VI 7439965_NF 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03 3.49E.03	1.50E+00	386
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dishlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocchyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-04 5.00E-03	1E-01 1E-02 4E-02 5E-03 	3.49E.03 3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lntracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Pluoranthene Pluoranthene Ploorene Apathtalene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylbenyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04 3E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]pyrene Benzo[b]luoranthene Benzo[b]luoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 111444 117817 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04 3E-03 2E-03	3.49E.03	1.50E+00	386
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a]harracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberylphthalet) carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 106445 111444 117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 1.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03	1.50E+00	3E.
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmyrene Benzo[s]lmoranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chloroethylphthaltet Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a]harracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberylphthalet) carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 106445 111444 117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 1.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 	3.49E-03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lmyrene Benzo[s]lmoranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chloroethylphthaltet Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Trichloroethane 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3EA
AOI 18	Arsenic Barium Cchromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Pluoranthene Pluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroppane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 5108 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-02 5.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04 3E-03 2E-03 2E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobence 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3EA
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a]hamtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]amtracene Dibenz[a,h]dibenz[a] Fluoranthene Fluorene Houorene Houorene Houorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03 1E-04	3.49E-03	1.50E+00	3E-
AOI 18	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[s]Huoranthene Benzo[s]Huoranthene Benzo[s]Huoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]britorachura Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 17432	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	384
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[a]pyrene Benzo[s]pyrene Benzo[s]pyrene Benzo[s]pyrene Benzo[s]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amhracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7440382 7440393 W 18540299 W1 7439965 NF 743996 NF 7439965 74398 NF 743996 NF 743996 NF 743996 NF 743996 NF 743996 NF 743996 NF 744024 744026 745026 74502 74602	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 3.00E-03 ND	9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 4E-02 5E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[s]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenentheno (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,1-3-Tichloroethane 1,1-3-Tichloroethane 1,2-3-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroetibromomethane Chlorodibromomethane Chloroetibromomethane	7440382 7440439_W 1854029_W1 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 4E-02 5E-03 1E-02 6E-03 1E-04 3E-03 2E-04	3.49E-03	1.50E+00	3E.
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride)	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 205982 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	3.80E-03 1.07E-01 1.80E-03 1.50E-03	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E.
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]amhracene Benzo[a]mhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Fluorene Hodeno[1,23-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloroethane (Chlorotothromomethane Chloroethane (Ethyl chloride) Chloromethane (Chlorotothromomethane Chloroethane (Ethyl chloride) Chloromethane (Chlorothene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride)	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 205982 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]amhracene Benzo[a]mhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Fluorene Hodeno[1,23-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloroethane (Chlorotothromomethane Chloroethane (Ethyl chloride) Chloromethane (Chlorotothromomethane Chloroethane (Ethyl chloride) Chloromethane (Chlorothene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 3.00E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[s]lluoranthene Benzo[s]lluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Dichloromethene Dichloromethane	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106457 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 0.0E-02 0.0E-02 0.0E-02 0.0E-02 0.0E-02 0.0E-02 0.0E-02 0.0E-03 0.0E-03 0.0E-03 0.0E-03 0.0E-04 0.0E-03 0.0E-02 0.0E-03 0.0E-02 0.0E-03 0.0E-02 0.0E-03 0.0E-04 0.0E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]luoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Chrysene Dibenz[a, h]anthracene Dibenzoftran Fluorante Fluorante Fluorante Fluorante Fluorante Phenanthrene L; 2-Findhrochene L; 2-Findhrochene L; 2-Trichlorocthane L; 2-Trichlorocthane L; 2-Trichlorocthane L; 2-Trichlorocthane L; 2-Dichlorocthene Acetone Benzene Chlorocthane (Ethyl chloride) Chloromethane Lichlorocthane Lichlorocthane Chlorocthane (Ethyl chloride) Chloromethane Ethylbenzene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 086737 193395 19103 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 3.00E-03 ND	9,78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Nasphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoliuene 4,6-Dinitro-c-cresol 1,4-Dichlorobenol (P-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloroethane Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	7440382 7440393 7440439_W 18540299_W 18540299_W 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75003 74873 156592 75092	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	9.78E-03	4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.0	1E-01 1E-02 4E-02 5E-03 1E-04	3.49E.03	1.50E+00	3E-
AOI 18	Arsenic Barium Cchromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]mhracene Benzo[a]mhracene Benzo[a]mhracene Benzo[a]mhracene Benzo[b]fluoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene Toluene Trichloroethene	7440382 7440393 7440439_W 1854029_W1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 82900 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77505 75343 96184 107062 540590 67641 71432 124481 75003 74873 75093 75893 75893 1566592 75092 100414 127184 108883 79016	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 1.50E-03 ND	9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-01 5.00E-01 5.00E-01 5.00E-01 5.00E-01	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E-03	1.50E+00	2E
AOI 18	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Nasphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoliuene 4,6-Dinitro-c-cresol 1,4-Dichlorobenol (P-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloroethane Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 75092 100414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND	9.78E-03	4.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.0	1E-01 1E-02 4E-02 5E-03 1E-02 6E-03	3.49E.03	1.50E+00	3E-

AOI 19		CAS Number	Cgw (mg/L)	Noi HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	R
	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
	Arsenic	7440382	ND	9.78E-03	3.00E-04	 (F.02	3.49E-03	1.50E+00	
	Barium	7440393	4.56E-01	9.78E-03	7.00E-02	6E-02	3.49E-03		
	Cadmium Chromium	7440439_W 18540299 VI	ND 5.80E-04	9.78E-03 9.78E-03	5.00E-04 3.00E-03	2E-03	3.49E-03 3.49E-03		
	Manganese	7439965 NF	J.00L-04	9.78E-03	2.00E-02		3.49E-03		
	Mercury	7439976	ND	9.78E-03	3.00E-04		3.49E-03		
	Selenium	7782492	2.34E-02	9.78E-03	5.00E-03	5E-02	3.49E-03		
	Silver	7440224	2.40E-03	9.78E-03	5.00E-03	5E-03	3.49E-03		
	2-Methylnaphthalene	91576	2.00E-03	9.78E-03	2.00E-02	1E-03	3.49E-03		
	Acenaphthene	83329	8.00E-04	9.78E-03	6.00E-02	1E-04	3.49E-03	7.20F.01	
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01 7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E-02 2.00E-02		3.49E-03	7.30E-00	
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649		9.78E-03	4.00E-03		3.49E-03		
	Fluoranthene	206440	ND	9.78E-03	4.00E-02		3.49E-03		
	Fluorene	86737	1.00E-03 ND	9.78E-03	4.00E-02	2E-04	3.49E-03	7.30E-01	
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.50E-01	
	Phenanthrene	85018	2.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03		
	Pyrene	129000	ND	9.78E-03	3.00E-02		3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521	ND ND	9.78E-03 9.78E-03	1.00E-04 5.00E-03		3.49E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445 111444	ND ND	9.78E-03 9.78E-03	5.00E-03		3.49E-03 3.49E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	3.00E-04	9.78E-03 9.78E-03	2.00E-02	1E-04	3.49E-03 3.49E-03	1.40E=02	11
	Carbazole	86748	ND	9.78E-03			3.49E-03	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	9.78E-03	3.00E-02		3.49E-03	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03		
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	
	1,1-Dichloroethane 1,2,3-Trichloropropane	75343 96184	ND ND	9.78E-03	1.00E-01 6.00E-03		3.49E-03 3.49E-03	2.00E+00	
	1,2,3-1richloropropane 1,2-Dichloroethane	107062	ND ND	9.78E-03 9.78E-03	6.00E-03 3.00E-02		3.49E-03 3.49E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	9.78E-03	9.00E-02		3.49E-03	J.10L-02	
	Acetone	67641	ND	9.78E-03	1.00E-01		3.49E-03		
	Benzene	71432	ND	9.78E-03	3.00E-03		3.49E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03	1.000.03		3.49E-03	1.30E-02	
	cis-1,2-Dichloroethene Dichloromethane	156592 75092	ND ND	9.78E-03 9.78E-03	1.00E-02 6.00E-02		3.49E-03 3.49E-03	7.50E-03	
	Ethylbenzene	100414	ND	9.78E-03 9.78E-03	1.00E-02		3.49E-03 3.49E-03	7.30E-03	
	Tetrachloroethene	127184	ND	9.78E-03	1.00E-02		3.49E-03	5.20E-02	
	Toluene	108883	ND	9.78E-03	2.00E-01		3.49E-03		
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02	
	Vinyl Chloride	75014_A	ND	9.78E-03	3.00E-03		3.49E-03	7.20E-01	
	Xylenes (Total)	1330207	ND	9.78E-03	2.00E+00 Total	1E-01	3.49E-03	Total	11
AOI 20	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
	Arsenic	7440382	1.46E-02	9.78E-03	3.00E-04	5E-01	3.49E-03	1.50E+00	8
		7440202	2 0 1 12 0 1		7 000 00				
	Barium	7440393 7440439 W	3.91E-01 3.90E-03	9.78E-03	7.00E-02 5.00E-04	5E-02	3.49E-03 3.49E-03		
	Cadmium	7440439_W	3.90E-03	9.78E-03 9.78E-03	5.00E-04	8E-02	3.49E-03	-	
				9.78E-03				 	
	Cadmium Chromium	7440439_W 18540299_VI 7439965_NF	3.90E-03	9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03	8E-02 7E-02	3.49E-03 3.49E-03		
	Cadmium Chromium Manganese	7440439_W 18540299_VI 7439965_NF 7439976 7782492	3.90E-03 2.03E-02 3.60E-05 4.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02	8E-02 7E-02 1E-03 8E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03		
	Cadmium Chromium Manganese Mercury Selenium Silver	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	8E-02 7E-02 1E-03 8E-03 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 7.30E-01 7.30E+00	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]aphrene Benzo(a]lyrene Benzo(b]fluoranthene Benzo(k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 205992 207089 218019 53703 132649	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene	7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	8E-02 7E-02 1E-03 8E-03 5E-03 5E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-00	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluorene	7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofurran Fluoranthene	7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	8E-02 7E-02 1E-03 8E-03 5E-03 3E-03 5E-04 4E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-00	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pryene Benzo[a]pryene Benzo[a]pryene Benzo[a]pryene Benzo[a]propen Benzo[a]propen Benzo[a]propen Benzo[a]propen Benzo[a]propen Benzo[a]pryene Benzo[a]pryene Benzo[a]pryene Benzo[a]pryene Benzo[a]pryene	7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395	3.90E-03 2.03E-02 - 3.60E-05 4.00E-05 4.00E-03 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	5.00E-04 3.00E-02 3.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 4.00E-02 2.00E-02	8E-02 7E-02 1E-03 5E-03 3E-03 5E-04 4E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(b)fluoranthene Dibenz(a, h]anthracene Dibenzofuran Fluoranthene Fluorene Fluorene Naphthalene Phenanthrene Phyrene	7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 80328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02	8E-02 7E-02 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aprene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene	7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000	3.90E-03 2.03E-02 3.60E-05 4.00E-05 4.00E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	8E-02 7E-02 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[s]fluoranthene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440439_W 1854029_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 80328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.90E-03 2.03E-02 3.60E-05 4.00E-03 4.00E-03 4.00E-03 ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-04 5.00E-02 3.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02	8E-02 7E-02 	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	31
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202	3-90E-03 2-03E-02	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 5E-04 4E-04 6E-04 2E-05 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	31
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a]pyrene Benzo(b]fluoranthene Chrysene Dibenz/a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arnoclor-1260 1,4-D)bichlorobenzene 2,6-Dinitrodolucne 4,6-Dinitro-o-cresol	7440439_W 1854029_VI 7439965_NF 77852492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 2.40E-03 3.00E-03 ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-04 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 1.00E-03 1.00E-04	8E-02 7E-02 1E-03 8E-03 3E-03 3E-04 4E-04 7E-04 2E-05 1E-04	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 	31
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(s]fluoranthene Genzo(alpyrene Dibenzoftran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyerne Aroclor-1260 14-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440439_W 1854029_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445	3,90E-03 2.03E-02 3.60E-05 4,00E-05 2,40E-03 6.58E-03 3,00E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-02	8E-02 7E-02 1E-03 8E-03 5E-03 5E-04 4E-04 6E-04 2E-05 1E-04	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	31
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a]pyrene Benzo(b]fluoranthene Chrysene Dibenz/a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arnoclor-1260 1,4-D)bichlorobenzene 2,6-Dinitrololuene 4,6-Dinitro-o-cresol	7440439_W 1854029_VI 7439965_NF 77852492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 2.40E-03 3.00E-03 ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-04 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 1.00E-03 1.00E-04	8E-02 7E-02 1E-03 8E-03 3E-03 3E-04 4E-04 7E-04 2E-05 1E-04	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]luoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorochyl)ether	7440439_W 1854029_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1104445	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 2.40E-03 3.00E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-04 5.00E-05	8E-02 7E-02 1E-03 8E-03 3E-03 3E-04 4E-04 7E-04 2E-05 1E-04	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] jamthracene Benzo(a) jlyrene Benzo(b) fluoranthene Benzo(a) fluoranthene Chrysene Dibenz/a, h] anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 1,4-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440439_W 1854029_VI 7439965_NF 77852492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111817 86748 621647	3,90E-03 2,03E-02 3,60E-05 4,00E-03 2,40E-03 6,58E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-04 5.00E-04 5.00E-04 5.00E-03	8E-02 7E-02 1E-03 SE-03 SE-03 SE-03 SE-04 4E-04 1E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]yrene Benzo(s]ilhuoranthene Benzo(s]ilhuoranthene Benzo(s]ilhuoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Hoorene Naphthalene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440439_W 1854029_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	3,90E-03 2.03E-02 3.60E-05 4,00E-05 2,40E-03 6.58E-03 3,00E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04	8E-02 7E-02 7E-02 1E-03 SE-03 SE-03 SE-03 SE-04	3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 1,4-Dichlorobenol (P-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylthexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440439_W 1854029_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 207089 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	3,90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 3.00E-03 3.00E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03	8E-02 7E-02	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 	31
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]privene Bibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]privene Naphthalene Prenen Hodeno[1,2,3-c,d]privene Naphthalene Prenen Hodeno[1,2,3-c,d]privene Naphthalene Prenen Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440439_W 1854029_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	3,90E-03 2.03E-02 3.60E-05 4.00E-05 2.40E-03 2.40E-03 0.50E-03 ND	9 78E-03 9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02	8E-02 7E-02 7E-02 7E-03 7E-03 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]huoranthene Benzo[a]huoranthene Benzo[b]Huoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pheranthrene Phyerne Aroclor-1260 14-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,1-Trichlorocthane 1,1-Trichlorocthane 1,1-Trichlorocthane 1,1-Trichlorocthane	7440439_W 1854029_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343	3,90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-04 4.00E-03 1.00E-04 5.00E-03	8E-02 7E-02 7E-02 1E-03 SE-03 SE-03 SE-03 SE-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]pathracene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a)pyrene Benzo(b)fluoranthene Chrysene Dibenzofuran Fluoranthene Floranthene Floranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitroduene 4,6-Dinitro-cresol bis(2-Chlorocthy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichloroctpane	7440439_W 1854029_VI 7439965_NF 77852492 7440224 91576 83329 56553 80328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111817 86748 621647 87865 71556 79005 73343 96184	3,90E-03 2,03E-02 3,60E-05 4,00E-05 2,40E-03 6,58E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	8E-02 7E-02 7E-02 7E-03 7E-03 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenzofuran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroppane 1,2-3-Trichloroppane 1,2-Dichloroethane 1,2-3-Trichloroppane 1,2-Dichloroethane	7440439_W 1854029_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343	3,90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01	8E-02 7E-02 7E-02 7E-02 7E-02 7E-02 7E-02 7E-02 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]pathracene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a)pyrene Benzo(b)fluoranthene Chrysene Dibenzofuran Fluoranthene Floranthene Floranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitroduene 4,6-Dinitro-cresol bis(2-Chlorocthy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichloroctpane	7440439_W 1854029_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	3,90E-03 2.03E-02 3.60E-05 4,00E-03 2,40E-03 6.58E-03 3,00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	8E-02 7E-02 7E-02 7E-03 8E-03 SE-03 SE-03 SE-03 SE-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene	7440439_W 1854029_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	3,90E-03 2.03E-02 3.60E-05 4.00E-05 2.40E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 4.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-03 1.00E-02 1.00E-03 1.00E-01 1.00E-01	8E-02 7E-02	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] jamthracene Benzo(a] Jyrene Benzo(a) Jindracene Benzo(a) Jindracene Benzo(a) Jindracene Benzo(a) Jindracene Dibenzofuran Eluoranthene Chrysene Indeno[1,2,3-c,d] pyrene Indeno[1,2,3-c,d] pyrene Indeno[1,2,3-c,d] pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 1,4-Dichlorobenzene 2,6-Dinitro-cresol 1,4-Dichlorobenzene 2,6-Dinitro-cresol 1,4-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Trichlorocthane 1,2,3-Trichloropopane 1,2-Dichlorocthane	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 8329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 671556 79005 75343 96184 107062 540590 67641 71432	3,90E-03 2,03E-02 3,60E-05 4,00E-05 2,40E-03 6,58E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01	8E-02 7E-02 7E-02 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.3	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pryrene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Pluorene Hodeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,1-Dichloroethane 1,1-Tirchloroethane 1,2-Tirchloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chloroethane (Ethyl chloride)	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	3,90E-03 2.03E-02 3.60E-05 4,00E-03 2.40E-03 2.40E-03 0.50E-03 ND	9,78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01	8E-02 7E-02 7E-02 7E-03 8E-03 8E-03 8E-03 8E-03 8E-03 8E-03 8E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 2.00E+00 2.40E-02 2.00E+00 1.40E-02 2.00E+00 9.10E-02 9.10E-02 9.10E-02 8.40E-02	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenzofiran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitrotolucne 4,6-Dinitrotolucne 4,6-Dinitrotolucne 4,6-Dinitrotolucne 1,1-Zirchloroethaphthalte Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride)	7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 10647 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 124481 75003 74873	3,90E-03 2.03E-02 3.60E-05 4.00E-05 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01	8E-02 7E-02	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 7.00E+00 1.20E-01 2.00E-02 7.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pathracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]plhuoranthene Benzo[a]planthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoliuene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphenol (p-Cresol) bis(2-Ethylphenol (p-Cresol) bis(2-Ethylphenol) bis(2-Ethylphenol) bis(2-Ethylphenol) bis(2-Ethylphenol) bis(2-Ethylphenol) bis(2-Eth	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	3-90E-03 2-03E-02	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-02 4.00E-03	8E-02 7E-02 7E-02 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 7.30E-01 5.70E-02 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]anthracene Benzo(a]anthracene Benzo(a)fluoranthene Benzo(a)fluoranthene Benzo(a)fluoranthene Benzo(a)fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Actonic Jefo Jeforito-o-cresol 4-Dinitro-o-cresol 4-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexyl)phthalate Carbazole n-Nitrosodipropylamine n-Nitrosodipropylamine 1,1-T-irchloroethane 1,1-T-irchloroethane 1,2-J-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Unchloromethene Dichloromethane	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3,90E-03 2.03E-02 3.60E-05 4.00E-05 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 0.0E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 2.00E-02	8E-02 7E-02 7E-02 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 7.00E+00 1.20E-01 5.70E-02 5.70E-02 8.40E-02 7.50E-03 1.30E-02	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]amthracene Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(a)pyrene Benzo(b)fluoranthene Dibenzofuran Fluoranthene Florene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 1-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Ethylehenzene	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116444 117817 86748 67186 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 75003 74873 156592 75092	3,90E-03 2,03E-02 3,60E-05 4,00E-03 2,40E-03 6,58E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-04	8E-02 7E-02 7E-02 7E-03 7E-04	3.49E-03	7.30E-01	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a]anthracene Benzo(a]anthracene Benzo(a]anthracene Benzo(a)fluoranthene Benzo(a)fluoranthene Benzo(a)fluoranthene Benzo(a)fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Actonic Jefo Jeforito-o-cresol 4-Dinitro-o-cresol 4-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Ji-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Unchloromethane	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3,90E-03 2.03E-02 3.60E-05 4.00E-05 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 0.0E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 2.00E-02	8E-02 7E-02 7E-02 7E-03 8E-03 8E-03 8E-03 8E-03 8E-03 8E-03 8E-03 8E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 7.00E+00 1.20E-01 5.70E-02 5.70E-02 8.40E-02 7.50E-03 1.30E-02	21
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[a]pryene Benzo[b]fluoranthene Benzo[a]h]anthracene Dibenzofuran Fluoranthene Piberzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltheyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane	7440439_W 1854029_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 75092 75092	3,90E-03 2.03E-02 3.60E-05 4,00E-03 2.40E-03 2.40E-03 0.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-02 5.00E-03 5.0	8E-02 7E-02 7E-02 7E-03 7E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.50E-02 2.00E+00 9.10E-02 2.50E-03 1.30E-02 7.50E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huoranthene Benzo[a]huoranthene Benzo[s]Huoranthene Dibenzoftiran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyerne Aroclor-1260 14-Dichlorobenzene 2,6-Dinitroto-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Eterschloroethene Tetrachloroethene Tolucne	7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106457 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 7432 124481 75003 75992 106414 127184	3,90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	9 78E-03	5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	8E-02 7E-02 7E-02	3.49E-03	7.30E-01 7.50E-02 7.50E-02 7.50E-02	21

10121	Chemical	CAS Number	Cgw (mg/L)	sumptions Nor HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 21	Antimony	7440360	-	9.78E-03	4.00E-04		3.49E-03		-
	Arsenic		1.76E-02	9.78E-03	3.00E-04	6E-01	3.49E-03	1.50E+00	9E-
	Barium	7440393	2.33E-01 5.30E-03	9.78E-03	7.00E-02	3E-02	3.49E-03		-
	Chromium	7440439_W	5.30E-03	9.78E-03	5.00E-04	1E-01	3.49E-03		-
	Chromium Manganese	18540299_VI 7439965_NF	3.21E-02	9.78E-03 9.78E-03	3.00E-03 2.00E-02	1E-01	3.49E-03 3.49E-03		-
	Mercury	7439965_NF 7439976		9.78E-03 9.78E-03	3.00E-02	3E-03	3.49E-03 3.49E-03		-
	Selenium	7782492	8.20E-03	9.78E-03	5.00E-03	2E-02	3.49E-03		_
	Silver	7440224	3.10E-03	9.78E-03	5.00E-03	6E-03	3.49E-03		-
	2-Methylnaphthalene	91576	4.49E-03	9.78E-03	2.00E-02	2E-03	3.49E-03		-
	Acenaphthene	83329	3.10E-03	9.78E-03	6.00E-02	5E-04	3.49E-03		-
	Benzo[a]anthracene	56553	2.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03	7.30E-01	5E
	Benzo[a]pyrene Benzo[b]fluoranthene	50328 205992	ND ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00 7.30E-01	
	Benzo[k]fluoranthene	207089	ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01 7.30E-02	
	Chrysene	218019	3.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03	7.30E-03	8E
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	ND	9.78E-03	4.00E-03		3.49E-03		
	Fluoranthene	206440	5.00E-04	9.78E-03	4.00E-02	1E-04	3.49E-03		
	Fluorene	86737	3.52E-03	9.78E-03	4.00E-02	9E-04	3.49E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Naphthalene Phenanthrene	91203 85018	ND 2.46E-03	9.78E-03 9.78E-03	2.00E-02 2.00E-02	1E-03	3.49E-03 3.49E-03		
	Pyrene	129000	4.00E-03	9.78E-03 9.78E-03	3.00E-02	1E-03	3.49E-03 3.49E-03		
	Aroclor-1260	11096825	4.00L-03	9.78E-03	2.00E-02		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	5.00E-03	9.78E-03	1.00E-04	5E-01	3.49E-03		-
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03		-
	bis(2-Chloroethyl)ether	111444	ND	9.78E-03			3.49E-03	1.10E+00	-
	bis(2-Ethylhexyl)phthalate	117817	6.86E-02	9.78E-03	2.00E-02	3E-02	3.49E-03	1.40E-02	3E
	Carbazole	86748	1.00E-03	9.78E-03			3.49E-03	2.00E-02	7E
	n-Nitrosodipropylamine	621647	ND 7.00E.04	9.78E-03	2.005.02	2E 04	3.49E-03	7.00E+00	25
	Pentachlorophenol (PCP)	87865 71556	7.00E-04 ND	9.78E-03	3.00E-02 2.80E-01	2E-04	3.49E-03	1.20E-01	3E
	1,1,1-Trichloroethane 1,1,2-Trichloroethane	71556 79005	ND ND	9.78E-03 9.78E-03	2.80E-01 4.00E-03		3.49E-03 3.49E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	9.78E-03	1.00E-03		3.49E-03	J. / 0E=02	
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-01		3.49E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	
	1,2-Dichloroethene	540590	1.16E-01	9.78E-03	9.00E-03	1E-01	3.49E-03		
	Acetone	67641	2.40E-03	9.78E-03	1.00E-01	2E-04	3.49E-03		
	Benzene	71432	4.24E-03	9.78E-03	3.00E-03	1E-02	3.49E-03	5.50E-02	8E
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	3.92E-03	9.78E-03	1.000.02	 1E 01	3.49E-03	1.30E-02	2E
	cis-1,2-Dichloroethene Dichloromethane	156592 75092	1.20E-01 ND	9.78E-03 9.78E-03	1.00E-02 6.00E-02	1E-01	3.49E-03 3.49E-03	7.50E-03	
	Ethylbenzene	100414	5.00E-04	9.78E-03	1.00E-01	5E-05	3.49E-03	7.3012-03	
	Tetrachloroethene	127184	ND	9.78E-03	1.00E-01		3.49E-03	5.20E-02	
	Toluene	108883	3.42E-03	9.78E-03	2.00E-01	2E-04	3.49E-03		
	Trichloroethene	79016	5.48E-03	9.78E-03	3.00E-04	2E-01	3.49E-03	1.10E-02	2E
	Vinyl Chloride	75014_A	5.09E-02	9.78E-03	3.00E-03	2E-01	3.49E-03	7.20E-01	1E
	Xylenes (Total)	1330207	1.00E-03	9.78E-03	2.00E+00 Total	5E-06 2E+00	3.49E-03	Total	
AOI 22A	Antimony	7440360		9.78E-03	Total 4.00E-04	2E+00	3.49E-03	Total	2E
AOI 22A					Total	2E+00		Total	2E
AOI 22A	Antimony Arsenic	7440360 7440382	 1.66E-02	9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04	2E+00 5E-01	3.49E-03 3.49E-03	Total	2E 9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI	1.66E-02 4.57E-01 5.12E-04 3.10E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E+00 5E-01 6E-02 1E-02 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2E 9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	5E-01 6E-02 1E-02 1E-02 5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2E 9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	5E-01 6E-02 1E-02 1E-02 5E-01 2E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439965 7782492 7440224	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02	2E+00 5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03 7E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439965 7782492 7440224	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 6.00E-02	2E+00 5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03 7E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440393 W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 2.00E-02	5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03 7E-03 8E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50528	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	2E+00 5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03 7E-03 8E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 5E-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-03 7E-03 8E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-0 7.30E-0 7.30E-0 7.30E-0	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND	9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03 9,78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 5E-01 6E-02 1E-02 5E-01 2E-02 1E-02 6E-03 7E-03 8E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND 9,40E-03	9.78E-03	Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	ZE+00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E-03	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND Self-03 2.26E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-04 4.00E-04	2E+00 5E-01 6E-02 1E-02 5E-01 2E-02 6E-03 7E-03 8E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluoranthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND ND ND Seed of the control of the con	9.78E-03	Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-04	ZE+00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzfuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-02	2E-00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene Fluoranthene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND ND ND Seed of the control of the con	9.78E-03	Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-04	ZE-00	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND Selection of the control of the cont	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02	2E-00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenz[a, k]anthr	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02	ZE-00	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND SCE-03 6.84E-03 ND 2.42E-03 1.07E-02 3.46E-03 ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 2.00E-02 6.00E-02 2.00E-02	ZE-00	3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02	9E
22A OI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dib	7440360 7440382 7440383 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 264022 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02	ZE-00	3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	9E
XXXI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]illuoranthene Benzo[b]illuoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND S2.26E-03 6.84E-03 ND ND 2.42E-03 3.46E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-03	ZE-00	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftena Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND S.26E-03 6.84E-03 ND 1.07E-02 3.46E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02	ZE-00	3.49E-03 3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]illuoranthene Benzo[b]illuoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND S2.26E-03 6.84E-03 ND ND 2.42E-03 3.46E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-03	ZE-00	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenz[a, k]anthr	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.66E-02 4.57E-01 5.17E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND ND ND ND ND ND ND ND ND ND ND S.26E-03 ND S.26E-03 ND S.26E-03 ND S.26E-03 ND S.26E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-03 3.00E-04 5.00E-03	ZE-00	3.49E-03 3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]pathracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenza[a,h]anthracene Dibenza[a,h]anthracene Dibenza[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkerylphthalate	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 106445 111444	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND S2.26E-03 6.84E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03	ZE-00	3,49E-03 3,49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluorante Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 5,6-Dinitrotoluene 4,6-Dinitrotoluene 5,6-Dinitrotoluene 6,6-Dinitrotoluene 6,6-Dinitrot	7440360 7440382 7440383 7440339 W 18540299 VI 7439965 NF 7439976 7339976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	ZE-00 5E-01 6E-02 1E-02 1E-02 5E-01 2E-03 7E-03 8E-04 2E-02 6E-04 2E-03	3,49E-03 3,49E-03	Total 1.50E+00	2E
XOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]a	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 11878		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	ZE-00	3.49E-03 3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elhylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND SO 2.26E-03 6.84E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-02 2.00E-03	ZE-00	3,49E-03 3,49E-03	Total	9E
XXXI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[a]apyrene Benzo[b]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 1,1-Tirchloroethane 1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane	7440360 7440382 7440383 7440393 W 18540299_V1 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206445 111444 117817 86748 621647 87865 71556 79005	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 3.20E-03 1.48E-02 4.93E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]a	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184	1.66E-02 4.57E-01 5.12E-04 3.10E-03 3.20E-03 3.20E-03 1.48E-02 4.93E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03	ZE-00	3.49E-03 3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkerylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroppane 1,2-Dichloroethane	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]a	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]mtracene Dibenz[a,h]anthracene Dibenz[a,h]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bist]2-Chloroderthylether bist]2-Ehloroberthylether bist]2-Ehloroberthylether bist]2-Ehloroberthylether bist]2-Ehloroberthane 1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloropopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 779005 75343 96184 107062 540590 67641	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND ND ND ND ND ND ND ND 9.40E-03 2.26E-03 6.84E-03 ND ND ND ND ND 2.42E-03 3.46E-03 ND ND ND ND ND ND ND ND ND ND ND ND 2.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 3.00E-02 2.00E-02	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]lnoranthene Chrysene Dibenz[a,b]anthracene Arcolor-1260 1,4-Dichlorobene 4,6-Dinitro-o-cresol Dist(2-Chloroethyl)ether Dist(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 73329 7440224 740224 740224 740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206445 1106455 1106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Pluoranthene Pluoranthene Pluoranthene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorocethylether bis(2-Ethylhexyl)phthalate Carbazole Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane 1,2-Trichlorocethane 1,2-Dichlorocethene Acetone Benzene Chlorodibromomethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 1196825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-04 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	ZE-00	3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]ant	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 116444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-01	ZE-00	3.49E-03	Total	2E 9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,b]anthracene L,b-Dintitro-o-cresol bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene L,2-Dichloroethene L,2-Dichloroethene Chloroethene Chloroethane Chloromethane Chloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03	ZE-00	3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]illuoranthene Benzo[b]illuoranthene Benzo[b]illuoranthene Dibenz[a,h]anthracene Dibenz[a,h]an	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83339 56553 50328 205992 207089 218019 23049 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND 04.02-03 2.26E-03 6.84E-03 ND 0.00E-03 3.40E-03 ND ND 0.00E-03 ND 0.0	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-03	2E-00	3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,b]anthracene L,b-Dintitro-o-cresol bis[2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene L,2-Dichloroethene L,2-Dichloroethene Chloroethene Chloroethane Chloromethane Chloroethane	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83339 56553 50328 205992 207089 218019 23049 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03	ZE-00	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[sliptoranthene Chrysene Dibenz[a,h]anthracene Aroclor-1260 1,4-Dichlorochene (a,6-Dinitro-o-cresol) Dist(2-Chlorocthyl)ether Dist(2-Eihylhecyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorocthane 1,1,2-Trichlorocthane 1,2-Dichlorocthane	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 733979 744022 7440224 740224 740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11432 124481 75003 75392		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 5.00E-03 1.00E-01 6.00E-03 2.00E-02 9.00E-03 1.00E-01 6.00E-03 2.00E-02 4.00E-01	ZE-00 SE-01 6E-02 1E-02 1E-02 5E-01 2E-02 1E-02 6E-03 8E-04	3.49E-03	Total	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]a	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 267440224 91576 83329 2075992 207089 218019 53703 132649 206440 1196825 106467 660202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 75003 74873 156592 75092	1.66E-02 4.57E-01 5.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02	ZE-00	3.49E-03	Total 1.50E+00	9E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]illuoranthene Benzo[b]illuoranthene Benzo[b]illuoranthene Dibenz[a,h]anthracene Dibenz[a,h]an	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556	1.66E-02 4.57E-01 5.12E-04 3.10E-03 1.02E+00 6.40E-04 5.90E-03 3.20E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01	2E-00	3.49E-03	Total	2E
AOI 22A	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-o-cresol 1-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Dichloroethane 1,2-Dichloroethene Loroethane (Ethyl chloride) Chloromethane Li-Dichloroethane Li-Dichloroethane Li-Dichloroethene Chloroethane Li-Dichloroethane	7440360 7440382 744039] W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 1196825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414		9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-01 4.00E-03 3.00E-02 2.00E-01 6.00E-02 4.00E-01	ZE-00	3.49E-03	Total	9E

	Chemical	CAS Number	Cgw (mg/L)	-	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Risl
AOI 22B	Antimony	7440360	-	9.78E-03	4.00E-04		3.49E-03		
	Arsenic		7.81E-03	9.78E-03	3.00E-04	3E-01	3.49E-03	1.50E+00	4E-
	Barium	7440393	4.07E-01	9.78E-03	7.00E-02	6E-02	3.49E-03		
	Cadmium	7440439_W	6.70E-04	9.78E-03	5.00E-04	1E-02	3.49E-03		-
	Chromium Manganese	18540299_VI 7439965_NF	2.30E-02	9.78E-03 9.78E-03	3.00E-03 2.00E-02	8E-02	3.49E-03 3.49E-03		-
	Mercury	7439903_INF 7439976	ND	9.78E-03 9.78E-03	3.00E-02		3.49E-03 3.49E-03		-
	Selenium	7782492	3.38E-02	9.78E-03	5.00E-03	7E-02	3.49E-03		
	Silver	7440224	2.40E-03	9.78E-03	5.00E-03	5E-03	3.49E-03		-
	2-Methylnaphthalene	91576	ND	9.78E-03	2.00E-02		3.49E-03		-
	Acenaphthene	83329	2.30E-03	9.78E-03	6.00E-02	4E-04	3.49E-03		-
	Benzo[a]anthracene	56553	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	-
	Benzo[a]pyrene	50328	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	-
	Benzo[b]fluoranthene Benzo[k]fluoranthene	205992 207089	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01	-
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02 7.30E-03	-
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	ND	9.78E-03	4.00E-03		3.49E-03		-
	Fluoranthene		2.00E-04	9.78E-03	4.00E-02	5E-05	3.49E-03		-
	Fluorene	86737	1.00E-03	9.78E-03	4.00E-02	2E-04	3.49E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Naphthalene	91203	ND	9.78E-03	2.00E-02		3.49E-03		
	Phenanthrene	85018	3.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03		-
	Pyrene	129000	3.00E-04	9.78E-03	3.00E-02	1E-04	3.49E-03		-
	Aroclor-1260	11096825	ND	9.78E-03	2.00E-05		3.49E-03	2.00E+00	45
	1,4-Dichlorobenzene	106467	4.40E-03	9.78E-03	3.00E-02	1E-03	3.49E-03	2.40E-02	4E
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	-
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521 106445	ND 4.00E-04	9.78E-03 9.78E-03	1.00E-04 5.00E-03	 8E-04	3.49E-03 3.49E-03		-
	bis(2-Chloroethyl)ether	111444	ND	9.78E-03	J.00E=03	on-04	3.49E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	111444	2.00E-03	9.78E-03 9.78E-03	2.00E-02	1E-03	3.49E-03 3.49E-03	1.10E+00 1.40E-02	1E-
	Carbazole	86748	2.00E-03 ND	9.78E-03 9.78E-03	2.00E-02		3.49E-03 3.49E-03	2.00E-02	112-
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	-
	Pentachlorophenol (PCP)	87865	2.00E-03	9.78E-03	3.00E-02	7E-04	3.49E-03	1.20E-01	8E-
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03		-
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	-
	1,1-Dichloroethane	75343	ND	9.78E-03	1.00E-01		3.49E-03		-
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	-
	1,2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	-
	1,2-Dichloroethene	540590	1.17E-01	9.78E-03	9.00E-03	1E-01	3.49E-03		
	Acetone	67641	1.17E-02	9.78E-03	1.00E-01	1E-03	3.49E-03		
	Benzene	71432	7.00E-04	9.78E-03	3.00E-03	2E-03	3.49E-03	5.50E-02	1E
	Chlorodibromomethane Chloroethane (Ethyl chloride)	124481 75003	ND ND	9.78E-03 9.78E-03	2.00E-02 4.00E-01		3.49E-03 3.49E-03	8.40E-02 2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03 9.78E-03	4.00E-01		3.49E-03 3.49E-03		
	cis-1,2-Dichloroethene	156592	3.00E-02	9.78E-03	1.00E-02	3E-02	3.49E-03	1.30E-02	
	Dichloromethane	75092	2.30E-03	9.78E-03	6.00E-02	4E-04	3.49E-03	7.50E-03	6E
	Ethylbenzene	100414	ND	9.78E-03	1.00E-01		3.49E-03	7.502 05	-
	Tetrachloroethene	127184	ND	9.78E-03	1.00E-02		3.49E-03	5.20E-02	-
	Toluene	108883	ND	9.78E-03	2.00E-01		3.49E-03		
	Trichloroethene	79016	3.24E-03	9.78E-03	3.00E-04	1E-01	3.49E-03	1.10E-02	1E
	Vinyl Chloride	75014_A	3.42E-01	9.78E-03	3.00E-03	1E+00	3.49E-03	7.20E-01	9E
	Xylenes (Total)	1220207					3.49E-03		
	Ayrenes (Total)	1330207	1.40E-03	9.78E-03	2.00E+00 Total	7E-06 2E+00	3.49L=03	Total	
AOI 26	Antimony	7440360		9.78E-03	Total 4.00E-04	2E+00	3.49E-03	Total	9E
AOI 26	Antimony Arsenic	7440360 7440382	 1.21E-02	9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04	2E+00 4E-01	3.49E-03 3.49E-03	Total	9E
AOI 26	Antimony Arsenic Barium	7440360 7440382 7440393	1.21E-02 2.68E-01	9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02	2E+00 4E-01 4E-02	3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	1.21E-02 2.68E-01 4.10E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E+00 4E-01 4E-02 8E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI	1.21E-02 2.68E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E+00 4E-01 4E-02 8E-02 9E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.21E-02 2.68E-01 4.10E-03 2.70E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E+00 4E-01 4E-02 8E-02 9E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	1.21E-02 2.68E-01 4.10E-03 2.70E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E+00 4E-01 4E-02 8E-02 9E-03 6E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E+00 4E-01 4E-02 8E-02 9E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224	1.21E-02 2.68E-01 4.10E-03 2.70E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224	1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 2.40E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antfracene	7440360 7440382 7440393 7440439 W 18540299_V1 7439965_NF 7439966 7782492 7440224 91576 83329 56553	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 2.00E-02	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50528	1.21E-02 2.68E-01 4.10E-03 2.70E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 5E-03 5E-03 5E-03 5E-03 5E-03 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Houranthene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 833329 56553 50328 205992	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 5E-04 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-01	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 1E-03 2E-03 5E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 5E-04 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-0 7.30E-0 7.30E-0 7.30E-0	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]ipvrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440389 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 4E-01 4E-02 8E-02 9E-03 6E-03 5E-03 5E-03 1E-03 5E-04 1E-03 3E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Silver Benzo[a]pintacene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649	1.21E-02 2.68E-01 4.10E-03 2.70E-03 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	2E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E-03	9E 6E 1 1E 3E 6E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Acenaphthene Benzo(a]pyrene Benzo(b]pluoranthene Benzo(b]fluoranthene Benzo(b]fluoranthene Dibenz(a,h]anthracene Dibenz(a,h]anthracene Dibenz(a,h]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-04 4.00E-04	2E+00 4E-01 4E-02 9E-03 6E-02 5E-03 5E-03 5E-03 5E-03 3E-03 1E-02 1E-03 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	9E 6E 1 1E 3E 6E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhtracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenzofuran Fluoranthene Fluoranthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.21E-02 2.68E-01 4.10E-03 2.70E-03 	9.78E-03	Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-04	2E+00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03 4.00E-03 4.00E-04 4.00E-03	ZE+00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 5E-04 1E-03 1E-02 1E-02 1E-03 7E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00	9E 6E 1E 3E 6E 24E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhtracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]anthracene Dibenzofuran Fluoranthene Fluoranthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.21E-02 2.68E-01 4.10E-03 2.70E-03 	9.78E-03	Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-04	2E+00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01	9E 6E 1E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apvrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluorene Indene[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 7440383 7440389 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 4.51E-03 9.15E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02	2E-00	3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01	9E 6E 1E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, k]lanthracene Dibenz[a, k]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 23649 206440 86737 193395 91203 85018 129000 11096825	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 1.50E-03 1.37E-02 8.11E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03	ZE-00 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 1E-03 2E-03 3E-03	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	9E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 ND 1.50E-03 1.50E-03 7.69E-03 1.50E-03 7.69E-03 1.37E-02 8.11E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 2.00E-02 6.00E-02 2.00E-02	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02	9E 6E 1E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotlotlene	7440360 7440382 7440383 7440389 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 264022 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018 129000 11096825 106467 606202	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 1.50E-03 1.50E-03 1.37E-02 8.11E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02	2E-00 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 1E-03 2E-03 7E-04 1E-03 2E-03 7E-04 4E-03 3E-03 7E-04 4E-03	3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	9E 6E 11E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,b]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 1.50E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 7.69E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 1E-02 1E-03 2E-03 7E-04 4E-03 3E-03	3,49E-03 3,49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	9E.
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]parthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Chrysene Dibenza[ran] Dibenza[ran] Fluoranthene Fluorene Huorene Huorene Aphthalene Phyene Aphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol)	7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 8.11E-03 9.15E-03 1.50E-03 8.11E-03 9.15E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02	ZE-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 5E-03 1E-03 2E-03 3E-03 1E-02 1E-03 2E-03 3E-03 1E-02 1E-03 2E-03 3E-03 1E-02 1E-03 3E-03 3E-03	3.49E-03 3.49E-03	Total	9E 6E 6E 1E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]hibroranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Diben	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 7.69E-03 ND ND 1.50E-03 1.50E-03 1.50E-03 1.50E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 02 5E-03 5E-03 1E-03 2E-03 3E-03 1E-02 1E-02 1E-03 2E-03 7E-04 4E-03 3E-03	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	9E 6E 6E 1 1E 3E 6E 4E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 9.15E-03 1.50E-03 1.50E-03 7.69E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-04	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 3E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-03 3E-03 5E-02	3,49E-03 3,49E-03	Total	9E 6E 6E 1E 3E 6E 6E 6E 6E 5E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]huoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elhylhexyl)phthalate Carbazole	7440360 7440382 7440383 7440339 W 18540299 VI 7439965 NF 7439976 732992 7440224 91576 83329 264022 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 1E-03 2E-03 5E-04 1E-03 2E-03 7E-04 4E-03 7E-03 3E-03 7E-03 3E-03 7E-03 3E-03 7E-03 3E-03	3,49E-03 3,49E-03	Total 1.50E+00	9E 6E 6E 1E 3E 6E 6E 5E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]anthracene Dibenz[a,b]anthr	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 1199080 11996825 106467 606202 534521 106445 111817 86748	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 1.50E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 7.69E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-05 3.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-03 5.00E-04	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 3E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-03 3E-03 5E-02	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01 1.00E+00 1.40E-02 2.00E+00 1.40E-02	9E 6E 6E 11E 3E 6E 4E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]phracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzanthene Dibenzanthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Eth)thesylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	121E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-04 1E-03 1E-02 1E-03 2E-03 7E-04 4E-03 3E-03 5E-02	3,49E-03 3,49E-03	Total 1.50E+00	9E 6E 1E 3E 6E 2E 5E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenathrene Acoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroctatane	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 87865 111844 117817 87865 71556	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 1.50E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 7.69E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	ZE-00 4E-01 4E-02 8E-02 8E-03 6E-02 5E-03 5E-03 1E-03 2E-03 5E-04 1E-03 3E-03 3E-03 3E-03 5E-02	3.49E-03 3.49E-03	Total	9E 6E 1E 3E 6E 4E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]phracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzanthene Dibenzanthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Eth)thesylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 7.69E-03 ND ND ND 0.20E-03 ND 0.20E-03 ND 0.20E-03 ND 0.20E-03 ND 0.20E-03 ND 0.20E-03 ND ND 0.20E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 5E-03 1E-03 2E-03 1E-02 1E-02 1E-03 7E-04 4E-03 3E-03	3,49E-03 3,49E-03	Total	9E 6E 1E 3E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]mtracene Benzo[a]mtracene Benzo[a]mtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elhylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 8.04E-03 4.61E-03 3.01E-03 ND 6.28E-03 ND 5.35E-03 1.50E-03 1.50E-03 1.50E-03 ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-02 2.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 3E-03 3E-03 3E-03 3E-03	3,49E-03 3,49E-03	Total	9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]huoranthene Chrysene Dibenz[a,b]hanthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Eihylhexyl)pithalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane	7440360 7440382 7440383 7440339 W 18540299_V1 7439965_NF 7439976 733297 744022 7440224 740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206445 111444 117817 86748 621647 87865 71556 79005 75343	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-00 4E-01 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 5E-03 5E-04 1E-03 1E-02 1E-03 2E-03 7E-04 4E-03 3E-03	3,49E-03 3,49E-03	Total	9E 6E 1E 3E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]intracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 1196825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 1.50E-03 ND 5.35E-03 1.50E-03 1.50E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 5E-03 1E-03 2E-03 3E-03 1E-02 1E-03 3E-03 1E-02 1E-03 3E-03 1E-02 1E-02	3.49E-03 3.49E-03	Total	9E 6E 6E 1E 3E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenza[a,h]anthracene Dibenza[h,h]anthracene Dibenza[h,anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane	7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 ND 1.50E-03 1.50E-03 1.50E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 1E-03 2E-03 7E-04 1E-03 3E-03 3E-03	3,49E-03 3,49E-03	Total	9E 6E 6E 1E 3E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elibylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroptenee 1,2-3-Dichloroethene 1,2-3-Dichloroethene 1,2-3-Dichloroethene 1,2-3-Dichloroethene 1,2-3-Dichloroethene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 01696325 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 7.69E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	2E-00 4E-01 4E-02 8E-02 9E-03 02 5E-03 5E-03 5E-03 1E-03 2E-03 3E-03 1E-02 1E-02 1E-03 3E-03 1E-02 1E-03 7E-04 4E-03 3E-03	3.49E-03 3.49E-03	Total	9E 6E 6E 1E 3E 6E 4E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene La-Dichloro-cresol 4-Methylphenol (p-Cresol) bist]2-Chloro-cresol 1,1-1-Trichloro-cthane 1,1-1-Dichloro-cthane 1,2-Trichloro-cresone 1,2-Dichloro-cthane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 71506 79005 75343 96184 107062 540590 67641	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 1.37E-02 8.11E-03 9.00E-02 8.11E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 3.00E-02 2.00E-02	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 5E-03 1E-03 2E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-03	3,49E-03 3,49E-03	Total	9E 6E 1E 3E 6E 4E 5E 2E 2E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]amthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]alnthracene L;2-Dichloroethane	7440360 7440382 7440393 W 18540239_W 18540239_V 17439965_NF 7439976 73329 7440224 740224 740224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206445 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 10438	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 5.35E-03 4.51E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01	2E-00 4E-01 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 5E-03 5E-04 1E-03 1E-02 1E-03 2E-03 7E-04 4E-03 3E-03	3,49E-03	Total	9E 6E 6E 11E 3E 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhtracene Benzo[a]amhtracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene 1,4-D-inthoroethane 1,1-1-Trichloroethane 1,1-2-Trichloroethane 1,2-3-Trichloroethane 1,2-D-ichloroethene Locothoroethane	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 3.10E-03 1.10E-03 1.10E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 1E-02 1E-03 7E-04 4E-03 7E-04 4E-03 7E-04 4E-03 7E-04 4E-03 7E-04 4E-03 7E-04 4E-03	3.49E-03	Total 1.50E+00	9E 6E 6E 1E 3E 3E 6E 6E 6E 2E 2E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotolyleher bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloropthane (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene L2-Dichloroethene L3-Dichloroethene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.21E-02 2.68E-01 4.10E-03 2.70E-03 1-90E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 8.04E-03 8.04E-03 8.05 8.05 8.05 8.05 8.05 8.05 8.05 8.05	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-01	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-04 1E-03 2E-03 3E-04 1E-02 1E-03 3E-03	3,49E-03	Total	9E.
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lnoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluorantene Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)pithalate Carbazole n-Nitrosodipropylamine Pentachloropthane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	7440360 7440382 7440383 7440439_W 18540239_W1 74339965_NF 7439976 733297 7440224 740224 740224 740224 740224 740224 740224 740224 740224 718029 75030 132649 206440 206440 206440 206440 206407 133395 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 5.35E-03 4.51E-03 1.50E-03	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 5.00E-03 1.00E-01 6.00E-03 2.00E-02 9.00E-03 1.00E-01 6.00E-03 2.00E-02 4.00E-01	2E-00 4E-01 4E-01 4E-02 8E-02 9E-03 5E-03 5E-03 5E-03 5E-03 5E-03 1E-03 2E-03 7E-04 4E-03 7E-04 4E-03 3E-03 7E-04 4E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-03 7E-04 4E-03 3E-04 4E-03 3E-03 7E-04 4E-03 3E-04	3,49E-03	Total	9E.
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]intracene Benzo[a]intracene Benzo[a]intracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, b]anthracene Dib	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 1196825 106467 660202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71433 156592 75092	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 7.69E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-04 1E-03 2E-03 3E-04 1E-03 2E-03 3E-04 1E-02 1E-03 3E-03 1E-02 1E-03 3E-04 4E-03 3E-04 4E-03	3.49E-03	Total 1.50E+00	9E. 6EE- 6EE- 6EE- 6EE- 6EE- 6EE- 6EE- 6E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Pluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,2-Tichloroethane 1,2-Tichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 150902 100414	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 8.04E-03 4.61E-03 8.04E-03 4.51E-03 ND 6.28E-03 ND 6.28E-03 ND 6.28E-03 ND 6.28E-03 ND 0.15E-03 1.50E-03 1.50E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 1E-03 2E-03 3E-03 3E-03 3E-03 7E-04 4E-03 3E-03	3,49E-03	Total 1.50E+00	9E.
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhtracene Benzo[a]mhtracene Benzo[a]myrene Benzo[a]mhtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene L,3-Dichlorotehpene L,6-Dinitro-o-cresol L-Buitro-o-cresol	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 117817 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 3.10E-03 3.10E-03 3.10E-03 3.15-03 4.51E-03 1.50E-03 7.69E-03 1.50E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-01 4.00E-03 3.00E-02 2.00E-01 6.00E-02 4.00E-01	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 3E-03 1E-03 2E-03 3E-03 1E-02 1E-03 3E-03 1E-02 1E-03 3E-03 7E-04 4E-03	3.49E-03	Total	9E-
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 71566 72000 74141 7432 74150 741	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 2.40E-03 3.0E-03 3.0E-03 1.10E-03 3.10E-03 1.10E-03 3.150E-03 1.50E-03 1.50E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-04 5.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-01 3.00E-01 3.00E-01	ZE-400	3.49E-03	Total	9E-
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhtracene Benzo[a]mhtracene Benzo[a]myrene Benzo[a]mhtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene L,3-Dichlorotehpene L,6-Dinitro-o-cresol L-Buitro-o-cresol	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 011096825 106467 606202 534521 106445 117817 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 1.50E-03 1.50E-03 ND	9.78E-03	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-02 2.00E-02 2.00E-01 4.00E-03 3.00E-02 2.00E-01 6.00E-02 4.00E-01	2E-00 4E-01 4E-02 8E-02 9E-03 6E-02 5E-03 5E-03 3E-03 1E-03 2E-03 3E-03 1E-02 1E-03 3E-03 1E-02 1E-03 3E-03 7E-04 4E-03	3.49E-03	Total	9E-

APPENDIX E.2 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM GROUNDWATER Resed on PMF Assumptions

AOI 27	Chemical	CAS Number	Cgw (mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ri
	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
	Arsenic	7440382		9.78E-03	3.00E-04	2E-01	3.49E-03	1.50E+00	3E
	Barium	7440393	3.22E-01	9.78E-03	7.00E-02	5E-02	3.49E-03		
	Cadmium	7440439_W 18540299 VI	3.27E-03 9.00E-02	9.78E-03 9.78E-03	5.00E-04	6E-02 3E-01	3.49E-03 3.49E-03		
	Chromium Manganese	7439965 NF	9.00E-02	9.78E-03 9.78E-03	3.00E-03 2.00E-02	3E-01	3.49E-03 3.49E-03		
	Mercury	7439976	ND	9.78E-03	3.00E-02		3.49E-03		
	Selenium	7782492	1.79E-02	9.78E-03	5.00E-03	3E-02	3.49E-03		
	Silver	7440224	6.90E-03	9.78E-03	5.00E-03	1E-02	3.49E-03		
	2-Methylnaphthalene	91576	ND	9.78E-03	2.00E-02		3.49E-03		
	Acenaphthene	83329	ND	9.78E-03	6.00E-02		3.49E-03		
	Benzo[a]anthracene	56553	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E+00 7.30E-01	
	Benzo[b]fluoranthene Benzo[k]fluoranthene	205992 207089	ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01 7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	ND	9.78E-03	4.00E-03		3.49E-03		
	Fluoranthene	206440	ND	9.78E-03	4.00E-02		3.49E-03		
	Fluorene	86737	3.00E-04	9.78E-03	4.00E-02	7E-05	3.49E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Naphthalene Phenanthrene	91203 85018	2.00E-04 ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02	1E-04	3.49E-03 3.49E-03		
	Pyrene	129000	ND	9.78E-03	3.00E-02		3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03		
	bis(2-Chloroethyl)ether	111444	1.00E-03	9.78E-03	 0.00E.00	 4E-02	3.49E-03	1.10E+00	4E
	bis(2-Ethylhexyl)phthalate Carbazole	117817 86748	9.00E-03 ND	9.78E-03 9.78E-03	2.00E-02	4E-03	3.49E-03 3.49E-03	1.40E-02 2.00E-02	4E
	n-Nitrosodipropylamine	621647	ND ND	9.78E-03 9.78E-03			3.49E-03 3.49E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	3.00E-03	9.78E-03	3.00E-02	1E-03	3.49E-03	1.20E-01	1E
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03		11
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	9.78E-03	1.00E-01		3.49E-03		
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND 2.86E-03	9.78E-03	3.00E-02 9.00E-03	3E-03	3.49E-03 3.49E-03	9.10E-02	
	1,2-Dichloroethene Acetone	67641	1.10E-02	9.78E-03 9.78E-03	9.00E-03 1.00E-01	1E-03	3.49E-03 3.49E-03		
	Benzene	71432	8.00E-04	9.78E-03	3.00E-03	3E-03	3.49E-03	5.50E-02	2E
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03			3.49E-03	1.30E-02	
	cis-1,2-Dichloroethene	156592	3.00E-03	9.78E-03	1.00E-02	3E-03	3.49E-03		
	Dichloromethane	75092	1.50E-03	9.78E-03	6.00E-02	2E-04	3.49E-03	7.50E-03	4E
	Ethylbenzene	100414	ND	9.78E-03	1.00E-01		3.49E-03	 5 20E 02	
	Tetrachloroethene Toluene	127184 108883	ND ND	9.78E-03 9.78E-03	1.00E-02 2.00E-01		3.49E-03 3.49E-03	5.20E-02	
	Trichloroethene		3.10E-03	9.78E-03	3.00E-04	1E-01	3.49E-03	1.10E-02	1E
	Vinyl Chloride	75014 A	ND	9.78E-03	3.00E-03		3.49E-03	7.20E-01	
	Xylenes (Total)	1330207	ND	9.78E-03	2.00E+00		3.49E-03		
AOI 30	Antimony Arsenic Barium	7440360 7440382 7440393	1.91E-02 7.65E-01	9.78E-03 9.78E-03 9.78E-03	4.00E-04 3.00E-04 7.00E-02	 6E-01 1E-01	3.49E-03 3.49E-03 3.49E-03	1.50E+00	1E
	Cadmium	7440439 W	3.07E-03	9.78E-03	5.00E-04	6E-02	3.49E-03		
	Chromium	18540299_VI	4.23E-02	9.78E-03	3.00E-03	1E-01	3.49E-03		
	Manganese	7439965_NF		9.78E-03	2.00E-02		3.49E-03		
	Mercury		4.80E-05	9.78E-03	3.00E-04	2E-03	3.49E-03		
	Selenium Silver	7782492 7440224	1.36E-02 3.20E-03	9.78E-03 9.78E-03	5.00E-03	3E-02 6E-03	3.49E-03		
	2-Methylnaphthalene	91576	6.07E-01	9.78E-03 9.78E-03	5.00E-03 2.00E-02	3E-01	3.49E-03 3.49E-03		
	Acenaphthene	83329	9.24E-02	9.78E-03	6.00E-02	2E-02	3.49E-03		
	Benzo[a]anthracene	56553	2.03E-02	9.78E-03	2.00E-02	1E-02	3.49E-03	7.30E-01	5E
	Benzo[a]pyrene	50328	2.80E-02	9.78E-03	2.00E-02	1E-02	3.49E-03	7.30E+00	7F
	Benzo[b]fluoranthene	205992	2.84E-02	9.78E-03	2.00E-02	1E-02	3.49E-03	7.30E-01	7E
	Benzo[k]fluoranthene	207089	2.69E-02	9.78E-03	2.00E-02	1E-02	3.49E-03	7.30E-02	7E
	Chrysene		2.11E-02	9.78E-03	2.00E-02	1E-02	3.49E-03	7.30E-03	
		218019		0.700.03					
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02	 1E-01	3.49E-03	7.30E+00	
	Dibenz[a,h]anthracene Dibenzofuran	53703 132649	ND 4.10E-02	9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03	1E-01	3.49E-03		
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02			7.30E+00	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	53703 132649 206440	ND 4.10E-02 3.77E-02	9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02	1E-01 9E-03	3.49E-03 3.49E-03	7.30E+00 	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene	53703 132649 206440 86737 193395 91203	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02	1E-01 9E-03 3E-02 3E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	53703 132649 206440 86737 193395 91203 85018	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-01 9E-03 3E-02 3E-02 9E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene	53703 132649 206440 86737 193395 91203 85018 129000	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	53703 132649 206440 86737 193395 91203 85018 129000 11096825	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00	
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02	3E
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	53703 132649 206440 86737 193395 91203 85018 129000 11096825	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00	3E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	31
	Dibenzofa.nljanthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	53703 132649 206440 86737 193395 91203 85018 129000 11996825 1064467 606202 534521 106445 111444	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 5.00E-04	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02 1E-03 4E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	3E
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrooluene 4,6-Dinitroo-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND 1.27E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02 1E-03 4E-03 6E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02	3E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrodulene 4,6-Dinitrodulene 4,6-Dinitrodulene 4,6-Dichlorobenzene 5,6-Dinitrodulene 6,6-Dinitrodulene 6,6-Dinitrodulen	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 111444 117817 86748	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03	1E-01 9E-03 3E-02 3E-02 9E-02 1E-02 4E-03 6E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02	3E
	Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elhoroethyl)ether bis(2-Elhylhexyl)phthalate Carbazole n-Nitrosodipropylamine	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 6E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00	3E 6E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 110444 117817 86748 621647 87865	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-02 	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 6E-02 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 7.00E+00 1.20E-01	3E 6E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-03 	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 6E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00	3F 6F 2F 2F
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 110444 117817 86748 621647 87865	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-02 	1E-01 9E-03 3E-02 3E-02 1E-02 1E-03 4E-03 6E-02 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 7.00E+00 1.20E-01	3E 6E 2E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazzle n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 1196825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-03 	1E-01 9E-03 3E-02 9E-02 1E-02 1E-03 6E-02 2E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00	3F 6E 2F 2F
	Dibenza a hjambracene Dibenzofuran Fluoranthene Fluorene Indeno [1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylkexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocethane 1,1-2-Trichlorocethane 1,1-2-Trichlorocethane 1,1-2-Trichlorocethane 1,2-3-Trichloropropane 1,2-Dichlorocethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 1106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	ND 4.10E-02 4.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03 ND ND 9.00E-03 ND ND	9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-02 1.00E-04 5.00E-03 	1E-01 9E-03 3E-02 9E-02 1E-02 1E-03 4E-03 2E-03 2E-03 1E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	3E 6E 2E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,4-Dichlorobenzene 2,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,7-Tirothorothyl)ether bis(2-Eithylhexyl)phthalate Carbazzole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND ND ND 1.90E-03 ND 1.27E-01 ND ND 5.00E-03 ND ND ND 0.00E-03 ND ND ND 0.00E-03 ND ND 0.00E-03 ND ND 0.32E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 5.00E-02 	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 2E-03 1E-02 7E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+02 2.00E-02 7.00E+00 1.20E-01 2.00E-02	3E 6E 2E 2E
	Dibenza a hjambracene Dibenzofuran Fluoranthene Fluorene Indeno [1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Tichloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116445 1114817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	ND 4.10E-02 2 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 5.00E-03 ND ND 5.00E-03 ND ND 5.00E-03 ND ND 5.00E-03 ND ND 6.32E-02 1.65E-02	9,78E-03	2 00E-02 4 00E-03 4 00E-03 4 00E-03 4 00E-02 2 00E-02 2 00E-02 2 00E-02 3 00E-02 1 00E-03 1 00E-04 5 00E-03 1 00E-04 2 2 00E-02 2 2 80E-01 4 00E-03 3 00E-02 9 00E-02 9 00E-02	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 6E-02 2E-03 1E-02 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 9.10E-02	6E 2E 6E
	Dibenza a hjamthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitroto-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 79005 75343 96184 1070622 540590 67641 71432	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 3.00E-03 ND ND 1.90E-03 ND ND 1.27E-01 3.00E-03 ND ND ND ND ND 0.00E-03 ND	9.78E-03	2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 5.00E-03 3.00E-02 2.80E-01 4.00E-03 1.00E-04 6.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 9.00E-03 1.00E-01	1E-01 9E-03 3E-02 3E-02 9E-02 1E-03 4E-03 2E-03 2E-03 1E-02 2E-03 7E-02 2E-03	3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 2.00E+00 1.20E-01 2.00E+00 9.10E-02 5.70E-02 5.50E-02	3F 6F 2F 2F 6F
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrodulene 4,6-Dimitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eibylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 4,2-Dichloroethene Acetone Benzene Chlorodibromomethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71056 79005 75343 96184 107062 540590 67641 71432	ND 4.10E-02 4.10E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND 1.90E-03 ND 1.27E-01 ND ND 5.00E-03 ND ND ND 0.00E-03 ND	9.78E-03	2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-05 3.00E-02 2.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-01 1.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 9.00E-03 3.00E-02	1E-01 9E-03 3E-02 9E-02 9E-02 1E-02 4E-03 6E-02 2E-03 1E-02 7E-02 2E-03 3E-02 	3.49E-03 3.49E-03	7.30E+00 7.30E+01 2.00E+00 2.40E+02 6.80E-01 1.40E+02 1.40E+02 7.00E+00 1.20E+01 2.00E+00 9.10E-02 2.570E-02 2.50E+02 8.40E-02 8.40E-02	3F 6F 2F 2F 6F
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Tichloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 1106445 111444 117817 86748 621647 71556 79005 75343 96184 107062 540590 67641 71432 124481	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 0.50E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND ND 0.00E-03 ND ND ND 0.00E-03 ND ND ND 0.00E-03 ND	9.78E-03	2 00E-02 4 00E-03 4 00E-03 4 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 1 00E-03 1 00E-03 1 00E-04 2 00E-02 2 00E-02 3 00E-02 2 00E-03 3 00E-02 2 00E-03 1 00E-04 1 00E-03 1 00E-01 3 00E-02 1 00E-01 1 00E-01 3 00E-02 2 00E-02 2 00E-02 4 00E-03 3 00E-02 9 00E-03 1 00E-01 3 00E-03 4 00E-03 2 00E-02 4 00E-03	1E-01 9E-03 3E-02 9E-02 1E-02 1E-03 4E-03 2E-03 1E-02 7E-02 7E-02 7E-02	3.49E-03 3.49E-03	7.30E+00 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E+02 7.00E+0 1.20E-01 5.70E-02 9.10E-02 9.10E-02 8.40E-02 2.90E-03	3E 6E 2E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,4-Dichlorobenzene 2,6-Dinitrotoluene 1,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitrotoluene 1,6-Dinitro-o-cresol 1,5-Eihylhexyl)phthalate Carbazzole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Dichloroethene Acetone Benzene Chloroethane Chloroethane (Ethyl chloride)	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	ND 4.10E-02 4.10F-02 4.10F-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.27E-01 3.00E-03 ND ND 0.00E-03 ND ND ND 0.00E-03 ND	9.78E-03	2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 	1E-01 9E-03 3E-02 3E-02 1E-02 1E-03 4E-03 2E-03 1E-02 2E-03 3E-02	3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 5.50E-02 8.40E-02 2.90E-03	3E 6E 2E 2E 4E
	Dibenza a hjamthracene Dibenzofuran Fluoranthene Fluorene Indeno [1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Carbazole Enzene Chlorodibromomethane Chloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.97E-01 3.00E-03 ND 5.00E-03 ND ND 5.00E-03 ND ND 6.32E-02 7.97E-03 ND	9.78E-03	2 00E-02 4 00E-03 4 00E-03 4 00E-03 2 00E-02 2 00E-02 2 00E-02 3 00E-02 3 00E-02 1 00E-04 5 00E-03 	IE-01 9E-03 3E-02 9E-02 1E-02 4E-03 1E-02 2E-03 3E-02 2E-03 3E-02 7E-02 7E-02 7E-02 7E-02 7E-02 7E-02 7E-02 9E-03	3.49E-03 3.49E-03	7.30E+00 7.30E-01 7.30E-01 1.0E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E+00 9.10E-02 2.50E-02 8.40E-02 2.90E-03 1.30E-02	3E 6E 2E 2E 4E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indenof [1,2,3-c,4]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,1-Tirchlorothyl)ehther 1sis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,1,2-Tirchloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	9.78E-03	2 00E-02 4 00E-03 4 00E-02 4 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-03 3 00E-02 1 00E-03 3 00E-02 2 00E-03 1 00E-04 4 00E-03 1 00E-04 4 00E-03 3 00E-02 2 00E-03 4 00E-03 1 00E-04 4 00E-03 3 00E-02 9 00E-03 1 00E-04 9 00E-03 1 00E-04 1 00E-03	IE-01 9E-03 3E-02 9E-02 1E-02 9E-03 9E-02 1E-03 9E-03	3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 5.50E-02 8.40E-02 2.90E-03	3E 6E 2E 2E 4E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Eihylhexyl)pithalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene L2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Methyl chloride) Cis-1,2-Dichloroethene Chloromethane (Methyl chloride) cis-1,2-Dichloromethane Ethylbenzene	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 407090 67641 71432 124481 75003 74873 156592 75092	ND 4.10E-02 4.10F-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND ND 1.90E-03 ND ND 1.27E-01 ND ND 0.20E-03 ND ND 0.20E-03 ND ND ND 0.20E-03 ND 0.20E-03 0.20E-03	9.78E-03	2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-01 2.00E-02 2.80E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 2.80E-01 4.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01	IE-01 9E-03 3E-02 9E-02 1E-02 1E-03 2E-03 3E-02 2E-03 3E-02 1E-02 1E-02 1E-02 1E-02 1E-03 3E-02 1E-03 3E-02 1E-03 3E-04 1E-03 3E-04 1E-03 3E-04	3.49E-03 3.49E-03	7.30E+00 7.30E+00 7.30E+00 2.40E+02 2.40E+02 1.10E+00 1.40E+02 7.00E+00 1.20E+00 9.10E+02 2.00E+00 9.10E-02 5.70E-02 2.00E+00 9.10E-02 7.50E-02 8.40E-02 2.90E-03 1.30E-02	3E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indenof [1,2,3-c,4]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,1-Tirchlorothyl)ehther 1sis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Tirchloroethane 1,1,2-Tirchloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	9.78E-03	2 00E-02 4 00E-03 4 00E-02 4 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-03 3 00E-02 1 00E-03 3 00E-02 2 00E-03 1 00E-04 4 00E-03 1 00E-04 4 00E-03 3 00E-02 2 00E-03 4 00E-03 1 00E-04 4 00E-03 3 00E-02 9 00E-03 1 00E-04 9 00E-03 1 00E-04 1 00E-03	IE-01 9E-03 3E-02 9E-02 1E-02 9E-03 9E-02 1E-03 9E-03	3.49E-03 3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E+00 1.20E-01	3E 2E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Cectone Benzene Chloroethane (Ethyl chloride) chis-1-2-Dichloroethene Edichoromethane Edichloromethane Ethylbenzene Ettrachloroethene	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 1106445 111444 117817 86748 621647 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 0.52E-02 ND ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND ND 0.00E-03 ND ND ND ND ND 0.00E-03 ND ND ND ND 0.02E-02 1.65E-02 7.97E-03 ND ND ND ND ND ND ND ND ND 0.32E-02 1.65E-02 7.97E-03 ND	9,78E-03	2 00E-02 4 00E-03 4 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 1 00E-03 1 00E-03 1 00E-04 2 00E-03 3 00E-02 2 00E-02 2 00E-02 2 00E-03 3 00E-02 2 00E-03 1 00E-01 1 00E-03 3 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 1 00E-03 1 00E-01 2 00E-02 2 00E-02 1 00E-02 2 00E-02 2 00E-02 2 00E-02 2 00E-02 1 00E-03	IE-01 9E-03 3E-02 9E-02 1E-02 9E-03 1E-02 9E-03 3E-02 9E-03 3E-02 9E-03 3E-02 9E-03 3E-04 9E-03	3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 7.50E-03 5.20E-03	5E
	Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indenof I, 2,3-e,d]pyrene Naphthalene Phenanthrene Phyrene Aroelor-1260 1,4-Dichlorobenzene 2,6-Dimitro-to-cresol 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Dichloroethane	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 110444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75992 100414 127184	ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	9.78E-03	2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 2.00E-01 4.00E-03 1.00E-04 4.00E-03 3.00E-02 2.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	IE-01 9E-03 3E-02 9E-02 1E-02 9E-02 1E-02 9E-02 1E-02 9E-02 1E-03 3E-04 7E-03 7E-03 3E-04 7E-03	3.49E-03	7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	6E 2E 2E 4E 1E 1E

APPENDIX E.2 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM GROUNDWATER Record on PMF Assumptions

		CAS Number	Cgw (mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 32	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		-
	Arsenic	7440382	1.65E-02	9.78E-03	3.00E-04	5E-01	3.49E-03	1.50E+00	9E
	Barium	7440393	6.02E-01	9.78E-03	7.00E-02	8E-02	3.49E-03		
	Cadmium Chromium	7440439_W 18540299 VI	5.00E-03 1.90E-03	9.78E-03 9.78E-03	5.00E-04 3.00E-03	1E-01 6E-03	3.49E-03 3.49E-03		
	Manganese	7439965 NF		9.78E-03 9.78E-03	2.00E-03	0E-03	3.49E-03 3.49E-03		
	Mercury	7439976	3.27E-05	9.78E-03	3.00E-04	1E-03	3.49E-03		
	Selenium	7782492	6.60E-03	9.78E-03	5.00E-03	1E-02	3.49E-03		
	Silver	7440224	1.50E-03	9.78E-03	5.00E-03	3E-03	3.49E-03		
	2-Methylnaphthalene	91576	1.55E-02	9.78E-03	2.00E-02	8E-03	3.49E-03		
	Acenaphthene	83329	3.30E-03	9.78E-03	6.00E-02	5E-04 6E-04	3.49E-03	7 20E 01	3E
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	1.30E-03 ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02	6E-04	3.49E-03 3.49E-03	7.30E-01 7.30E+00	31
	Benzo[b]fluoranthene	205992	1.10E-03	9.78E-03	2.00E-02	5E-04	3.49E-03	7.30E-01	3E
	Benzo[k]fluoranthene	207089	2.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03	7.30E-02	5E
	Chrysene	218019	1.10E-03	9.78E-03	2.00E-02	5E-04	3.49E-03	7.30E-03	3E
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	1.20E-03	9.78E-03	4.00E-03	3E-03	3.49E-03		
	Fluoranthene	206440	7.40E-03	9.78E-03	4.00E-02	2E-03	3.49E-03		
	Fluorene	86737 193395	3.40E-03	9.78E-03	4.00E-02	8E-04	3.49E-03	7.30E-01	
	Indeno[1,2,3-c,d]pyrene Naphthalene	91203	ND 5.20E-03	9.78E-03 9.78E-03	2.00E-02 2.00E-02	3E-03	3.49E-03 3.49E-03	7.30E-01	
	Phenanthrene	85018	4.50E-03	9.78E-03	2.00E-02	2E-03	3.49E-03		
	Pyrene	129000	5.60E-03	9.78E-03	3.00E-02	2E-03	3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		
	4-Methylphenol (p-Cresol)	106445 111444	ND ND	9.78E-03 9.78E-03	5.00E-03		3.49E-03 3.49E-03	1.10E+00	
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	117817	1.40E-01	9.78E-03 9.78E-03	2.00E-02	7E-02	3.49E-03 3.49E-03	1.40E-02	7E
	Carbazole	86748	1.40E-01 1.20E-03	9.78E-03 9.78E-03	2.00E-02	/E-02	3.49E-03 3.49E-03	2.00E-02	8E
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	01
	Pentachlorophenol (PCP)	87865	6.30E-03	9.78E-03	3.00E-02	2E-03	3.49E-03	1.20E-01	3E
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03		
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND ND	9.78E-03	1.00E-01		3.49E-03	2.005 - 00	
	1,2,3-Trichloropropane 1,2-Dichloroethane	96184 107062	ND ND	9.78E-03 9.78E-03	6.00E-03 3.00E-02		3.49E-03 3.49E-03	2.00E+00 9.10E-02	
	1,2-Dichloroethene		2.43E-03	9.78E-03 9.78E-03	9.00E-02	3E-03	3.49E-03 3.49E-03	9.10E-02	
	Acetone		1.00E+01	9.78E-03	1.00E-01	1E+00	3.49E-03		
	Benzene	71432	ND	9.78E-03	3.00E-03		3.49E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	8.38E-03	9.78E-03			3.49E-03	1.30E-02	4E
	cis-1,2-Dichloroethene	156592	1.45E-03	9.78E-03	1.00E-02	1E-03	3.49E-03	7.50F.02	41
	Dichloromethane Ethylbenzene	75092 100414	1.60E+00 ND	9.78E-03 9.78E-03	6.00E-02 1.00E-01	3E-01	3.49E-03 3.49E-03	7.50E-03	4E
	Tetrachloroethene	127184	ND	9.78E-03	1.00E-01		3.49E-03	5.20E-02	
	Toluene	108883	1.60E-03	9.78E-03	2.00E-01	8E-05	3.49E-03		
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02	
	Vinyl Chloride	75014 A	8.17E-03	9.78E-03	3.00E-03	3E-02	3.49E-03	7.20E-01	2F
	Xylenes (Total)	1330207	2.60E-03	9.78E-03	2.00E+00 Total	1E-05 2E+00	3.49E-03	Total	_
AOI 33	Xylenes (Total) Antimony Arsenic	1330207 7440360 7440382	2.60E-03 2.15E-03	9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04	1E-05 2E+00 7E-02	3.49E-03 3.49E-03 3.49E-03		2F
AOI 33	Xylenes (Total) Antimony	1330207 7440360	2.60E-03	9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04	1E-05 2E+00	3.49E-03 3.49E-03	Total	2F
AOI 33	Xylenes (Total) Antimony Arsenic Barium	7440360 7440382 7440393 7440439_W 18540299_VI	2.60E-03 2.15E-03 1.85E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	1E-05 2E+00 7E-02 3E-02	3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2F
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2H
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 Total 1.50E+00 	2H
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440380 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 7E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2H
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 744039 W 18540299_VI 7439965_NF 7439976 7782492 7440224	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 7E-03 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 Total 1.50E+00 	11
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440360 7440382 7440393 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 7E-03 2E-03 1E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 2E-03 1E-01 4E-02	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2 F
AOI 33	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440393 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 7E-03 2E-03 1E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	2F
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 2E-03 1E-01 4E-02 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01	1E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 744022 56553 50328 205992 207089	2.60E-03 	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 7E-03 1E-01 4E-02 1E-03 1E-03 1E-03 1E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02	1H 6H 6H 5H 6H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-05 2E-400 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-02	1
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnapthalene Acenaphthene Benzo[a]aprene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 2.16E-03 2.30E-03 1.99E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-05 2E-400 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	1
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]hyrene Benzo[b]Huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	1E-05 2E+00 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	6H 6H 6H 6H 6H 5H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnapthalene Acenaphthene Benzo[a]aprene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-03 2.30E-03 2.16E-03 2.30E-03 1.99E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	1E-05 2E-400 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	6E 6E 5E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	2.15E-03 1.85E-01 4.75E-04 4.75E-04 4.75E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03	TE-05 2E-400	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-03	6E 6E 5E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03 4.00E-03	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 1E-01 1E-03 1E-03 1E-03 1E-03 2E-03 2E-02 1E-03 3E-03 3E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	1E 6E 6E 6E 5E 6E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene	7440360 7440382 7440393 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 9.84E-04 2.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.216E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	1E-05 2E+00 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E-01 7.30E-01	6E 6E 5E 6E 6E 5E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indene[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene	7440360 7440382 7440393 7440439-W 18540299-W1 7439965-NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 1E-03 1E-03 1E-03 1E-03 1E-03 2E-03 2E-03 2E-03 2E-03 2E-03 4E-03	3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00	6E 6E 5E 6E 5E 5E 5E
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[b]luoranthene Chrysene Dibenz[a,b]lanthracene Dibenz[a,b]anthracene	7440360 7440382 7440393 W 18540299_W 18540299_W 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.23E-03 2.16E-03 2.30E-03 1.99E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-02	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 3.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 1E-03 1E-01 4E-03 1E-03 1E-04 1E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	6E 6E 5E 6E 6E 5E 7E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Aphthalene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11196825 106467	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 3E-03 3E-03 1E-03 1E-01 4E-02 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-04 4E-02 4E-02 4E-03 5E-02 4E-03 5E-02	3.49E-03	Total 1.50E+00	1E 6E 6E 6E 6E 5E 7E 3E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lnuranthene Benzo[s]lfluoranthene Benzo[s]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.60E-03 2.15E-03 1.85E-01 1.85E-01 1.85E-01 9.84E-04 9.84E-04 2.37E-01 2.38E-03 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 1.99E-03 1.50E-01 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02	1E-05 2E+00 7E-02 3E-02 9E-03 3E-03 4E-03 1E-03 1E-01 4E-03 1E-03 1E-04 1E-05	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Aphthalene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11196825 106467	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 3E-03 3E-04 7E-02 4E-02	3.49E-03	Total 1.50E+00	6E 6E 5E 6E 5E 5E 3E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhtracene Benzo[a]anhtracene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 2.14E-03 5.49E+00 1.50E-01 1.22E-02 1.02E-04 ND ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-01	1E-05 2E+00 7E-02 3E-02 3E-02 4E-03 3E-03 4E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 2E-02 2E-02 4E-03 2E-02 1E-04	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	6H 6H 5H 5H 5H 3H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a]hanthracene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethloroethyl)ether bis(2-Ethloreethyl)pthenalate	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-01	1E-05 2E+00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-00 4E-03 3E-00 4E-03 3E-00 4E-03 3E-00 4E-03 5E-04	3.49E-03	Total 1.50E+00	1E 6E 6E 5E 5E 5E 5E 5E 5E 5E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]huoranthene Benzo[s]huoranthene Benzo[s]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,h]nathracene Dibenz[a,c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439965_NF 7439976 7782492 2040224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	2.60E-03 2.15E-03 1.85E-01 1.85E-01 1.85E-01 1.85E-01 1.85E-04 9.84E-04 2.37E-01 2.38E-03 2.25E-03 2.25E-03 2.16E-03 2.30E-03 ND 8.23E-03 1.99E-03 ND 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND ND 1.00E-03 ND 1.00E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E	3.49E-03 3.49E-03	7.30E+00	1E 6E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dib	7440360 7440382 7440399_W 18540299_W 18540299_W 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-05 3.00E-03 3.00E-03 5.00E-03 4.00E-05 5.00E-03 5.00E-03	1E-05 2E+00 7E-02 3E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 2E-02 1E-04 5E-03 3E-04 5E-04 5E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02	1E 6E 6E 6E 6E 5E 7E 3E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]nathracene Dibenz[a,b]anthracene Aphthalene Pluoranthene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-to-cresol 4,6-Dinitro-to-cresol 4,6-Dinitro-to-tesol bis(2-Ethylphenol (p-Cresol) bis(2-Ethylphenol (p-Cre	7440360 7440382 7440393 74404393 74404393 74404395 7439965 NF 7439965 NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	1E-05 2E+00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-04 1E	3.49E-03 3.49E-03	Total 1.50E+00	51 51 51 51 51 51 51 51 51 51 51 51 51 5
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]huoranthene Chrysene Dibenz[a,h]anthracene Dibenzofitran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitr	1330207 7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 1106445 111444 117817 87865 71556	2.60E-03	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 4E-03 1E-03 1E	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 	1E 6E 6E 6E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]nthracene Dibenz[a,h]cornene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Eth)hetkyljphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116444 117817 86748 621647 87865 71556	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-04 5E-03 3E-04 3E-04 3E-04	3.49E-03	Total 1.50E+00	6E 6E 5E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Diben	1330207 7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 1106445 111444 117817 87865 71556	2.60E-03	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 4E-03 1E-03 1E	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 	51 51 51 51 51 51 51 51 51 51 51 51 51 5
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]nthracene Dibenz[a,h]cornene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Eth)hetkyljphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 2040224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	1E-05 2E+00 7E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-04	3.49E-03	7.30E+00	21 1H 6H 6H 5H 6H 5H
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]huoranthene Benzo[s]huoranthene Benzo[s]huoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 244 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 4E-03 1E-03 1E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 7.00E+00 1.40E-02	21 66 66 66 67 57 58 58 58 58 58 58 58 58 58 58 58 58 58
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]huoranthene Benzo[a]phuoranthene Benzo[b]huoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	1330207 7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-04 3E-04 2E-03 1E-04 2E-03	3.49E-03	Total Total 1.50E+00	51 51 51 51 51 51 51 51 51 51 51 51 51 5
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[s]lfluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2-3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1.4-Dichlorobenzene 2,6-Dinitro-o-cresol bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 91576 83329 956553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 1432 407062 540590 67641 17432	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-04	3.49E-03	Total 1.50E+00	21 11 66 66 55 66 66 55 67 56 56 56 56 56 56 56 56 56 56 56 56 56
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]lmracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthene 1,2-Dichlorocthene L2-Dichlorocthene L2-Dichlorocthene Benzene Benzene	1330207 7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	2.60E-03	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-01	1E-05 2E+00 7E-02 3E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 4E-03 1E-03 1E-04	3.49E-03	7.30E-01	111 66 66 66 67 51 66 66 67 51 51 51 51 51 51 51 51 51 51 51 51 51
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]anthracene Dibenz[a	1330207 7440360 7440382 7440393 74404393 74404393 7440293_VI 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-03 1.00E-01 3.00E-02	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-01 1E-03 1E-04 3E-04 3E-04 3E-04	3.49E-03	Total 1.50E+00	111 66 66 66 67 51 66 66 67 51 51 51 51 51 51 51 51 51 51 51 51 51
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]Inuranthene Benzo[a]Inuranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Benzo[b]Huoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1-Dichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Dichloroethene L2-3-Trichloroethane 1,2-3-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride)	1330207 7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 24 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 75033 74873	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 2.80E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-04	3.49E-03	7.30E-00 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.00E-02	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]huoranthene Benzo[a]pyrene Benzo[b]huoranthene Benzo[a]phuoranthene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[a]pyrene Benzo[b]huoranthene Benzo[b]huoranthene Benzo[b]huoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylkeyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane	1330207 7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-01 1.00E-01	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-04 2E-03 2E-04 2E-03 2E-04	3.49E-03	Total Total 1.50E+00	11
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[s]huoranthene Benzo[s]huoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2-3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (A-Dinittro-o-cresol bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-2-Tichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Chloroethane 1,2-1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane	1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 91576 83329 956553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 3E-03 1E-01 1E-01 1E-03 1E-04	3.49E-03	7.30E-00 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.00E-02	11E 66E 66E 65E 55E 55E 55E 55E 55E 55E 55
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[si]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorantene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 1-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethene Loctone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Ethyl chloride) Chloromethane Chloromethane Chloromethane Chloromethane Chloromethane Lichlorioromethane Lichlorioromethane Lichloromethane	1330207 7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 1106445 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-04 2E-03 2E-04 2E-03 2E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-03	11E 66E 66E 55E 55E 55E 51E 51E 51E 51E 51E 51E 51
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[s]huoranthene Benzo[s]huoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2-3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (A-Dinittro-o-cresol bist2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-2-Tichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Chloroethane 1,2-1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane	1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 91576 83329 956553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	1E-05 2E+00 7E-02 3E-02 3E-02 3E-03 3E-03 3E-03 3E-03 1E-01 4E-03 1E-03 1E-04	3.49E-03	Total 1.50E+00	11E 6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorothene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 4,6-Dinitro-toluene 1,4-Dichlorothene 1,1-Dichlorothene 1,1-Trichlorothane 1,1-Trichlorothane 1,1-Trichlorothane 1,1-Trichlorothane 1,1-Trichlorothane 1,1-Trichlorothane 1,1-Dichlorothane 1,2-Dichlorothane	1330207 7440360 7440382 7440393 74404393 74404393 74404393 7439965 NF 7439966 7782492 7440224 91576 833329 565533 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 156592 75092 75092 100414 127184 108883 79016	2.60E-03	9.78E-03	2.00E+00 Total 4.00E+04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-04 4.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	1E-05 2E-00 7E-02 9E-03 3E-03 3E-03 1E-01 1E-03 1E-04	3.49E-03	Total Total 1.50E+00	1 IEI
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,c]d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (a,b-Dinitro-o-cresol) Dist(2-Chloroethyl)ether Dist(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentahchlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jrichloroethene 1,2-Jrichloroethene Chloroethane (Ethyl chloride) Chloromethane (Kethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	1330207 7440360 7440382 7440393 7440439_W 18540229_W1 7439965_NF 7439976 7782492 244 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 75033 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	2.60E-03	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 2.00E-02 2.00E-01 1.00E-01 3.00E-02 2.00E-01 1.00E-01	1E-05 2E+00 7E-02 3E-03 3E-03 3E-03 3E-03 1E-01 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-00 7E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-03 3E-04	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 7.00E-02 2.00E-02 7.00E-02	11E 66E 66E 55E 55E 55E 55E 55E 55E 55E 55

APPENDIX E.2 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM GROUNDWATER Record on PMF Assumptions

AOI 34	Chemical	CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
	Antimony	7440360	4.95E-02	9.78E-03	4.00E-04	1E+00	3.49E-03		-
	Arsenic	7440382	2.26E-02	9.78E-03	3.00E-04	7E-01	3.49E-03	1.50E+00	1E
	Barium	7440393	3.81E-01	9.78E-03	7.00E-02	5E-02	3.49E-03		
	Cadmium Chromium	7440439_W 18540299 VI	1.55E-03 3.66E-02	9.78E-03 9.78E-03	5.00E-04 3.00E-03	3E-02 1E-01	3.49E-03 3.49E-03		
	Manganese	7439965 NF	1.19E+00	9.78E-03	2.00E-02	6E-01	3.49E-03		
	Mercury	7439976	5.70E-04	9.78E-03	3.00E-04	2E-02	3.49E-03		
	Selenium	7782492	1.04E-02	9.78E-03	5.00E-03	2E-02	3.49E-03		
	Silver	7440224	2.04E-02	9.78E-03	5.00E-03	4E-02	3.49E-03		
	2-Methylnaphthalene	91576	8.98E-03	9.78E-03	2.00E-02	4E-03	3.49E-03		
	Acenaphthene	83329	2.86E-03	9.78E-03	6.00E-02	5E-04	3.49E-03	7.20E.01	
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-01 7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E=02 2.00E=02		3.49E-03	7.30E-00	
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649	5.69E-03	9.78E-03	4.00E-03	1E-02	3.49E-03		
	Fluoranthene	206440	ND	9.78E-03	4.00E-02	 OF 04	3.49E-03		
	Fluorene Indeno[1,2,3-c,d]pyrene	86737 193395	3.28E-03 ND	9.78E-03 9.78E-03	4.00E-02 2.00E-02	8E-04	3.49E-03 3.49E-03	7.30E-01	
	Naphthalene	91203	3.12E-03	9.78E-03	2.00E-02	2E-03	3.49E-03	7.5012-01	
	Phenanthrene	85018	3.07E-03	9.78E-03	2.00E-02	2E-03	3.49E-03		
	Pyrene	129000	1.10E-03	9.78E-03	3.00E-02	4E-04	3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	2.00E-03	9.78E-03	1.00E-04	2E-01	3.49E-03		
	4-Methylphenol (p-Cresol)	106445 111444	ND ND	9.78E-03 9.78E-03	5.00E-03		3.49E-03 3.49E-03	1.10E+00	
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	117817	1.35E-02	9.78E-03 9.78E-03	2.00E-02	7E-03	3.49E-03 3.49E-03	1.10E+00 1.40E-02	7E
	Carbazole	86748	2.70E-03	9.78E-03 9.78E-03	2.00E-02	/E-03	3.49E-03 3.49E-03	2.00E-02	2E
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	5.84E-03	9.78E-03	3.00E-02	2E-03	3.49E-03	1.20E-01	2E
	1,1,1-Trichloroethane	71556	3.39E-03	9.78E-03	2.80E-01	1E-04	3.49E-03		
	1,1,2-Trichloroethane	79005	8.00E-04	9.78E-03	4.00E-03	2E-03	3.49E-03	5.70E-02	2E
	1,1-Dichloroethane	75343	2.87E-01	9.78E-03	1.00E-01	3E-02	3.49E-03	2.000:00	
	1,2,3-Trichloropropane 1,2-Dichloroethane	96184 107062	ND 6.00E-04	9.78E-03 9.78E-03	6.00E-03 3.00E-02	2E-04	3.49E-03 3.49E-03	2.00E+00 9.10E-02	2E
	1,2-Dichloroethene	540590	1.69E-02	9.78E-03 9.78E-03	9.00E-02	2E-04 2E-02	3.49E-03 3.49E-03	9.10E-02	2E
	Acetone	67641	2.09E-02	9.78E-03	1.00E-01	2E-03	3.49E-03		
	Benzene	71432	3.75E-03	9.78E-03	3.00E-03	1E-02	3.49E-03	5.50E-02	7E
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.72E-02	9.78E-03	4.00E-01	4E-04	3.49E-03	2.90E-03	2E
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03	1.005.03	 1E 02	3.49E-03	1.30E-02	
	cis-1,2-Dichloroethene Dichloromethane	156592 75092	1.30E-02 3.34E-03	9.78E-03 9.78E-03	1.00E-02 6.00E-02	1E-02 5E-04	3.49E-03 3.49E-03	7.50E-03	9E
	Ethylbenzene	100414	3.00E-03	9.78E-03 9.78E-03	1.00E-02	3E-04 3E-04	3.49E-03 3.49E-03	7.30E-03	91
	Tetrachloroethene	127184	3.64E-03	9.78E-03	1.00E-02	4E-03	3.49E-03	5.20E-02	7E
	Toluene	108883	3.10E-03	9.78E-03	2.00E-01	2E-04	3.49E-03		
	Trichloroethene	79016	3.34E-03	9.78E-03	3.00E-04	1E-01	3.49E-03	1.10E-02	1E
	Vinyl Chloride	75014_A	1.92E-01	9.78E-03	3.00E-03	6E-01	3.49E-03	7.20E-01	5E
	Xylenes (Total)	1330207	4.44E-03	9.78E-03	2.00E+00 Total	2E-05 4E+00	3.49E-03	Total	6 F
AOI 35	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		
	Arsenic	7440382	9.50E-03	9.78E-03	3.00E-04	3E-01	3.49E-03	1.50E+00	5E
	Barium	7440393	3.12E-01	9.78E-03	7.00E-02	4E-02	3.49E-03		
	Cadmium	7440439_W	1.50E-03	9.78E-03	5.00E-04	3E-02	3.49E-03		
	Chromium Manganese	18540299_VI 7439965 NF	2.10E-03 5.80E-01	9.78E-03 9.78E-03	3.00E-03 2.00E-02	7E-03 3E-01	3.49E-03 3.49E-03		
	Manganese Mercury	7439965_NF 7439976	5.80E-01 6.70E-05	9.78E-03 9.78E-03	2.00E-02 3.00E-04	3E-01 2E-03	3.49E-03 3.49E-03		
	Selenium	7782492	7.40E-03	9.78E-03	5.00E-04 5.00E-03	1E-02	3.49E-03		
	Silver	7440224	2.90E-03	9.78E-03	5.00E-03	6E-03	3.49E-03		
	2-Methylnaphthalene	91576	3.70E-02	9.78E-03	2.00E-02	2E-02	3.49E-03		
	Acenaphthene	83329	4.00E-03	9.78E-03	6.00E-02	7E-04	3.49E-03		
	Benzo[a]anthracene	56553	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[k]fluoranthene Chrysene	207089	ND ND	9.78E-03	2.00E-02 2.00E-02		3.49E-03	7.30E-02 7.30E-03	
	Chrysene Dibenz[a,h]anthracene	218019 53703	ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02		3.49E-03 3.49E-03	7.30E-03 7.30E+00	
	Dibenzofuran	132649	ND	9.78E-03	4.00E-02		3.49E-03	7.301:100	
	Fluoranthene	206440		9.78E-03	4.00E-02	5E-05	3.49E-03		
		86737	4.00E-03	9.78E-03	4.00E-02	1E-03	3.49E-03		
	Fluorene						3.49E-03	7.30E-01	
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	1.00E-04	9.78E-03	2.00E-02	5E-05	3.49E-03		
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	193395 91203 85018	1.00E-04 6.00E-03	9.78E-03 9.78E-03	2.00E-02 2.00E-02	5E-05 3E-03	3.49E-03		
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	193395 91203 85018 129000	1.00E-04 6.00E-03 2.00E-04	9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02	5E-05 3E-03 7E-05	3.49E-03 3.49E-03	-	
	Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	193395 91203 85018 129000 11096825	1.00E-04 6.00E-03 2.00E-04 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05	5E-05 3E-03 7E-05	3.49E-03 3.49E-03 3.49E-03	 2.00E+00	
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	193395 91203 85018 129000 11096825 106467	1.00E-04 6.00E-03 2.00E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02	5E-05 3E-03 7E-05	3.49E-03 3.49E-03 3.49E-03 3.49E-03	-	3E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	193395 91203 85018 129000 11096825	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05	5E-05 3E-03 7E-05 1E-04	3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02	3E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03	5E-05 3E-03 7E-05 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01	3E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis[2-Chloroethyl]ether	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03	5E-05 3E-03 7E-05 1E-04 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01	3E
	Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cercesol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbecylphthalate	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND S.80E-03	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03	5E-05 3E-03 7E-05 1E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02	3E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND 3.80E-03 7.00E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02	3E 2E 5E
	Indenol 1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND 3.80E-03 7.00E-04 ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 2.00E-02	5E-05 3E-03 7E-05 1E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00	3E 2E 5E
	Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbecylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02	5E-05 3E-03 7E-05 1E-04 2E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E 2E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 621647 87865 71556	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 3.00E-02 2.80E-01	5E-05 3E-03 7E-05 1E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E 2E 5E
	Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbecylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02	5E-05 3E-03 7E-05 1E-04 2E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E 2E 5E
	Indenol 1, 2, 3-e, d]pyrene Naphthalene Phenanthrene Pyrene Arroclor-1260 1, 4-Dichlorobenzene 2, 6-Dimitrotoluene 4, 6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1, 1, 1-Trichlorocthane 1, 1, 2-Trichlorocthane 1, 1, 2-Trichlorocthane 1, 1, 2-Trichlorocthane 1, 2, 3-Trichloropropane	193395 91203 85018 129000 11096825 106467 606202 534521 110444 117817 86748 621647 87865 71556	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND 3.80E-03 7.00E-04 ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E 2E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-cresol 4-Methylphenol (p-Cresol) bis(2-Cthloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloropropane 1,2-3-Trichloropropane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 5.00E-02 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02	2E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ehre bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 1106445 111417 86748 621647 87865 71556 79005 75343 96184 107062 540590	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND 3.80E-03 7.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-03 	5E-05 3E-03 7E-05 	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	2F 5F
	Indenol 1, 2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Arroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrofoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bist2-Chloroethylether bist2-Elioroethylether Li,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND 3.80E-03 7.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2,00E-02 2,00E-02 3,00E-02 2,00E-05 3,00E-02 1,00E-03 1,00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	3E 2E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethyltexylphthalate Carbazole n-Nitrosodipropylamine Pentachloropthenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-J-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E+02 6.80E-01 1.10E+00 1.40E-02 2.00E+02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	3E 2E 5E
	Indenol 1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	2E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ehylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloropthane 1,2-Dichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 2.80E-01 4.00E-03 1.00E-03 3.00E-02 9.00E-03 1.00E-01 3.00E-02 9.00E-03 1.00E-04	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E+00 6.80E-01 	2F 5F
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-2-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,C-Dichloroethane 1,C-Di	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	2E 5E
	Indenol 1, 2, 3-c, d]pyrene Naphthalene Phenanthrene Pyrene Arroclor-1260 1, 4-Dichlorobenzene 2, 6-Dinitroolouene 4, 6-Dinitroo-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1, 1, 1-Trichlorocthane 1, 1, 2-Trichlorocthane 1, 1, 2-Trichlorocthane 1, 2, 3-Trichloropropane 1, 2-Dichlorocthane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	2 00E-02 2 00E-02 2 00E-02 3 00E-02 2 00E-03 3 00E-02 1 00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	3E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chylheckylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Jrichloroethane 1,2-Dichloroethane	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND	9.78E-03	2 00E-02 2 00E-02 2 00E-02 3 00E-02 2 00E-05 3 00E-02 1 00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 2E-03 2E-03 2E-03 3E-04	3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	2F 5F
	Indenol 1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene	193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03 3E-04	3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 2.90E-03 1.30E-02 7.50E-02 8.40E-02 2.90E-03 1.30E-02	3E 5E
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ehylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane Dichloromethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Etrachloroethene Tetrachloroethene	193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156992 75092	1.00E-04 6.00E-03 6.00E-03 7.00E-04 ND	9.78E-03	2 00E-02 2 00E-02 2 00E-02 3 00E-02 2 00E-03 1 00E-03 1 00E-03 2 00E-02 2 00E-02 2 80E-01 4 00E-03 3 00E-02 9 00E-03 3 00E-02 9 00E-03 1 00E-01 3 00E-02 9 00E-02 1 00E-02 1 00E-02 1 00E-02 1 00E-02 1 00E-02 1 00E-02	5E-05 3E-03 7E-05 1E-04 2E-03 2E-03 3E-04 3E-04	3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	3E 5E
	Indenol 1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylether bis(2-Eihylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene	193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	9.78E-03	2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03 3E-04	3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	3E
	Indenol 1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrooluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylhecyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1-Dichloroethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethane Ethylbenzene Ethylbenzene Tetrachloroethene Toluene	193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86768 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 100414 127184	1.00E-04 6.00E-03 2.00E-04 ND 3.00E-04 ND	9.78E-03	2 00E-02 2 00E-02 3 00E-02 2 00E-05 3 00E-02 1 00E-03 1 00E-04 5 00E-03 	5E-05 3E-03 7E-05 1E-04 2E-03 9E-04 2E-03 3E-04	3.49E-03 3.49E-03	2.00E+00 2.40E-02 6.80E-01 	3E

APPENDIX E.2 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM GROUNDWATER Resed on PMF Assumptions

	Chemical	CAS Number	Cgw (mg/L)	HIFNC	ncancer Risk Oral RfD	RiskNC	HIFC	ancer Risk Oral SF	Ris
AOI 36	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		-
	Arsenic	7440382	7.50E-03	9.78E-03	3.00E-04	2E-01	3.49E-03	1.50E+00	4E-
	Barium	7440393	3.08E-01	9.78E-03	7.00E-02	4E-02	3.49E-03		-
	Cadmium	7440439_W	1.90E-03	9.78E-03	5.00E-04	4E-02	3.49E-03		-
	Chromium	18540299_VI	2.60E-02	9.78E-03	3.00E-03	8E-02	3.49E-03		-
	Manganese	7439965_NF	1.21E-01	9.78E-03	2.00E-02	6E-02	3.49E-03		
	Mercury	7439976	6.20E-05	9.78E-03	3.00E-04	2E-03	3.49E-03		
	Selenium	7782492	6.00E-03	9.78E-03	5.00E-03	1E-02	3.49E-03		
	Silver 2-Methylnaphthalene	7440224 91576	3.00E-03 ND	9.78E-03 9.78E-03	5.00E-03 2.00E-02	6E-03	3.49E-03 3.49E-03		
	Acenaphthene	83329	ND	9.78E-03	6.00E-02		3.49E-03		
	Benzo[a]anthracene	56553	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Dibenzofuran	132649		9.78E-03	4.00E-03		3.49E-03		
	Fluoranthene	206440	ND	9.78E-03	4.00E-02		3.49E-03		
	Fluorene	86737	ND	9.78E-03	4.00E-02		3.49E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Naphthalene	91203	ND	9.78E-03	2.00E-02		3.49E-03		
	Phenanthrene	85018	ND	9.78E-03	2.00E-02		3.49E-03		
	Pyrene	129000	1.00E-04	9.78E-03	3.00E-02	3E-05	3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03		
	bis(2-Chloroethyl)ether	111444	ND	9.78E-03			3.49E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	1.44E-03	9.78E-03	2.00E-02	7E-04	3.49E-03	1.40E-02	7E
	Carbazole	86748	ND	9.78E-03			3.49E-03	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	9.78E-03	3.00E-02		3.49E-03	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	9.78E-03	2.80E-01		3.49E-03		
	1,1,2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	
	1,1-Dichloroethane	75343	3.78E-03	9.78E-03	1.00E-01	4E-04	3.49E-03		
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	
	1,2-Dichloroethene		2.98E-03	9.78E-03	9.00E-03	3E-03	3.49E-03		
	Acetone	67641	ND	9.78E-03	1.00E-01		3.49E-03		
	Benzene	71432	ND	9.78E-03	3.00E-03		3.49E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03		 2E.02	3.49E-03	1.30E-02	
	cis-1,2-Dichloroethene	156592	1.54E-03	9.78E-03	1.00E-02	2E-03	3.49E-03	 	
	Dichloromethane	75092	1.15E-03	9.78E-03	6.00E-02	2E-04	3.49E-03	7.50E-03	3E
	Ethylbenzene	100414	ND	9.78E-03	1.00E-01		3.49E-03		
	Tetrachloroethene	127184	ND	9.78E-03	1.00E-02		3.49E-03	5.20E-02	
	Toluene	108883	ND	9.78E-03	2.00E-01		3.49E-03	1.105.03	
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02 7.20E-01	1E
	Vinyl Chloride Xylenes (Total)	75014_A 1330207	3.84E-03 ND	9.78E-03 9.78E-03	3.00E-03 2.00E+00	1E-02	3.49E-03 3.49E-03		
AOI 37	Xylenes (Total) Antimony	1330207 7440360	ND 	9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04	 5E-01	3.49E-03	Total	5E
AOI 37	Xylenes (Total) Antimony Arsenic	1330207 7440360 7440382	ND 	9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04	5E-01	3.49E-03 3.49E-03 3.49E-03	 Total	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium	7440360 7440382 7440393	ND 	9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	ND 	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	 5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	 5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 Total 1.50E+00 	5E
AOI 37	Antimony Arsenic Barium Chromium Manganese Mercury Selerium Silver	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5E
AOI 37	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440360 7440382 7440393 7440393 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	ND 1.70E-01	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-03	 5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	 Total 1.50E+00 	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	ND 1.70E-01 1.91E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00	5H
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01	5H
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440399 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83339 56553 50528	ND 1.70E-01 1.91E-02 ND ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01	5E
AOI 37	Antimony Arsenic Barium Chromium Manganese Mercury Selelum Silver 2-Methyinaphthalene Acenaphthene Benzo[a]nyrene Benzo[a]horanthene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	ND 1.70E-01 1.91E-02 ND ND 2.00E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01	5H
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	ND 1.70E-01 1.91E-02 ND ND 2.00E-04 2.00E-04	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01 8E-02 3E-03 1E-04 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	ND	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01 8E-02 3E-03 1E-04 1E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04	5E-01 8E-02 3E-03 1E-04 1E-04 2E-04	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	5E 5E 5E 1E 5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]hjinoranthene Chrysene Dibenz[a,h]anthracene Dibenzo[a,h]anthracene	7440360 7440382 7440393 7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selelenium Sliver 2-Methyinaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzfa,h]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E+00 7.30E+01 7.30E+01 7.30E+01 7.30E+02 7.30E+02 7.30E+03 7.30E+03	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[k]fluoranthene Chrysene Dibenz[a,k]alnathracene Dibenzofuran Fluoranthene Fluorene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	5E-01 8E-02 3E-03 1E-04 1E-04 2E-04 2E-04 9E-03	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz/a,b]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02	5E-01	3.49E-03 3.49E-03	7.30E+00 7.30E+01 7.30E+01 7.30E+01 7.30E+02 7.30E+02 7.30E+03 7.30E+03	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amhracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.30E-01 7.30E-00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	5E 5E 1E 1E 1
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhtracene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 W 18340299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 7.30E-01	5E 5E 1E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene DibenzGuran Fluoranthene Fluorene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene	7440360 7440382 7440393 7440439-W 18540299-W1 7439965-NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-01	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	Total 1.50E+00 7.30E-01 7.30E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[k]fluoranthene Chrysene Dibenz[a,k]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Pluoranthene Phenanthrene	7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 3.00E-02	5E-01	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]prine Benzo[b]prine Benzo[b]prine Benzo[b]fluoranthene Benzo[k]fluoranthene Denzo[k]fluoranthene Dibenz/a,b]anthracene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11196825 106467	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	5E-01	3.49E-03 3.49E-03	Total 1.50E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Sliver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzfa,h]anthracene Dibenzfana Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotloluene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02	SE-01	3.49E-03 3.49E-03	Total 1.50E+00	5E 5
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]amthracene Benzola]amthracene Benzolb]fluoranthene Chrysene Dibenz[a,b]lanthracene Dibenz[a,b]anthracene Dibenz[a,c]lanthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440360 7440382 7440439 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	5E-01	3.49E-03 3.49E-03	7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]horranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4,4-Methylphenol (p-Cresol)	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	5E-01	3.49E-03 3.49E-03	Total 1.50E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bisty2-Chloroethyl)ether	7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-03	SE-01	3.49E-03 3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 9.7.30E-01 9.7.30E-01 9.7.30E-01	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]prine Liveria (Liveria	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	5E-01	3.49E-03	Total 1.50E+00	5E 5E 1E 5E 5E 1E 5E 5E 7E 5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]ontrinene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eihylhexyl)pithtalate Carbazole	7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-03	SE-01	3.49E-03	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-01 8.0E-02 8	5E 5E 1E
AQI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]lpyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elhylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440360 7440382 7440399_W 18540299_W 18540299_W 7439965_NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-05 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	5E-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07	5E 5E 1E 6E 7E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] purene Benzo[a] phrene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Dibenz[a,h] anthracene Aphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4,4-Dihlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cr	7440360 7440382 7440393 74404393 74404393 74404395 7439965 NF 7439965 NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-03	SE-01	3.49E-03	Total 1.50E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]Inurantene Benzola]Inurantene Benzols Inuranthene Benzols Inuranthene Chrysene Dibenz(a,b)]anthracene Dibenzofuran Fluoranthene Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitr	1330207 7440360 7440382 7440393 W 18540299_VI 7439965_NF 7439965_NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6060202 534521 1106445 111444 117817 87865 71556	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	5E-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 7.00E-00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.40E-02	5E 5E 1E 6E 7E 6
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selelenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[s]hjuoranthene Benzo[s]hjuoranthene Benzo[s]hjuoranthene Benzo[s]hjuoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzfena Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,6-Dinitrotoluene 1,6-Dinitrotoluene 1,1-Tirchloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-1-Trichloroethane 1,1-2-Trichloroethane	7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116444 117817 86748 621647 87865 71556	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	5E-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 7.00E-00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.40E-02	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]myrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]antracene Dibenz[a,h]antracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Elihylhexyl)phthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloropropane	1330207 7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 2306440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04	SE-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+01	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]amtracene Arollor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,7-Dichlorobenale 1,1-Tirchlorocethane 1,1-Tirchlorocethane 1,1-Tirchlorocethane 1,1-Dichlorocethane 1,2-Dichlorocethane	7440360 7440382 7440393 74404393 74404393 74404395 7439965 NF 7439965 NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 779055 75343 96184	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04	SE-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-01 7.30E-01 7.30E-01 8.30E-01	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 1,4-Dichlorobenzene 4,6-Dimitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Tirchloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethane 1,2-Jrichloroethene	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 244 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	SE-01	3.49E-03	Total 1.50E+00	5E 5E 1E 6E 7E 6
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]nntracene Benzo[a]nprene Benzo[b]huoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Chlorocethyl)ether bis(2-Eth)hetsylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane	1330207 7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02	5E-01	3.49E-03	Total 1.50E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]huoranthene Benzo[s]hitoranthene Benzo[s]hitoranthene Benzo[s]hitoranthene Benzo[s]hitoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzfuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol histQ-Chloroethyl-lether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 91576 83329 956553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 1432 407062 540590 67641 17432	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-04 3.00E-02 2.00E-03 3.00E-02 2.00E-04 3.00E-02 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-02	SE-01	3.49E-03	Total 1.50E+00	5E 5E 1E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalen Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]myrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]antracene Dibenz[a,h]antracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzzene Chlorodibromomethane	1330207 7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-03 1.00E-01	SE-01	3.49E-03	7.30E-01	5E 5E 1E 6E 7E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]mtracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]amtracene Dibenz[a,h]anthracene Dibenz[a,h	1330207 7440360 7440382 7440393 74404393 74404393 7440293_VI 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	ND	9.78E-03	2.00E-02 3.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-01 3.00E-01 3.00E-01	SE-01	3.49E-03	Total 1.50E+00	SE S
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,	1330207 7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 24 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 75033 74873	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 1.00E-03 1.00E-03 1.00E-01 4.00E-02 2.00E-02 2.00E-01 4.00E-03 1.00E-01 5.00E-03 1.00E-01 6.00E-03 3.00E-02 2.80E-01 6.00E-03 3.00E-02 2.80E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-03 1.00E-01	SE-01	3.49E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.3	5E
AQI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]priene Benzo[a]priene Benzo[a]priene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Huoranthene Fluorene Aphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocethyl)ether bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	1330207 7440360 7440382 7440393 7440439W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 833329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	ND	9.78E-03	2.00E-02 3.00E-03 3.00E-04 3.00E-04 3.00E-03 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01	5E-01	3.49E-03	Total 1.50E+00	SESSE
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]horanthene Benzo[s]horanthene Benzo[s]horanthene Benzo[s]horanthene Benzo[s]horanthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzfuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrot-o-cresol 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 5,5-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloropthane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 91576 83329 956553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-04 3.00E-04 3.00E-04 3.00E-03	SE-01	3.49E-03	Total 1.50E+00	5E
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalen Acenaphthene Benzola]amhracene Benzola]muracene Benzola]muracene Benzola]muracene Benzola]muracene Benzola]muracene Benzols[ifluoranthene Chrysene Benzols[ifluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 1,4-Dichlorocethane 1,1,1-Trichlorocthane 1,1,1-Trichlorocthane 1,1,2-Trichlorocthane 1,1,2-Tichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthene Acetone Benzene Chlorocthane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Chlorocthane (Ethyl chloride) Chloromethane Chlorocthane (Ethyl chloride) Chloromethane Chlorocthane Chloromethane Chlorocthane Chloromethane Chloromethane Chloromethane Chloromethane Lichloriomethane Lichloromethane	1330207 7440360 7440382 7440393 W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 1106445 117817 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	ND	9.78E-03	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	5E-01	3.49E-03	7.30E-01	SE S
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] anthracene Benzo[a] anthracene Benzo[a] litoranthene Benzo[a] litoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,4] pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl) eher bis(2-Ethylkeyl) phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane Ethylenzene Ettrachloroethene Ethylbenzene Ettrachloroethene	1330207 7440360 7440382 7440393 7440439_W 18540299_W1 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 75092 100414	ND	9.78E-03	2.00E-02 3.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-04 3.00E-02 2.00E-01 3.00E-01 3.00E-01 3.00E-02 9.00E-03 1.00E-01 3.00E-04 4.00E-03 1.00E-01 3.00E-02 9.00E-02	SE-01	3.49E-03	Total 1.50E+00	SE S
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,	1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 2044 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	SE-01	3.49E-03	Total	SEE
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]nurhracene Benzo[a]nurhracene Benzo[a]nurhracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane Chloroethene Chloroethene Chloroethene Chloroethene Tolucne Trichloroethene	1330207 7440360 7440382 7440393 74404393 74404393 74404393 7439965 NF 7439966 7782492 7440224 91576 833329 565533 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 156592 75092 75092 100414 127184 108883 79016	ND	9.78E-03	2.00E-02 3.00E-03 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-01 4.00E-03 4.00E-03 4.00E-01 4.00E-03 4.00E-01 4.00E-03 4.00E-01	SE-01	3.49E-03	Total 1.50E+00	SE S
AOI 37	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,	1330207 7440360 7440382 7440393 7440439_W 18540299_W 18540299_W 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 67606202 534521 106445 111444 117817 86748 621647 87865 77905 75343 96184 117847 11786748 621647 17432 124481 175003 74873 156592 75092 100414 178873	ND	9.78E-03	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	5E-01	3.49E-03	Total	SE

AOI	Chemical	Based on RME Assumptions CAS Number Cgw Noncancer Risk					sk Cancer Risk			
AOI	Chemical	CAS Ivanioci	(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	Risk	
AOI 38	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03			
	Arsenic		1.38E-02	9.78E-03	3.00E-04	4E-01	3.49E-03	1.50E+00	7E-0	
	Barium Cadmium	7440393 7440439 W	5.47E-01 1.34E-03	9.78E-03 9.78E-03	7.00E-02 5.00E-04	8E-02 3E-02	3.49E-03 3.49E-03			
	Chromium	18540299 VI	1.81E-02	9.78E-03 9.78E-03	3.00E-04 3.00E-03	6E-02	3.49E-03 3.49E-03			
	Manganese	7439965 NF	1.13E+00	9.78E-03	2.00E-02	6E-01	3.49E-03			
	Mercury	7439976	5.40E-05	9.78E-03	3.00E-04	2E-03	3.49E-03			
	Selenium	7782492	8.64E-03	9.78E-03	5.00E-03	2E-02	3.49E-03			
	Silver	7440224	6.78E-03	9.78E-03	5.00E-03	1E-02	3.49E-03			
	2-Methylnaphthalene	91576	6.50E-01	9.78E-03	2.00E-02	3E-01	3.49E-03			
	Acenaphthene	83329	1.45E-02	9.78E-03	6.00E-02	2E-03	3.49E-03	 		
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	1.20E-02 6.20E-03	9.78E-03 9.78E-03	2.00E-02 2.00E-02	6E-03 3E-03	3.49E-03 3.49E-03	7.30E-01 7.30E+00	3E-	
	Benzo[b]fluoranthene	205992	1.00E-02	9.78E-03	2.00E-02 2.00E-02	5E-03	3.49E-03	7.30E-00	3E-	
	Benzo[k]fluoranthene	207089	4.80E-03	9.78E-03	2.00E-02	2E-03	3.49E-03	7.30E-01 7.30E-02	IE-	
	Chrysene	218019	1.36E-02	9.78E-03	2.00E-02	7E-03	3.49E-03	7.30E-03	3E-	
	Dibenz[a,h]anthracene	53703	3.00E-04	9.78E-03	2.00E-02	1E-04	3.49E-03	7.30E+00	8E-	
	Dibenzofuran	132649	6.68E-02	9.78E-03	4.00E-03	2E-01	3.49E-03		-	
	Fluoranthene	206440	1.40E-02	9.78E-03	4.00E-02	3E-03	3.49E-03			
	Fluorene	86737	1.80E-02	9.78E-03	4.00E-02	4E-03	3.49E-03	7.30E-01	5E-	
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	2.00E-03 7.72E-02	9.78E-03 9.78E-03	2.00E-02 2.00E-02	1E-03 4E-02	3.49E-03 3.49E-03	7.30E-01	JE-	
	Phenanthrene		4.77E-02	9.78E-03	2.00E-02	2E-02	3.49E-03		_	
	Pyrene	129000	1.01E-02	9.78E-03	3.00E-02	3E-03	3.49E-03		-	
	Aroclor-1260	11096825	ND	9.78E-03	2.00E-05		3.49E-03	2.00E+00		
	1,4-Dichlorobenzene	106467	1.38E-02	9.78E-03	3.00E-02	4E-03	3.49E-03	2.40E-02	1E-	
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01		
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		-	
	4-Methylphenol (p-Cresol)	106445	ND ND	9.78E-03	5.00E-03		3.49E-03	1 10E±00		
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	111444 117817	ND 3.81E-02	9.78E-03 9.78E-03	2.00E-02	2E-02	3.49E-03 3.49E-03	1.10E+00 1.40E-02	2E-	
	Carbazole	86748	1.27E-02	9.78E-03 9.78E-03	2.00E-02	2E-02	3.49E-03 3.49E-03	1.40E-02 2.00E-02	2E- 9E-	
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	-	
	Pentachlorophenol (PCP)	87865	3.00E-03	9.78E-03	3.00E-02	1E-03	3.49E-03	1.20E-01	1E-	
	1,1,1-Trichloroethane	71556	3.17E-01	9.78E-03	2.80E-01	1E-02	3.49E-03			
	1,1,2-Trichloroethane	79005	3.07E-03	9.78E-03	4.00E-03	8E-03	3.49E-03	5.70E-02	6E-	
	1,1-Dichloroethane	75343	1.30E-01	9.78E-03	1.00E-01	1E-02	3.49E-03	2.005 - 00		
	1,2,3-Trichloropropane	96184 107062	ND 1.00E-03	9.78E-03 9.78E-03	6.00E-03 3.00E-02	3E-04	3.49E-03 3.49E-03	2.00E+00 9.10E-02	3E-	
	1,2-Dichloroethane 1,2-Dichloroethene	540590	4.37E-01	9.78E-03 9.78E-03	9.00E-02	5E-04 5E-01	3.49E-03 3.49E-03	9.10E-02	3E-	
	Acetone	67641	6.59E-03	9.78E-03	1.00E-01	6E-04	3.49E-03		-	
	Benzene	71432	1.00E-02	9.78E-03	3.00E-03	3E-02	3.49E-03	5.50E-02	2E-	
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	-	
	Chloroethane (Ethyl chloride)	75003	3.13E-02	9.78E-03	4.00E-01	8E-04	3.49E-03	2.90E-03	3E-	
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03			3.49E-03	1.30E-02		
	cis-1,2-Dichloroethene	156592	7.25E-01	9.78E-03	1.00E-02	7E-01	3.49E-03	7.50F.03		
	Dichloromethane Ethylbenzene		2.43E-03 4.14E-02	9.78E-03 9.78E-03	6.00E-02 1.00E-01	4E-04 4E-03	3.49E-03 3.49E-03	7.50E-03	6E-	
	Tetrachloroethene	127184	3.40E-03	9.78E-03	1.00E-01	3E-03	3.49E-03	5.20E-02	6E-	
	Toluene	108883	1.37E-02	9.78E-03	2.00E-01	7E-04	3.49E-03		-	
									1E-	
	Trichloroethene	79016	3.63E-02	9.78E-03	3.00E-04	1E+00	3.49E-03	1.10E-02	110-	
	Trichloroethene Vinyl Chloride	75014_A	3.63E-02 6.95E-02	9.78E-03	3.00E-03	2E-01	3.49E-03	7.20E-01		
	Trichloroethene	75014_A	3.63E-02						2E-	
	Trichloroethene Vinyl Chloride	75014_A	3.63E-02 6.95E-02	9.78E-03	3.00E-03 2.00E+00	2E-01 3E-04	3.49E-03	7.20E-01 	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony	75014_A 1330207 7440360	3.63E-02 6.95E-02	9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04	2E-01 3E-04 4E+00	3.49E-03 3.49E-03	7.20E-01 Total	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic	75014_A 1330207 7440360 7440382	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium	75014_A 1330207 7440360 7440382 7440393	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium	75014_A 1330207 7440360 7440382 7440393 7440439_W	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	75014_A 1330207 7440360 7440382 7440393 7440439_W	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	75014_A 1330207 7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-03	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene	75014_A 1330207 7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene Acenaphthene Benzo(a]pyrene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 505328	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]Houranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]antracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 5440224 91576 83329 56553 50328 205992 207089	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]Houranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzola jaluntracene Benzola jaluntracene Benzola jaluntracene Chrysene Dibenz/a[h] antihracene Dibenz/a[h] antihracene Dibenz/a[h] antihracene Dibenz/a[h] antihracene Dibenz/a[h] antihracene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-02	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola jlanthracene Benzola jlurene Benzola jlurenthene Ghenzolk jluoranthene Chrysene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene Dibenz/ak.jlanthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E+01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/a,hjanthracene	75014_A 1330207 7440360 7440382 7440393 W 18540299_VI 7439965_NF 7459976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02	2E-01 3E-04 4E-00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]pyrene Benzola[jfluoranthene Chrysene Dibenz(a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene	75014_A 1330207 7440360 7440382 7440393 7440399_VI 7439965_NF 7439976 7832492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	3.63E-02 6.95E-02 5.61E-02	9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03 9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	2E-01 3E-04 4E+00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anhthaene Benzo[a]anhthaene Benzo[a]intranene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,h]anhtracene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439976 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E-00	3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phemanthrene Phemanthrene Phemanthrene Phemene	75014_A 1330207 7440360 7440382 7440393 7440394 7439965_NF 7439965_NF 7439965 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E-00	3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,b]anthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 1854029_VI 7439965_NF 7439966 782492 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 4.00E-02 2.00E-02	2E-01 3E-04 4E-00	3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-00 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phemanthrene Phemanthrene Phemanthrene Phemene	75014_A 1330207 7440360 7440382 7440393 7440394 7439965_NF 7439965_NF 7439965 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 5E-04	3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz/a,h]anthracene Dibenz/anthracene Lidenous Anthracene Lidenous Anthrace	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 7459976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11906825 106467	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 4.00E-04 7.00E-02 5.00E-03 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 5E-04	3.49E-03 3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola Jamhracene Benzola Jamhracene Benzola Jihuoranthene Benzolk Jifuoranthene Chrysene Dibenz/a,h Janthracene Dibenz/a,a, Janthracene Dibenz/a,a, Janthracene Piwarner Huoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phemanthrene Phemanthrene Phemanthrene Phemanthrene Aroelor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01	3.49E-03	7.20E-01 Total 1.50E+00	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]aphracene Benzola]aphracene Benzola]phrene Benzolb]fluoranthene Chrysene Dibenz(a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	75014_A 1330207 7440360 7440382 74403939 W 18540299 VI 7439965_NF 7439976 83329 56553 56553 56553 56559 56553 56328 205992 207089 218019 53703 132649 206440 206440 206440 1196825 106467 606020 534521 106445 111444	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 3.00E-04 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-03	2E-01 3E-04 4E-00	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 7459976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 606202 534521 106445 111444 117817	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 5E-04	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola phyrene Be	75014_A 1330207 7440360 7440382 7440393 7440393 7440439, W 18540299_VI 7439965_NF 7839492 7440224 91576 83329 56553 50328 205992 207089 207089 218019 53703 132649 206440 86737 193395 91203 85018 85018 129000 11096825 106445 11444 117817 86748	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03	2E-01	3.49E-03	7.20E-01 Total 1.50E+00	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]phrene Benzo[a]phrene Benzo[a]phrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,b]anthracene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 8129000 11096825 106467 606202 534521 106445 111444 117817 86748	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 5.00E-05 3.00E-04 5.00E-05 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 5.00E-05 3.00E-05 3.00E-05 3.00E-04 5.00E-03	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 5E-04	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola Jamtracene Benzola Jamtracene Benzola Jihuoranthene Benzola Jihuoranthene Benzola Jihuoranthene Benzola Jihuoranthene Dibenz/a,h Janthracene Dibenz/a,a, Janthracene Dibenz/a,a, Janthracene Dibenz/a,b, Janthracene Dibenz/a, Janthracene Dibenz/	75014_A 1330207 7440360 7440382 744039 W 18540299 VI 7439965_NF 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E-04 1.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04	2E-01	3.49E-03	7.20E-01 Total 1.50E+00	5E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]aptrene Benzola]ptrene Benzola]ptrene Benzola]ptrene Benzola]fluoranthene Chrysene Dibenz(a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthre	75014_A 1330207 7440360 7440382 74403939 W 18540299 VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 1198625 109902 11909825 11009825	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-03 3.00E-04 7.00E-02 3.00E-03 3.00E-04 3.00E-03 3.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 3.00E-04 5.00E-03	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04 5E-04	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola Jamtracene Benzola Jamtracene Benzola Jihuoranthene Benzola Jihuoranthene Benzola Jihuoranthene Benzola Jihuoranthene Dibenz/a,h Janthracene Dibenz/a,a, Janthracene Dibenz/a,a, Janthracene Dibenz/a,b, Janthracene Dibenz/a, Janthracene Dibenz/	75014_A 1330207 7440360 7440382 744039 W 18540299 VI 7439965_NF 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E-04 1.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04	2E-01	3.49E-03	7.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anhracene Benzo[a]intracene Benzo[a]ipyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Dibenza[a,h]anthracene	75014_A 1330207 7440360 744039 744039, W 18540299_VI 7439965_NF 7459976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03 6.00E-03 6.00E-02 6.00E-	2E-01 3E-04 4E-00 1 3E-04 4E-00 1 3E-04 4E-00 1 3E-04 1 3E-04 1 3E-04 1 3E-04	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]anthracene Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzols]fluoranthene Chrysene Dibenz(a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane	75014_A 1330207 7440360 7440382 744039, W 1854029_VI 7439965_NF 7839965 7832492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106445 111444 117817 1666202 534521 106445 111444 117817 87865 71556 79005 75343	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-01	3.49E-03	7.20E-01 Total 1.50E+00	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola Janthracene Benzola Janthracene Benzola Jihuranthene Benzola Jihuranthene Benzola Jihuranthene Chrysene Dibenz(a, la) Inthracene Dib	75014_A 1330207 7440360 7440382 744039 W 18540299 VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	3.63E-02 6.95E-02 5.61E-02 5.61E-02 5.61E-02 7.80E-02 8D 7.80E-02 8D 7.80E-02 8D 7.80E-02 8D 7.80E-02 8D 7.80E-02 8D 8D 7.80E-01 8D	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-04 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-06 5.00E-07	2E-01 3E-04 4E-00 1 3E-04 4E-00 1 3E-04 4E-00 1 3E-04	3.49E-03	7.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphranene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Fluorane Indeno[1,2,3-c,4]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dischloroethane 1,2-Jirichloropopane 1,2-Jichloropopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440393 W 18540299_VI 7439965_NF 7459976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-03 3.00E-04 7.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03	2E-01 3E-04 4E-00 3E-04 4E-00 3E-01 3E-01 3E-03 3E-03 3E-03 3E-01 3E-	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01 2.00E+00 1.40E-02 2.00E-00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]phrene Libenzofuran Fluoranthene Fluoranthene Fluorene Localitation La, 2-dDinitrotoluene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-J-Tichloroethane 1,2-J-Dichloroethane 1,2-J-Dichloroethane 1,2-J-Dichloroethane 1,2-Dichloroethene Acetone Benzene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7832492 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	3.63E-02 6.95E-02 5.61E-02	9,78E-03	3.00E-03 2.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 6.00E-04 6.00E-04 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03	2E-01	3.49E-03	7.20E-01 Total 1.50E+00	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola Jantracene Benzola Jantracene Benzola Jihuranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichloroethane 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethoroethylether bis(2-Ethylhesyl)phthalate Carrbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Trichloroethene L2-Dichloroethene Benzene Benzene Benzene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 11096825 106467 606202 534521 106445 6111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	3.63E-02 6.95E-02 5.61E-02 5.61E-02 5.61E-02 7.80E-02 80 80 80 80 80 80 80 80 80 80 80 80 80	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01	2E-01 3E-03 4E-03 3E-03	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzolajnthacene Benzolajnthacene Benzolajnthracene Benzolajnyrene Dibenzafanjanthracene Dibenzafuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichloroethane 1,4-Dichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chloroethoromomethane Chloroethoromomethane Chloroethoromomethane	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-01 5.00E-01 5.00E-01	2E-01 3E-04 4E-00 3E-01 5E-01	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola planthracene Benzola plyrene Benzola plyre	75014_A 1330207 7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 206440 1198625 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-01	2E-01	3.49E-03	7.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphranene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Dibenz[a,b]anthracene Pluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrooluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Cectone Benzene Chloroethene (Ethyl chloride) cis-1,2-Dichloroethene Chloroethene	75014_A 1330207 7440360 7440360 744039 W 18540299 VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 11796825 1106445 111444 117817 86748 621647 87865 71556 71506 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 4.00E-03 3.00E-02 4.00E-03 3.00E-02 4.00E-03 3.00E-02 4.00E-01	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04 4E-00 3E-04	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzola]pyrene Benzols]fluoranthene Benzols]fluoranthene Benzols]fluoranthene Chrysene Dibenz(a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichloroethene 1,4-Dichloroethane 1,1-2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Joichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloroethene	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 206440 86737 193395 91203 85018 129000 11096825 106447 6605202 534521 106445 111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-01 1.00E-04	2E-01	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola]aphrane Benzola]aphrane Benzola]phrene Benzola[phrene Benzola]phrene Benzola]phrene Benzola]phrene Benzola]phrene Benzola]phrene Benzola]phrene Benzola]phrene Benzene Chloroethane L;2-3-Trichloroethane 1,1-2-Dichloroethane L;2-Dichloroethene Chloroethane Chloroethene (Ethyl chloride) cis-1,2-Dichloroethene Elhoromethane Elhoromethane Chloromethane Elholoromethane Elholoromethane Elchyloenzene	75014_A 1330207 7440360 7440380 7440393 W 18540299 VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 75093 124481 75003 74873 156592 75092	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 4.00E-03	2E-01 3E-04 4E-00 1 3E-04 1 3E-01 1 3E-01 3E-01 3E-01 2E-01 3E-01	3.49E-03	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.50E-02 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzolajnthacene Benzolajnthacene Benzolajnthacene Benzolajnyrene Dibenzafuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Aroclora-Iz60 1,4-Dichloroethure 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Echlynexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane (Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Etruzheloroethene	75014_A 1330207 7440360 744039 744039 744039 744039 744039 745039 7450439 7450439 7450439 745040 74	3.63E-02 6.95E-02 5.61E-02	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-01 3.00E-01 3.00E-01 3.00E-02 9.00E-02 9.00E-03 1.00E-01	2E-01	3.49E-03	7.20E-01	2E-	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola planthracene Benzola plyrene Luoranthene Fluoranthene Fluoranthene Fluorene Benzola plyrene Arcolor-1260 1,4-Dichloroethene 1,2-Eithylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane Ly-Dichloroethene Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ettylbenzene Tetrachloroethene Ethylbenzene Tetrachloroethene Toluene	75014_A 1330207 7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 206440 1198625 106467 606202 634521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 106414	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E-01	3.49E-03	7.20E-01	2E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]phrene Benzo[b]fluoranthene Benzo[k]fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrooluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ehloroethyl)ether bis(2-Elbylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Trichloroethane 1,1-2-Dichloroethane 1,2-Dichloroethene Benzene Benzene Benzene Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Elchloromethane Elchloromethane Elchloromethane Elchylbenzene Tertachloroethene Trichloroethene Trichloroethene Trichloroethene	75014_A 1330207 7440360 7440382 7440393 W 18540299 VI 7439965_NF 7459976 83329 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106445 111444 117817 86748 621647 87865 71506 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75092 75092 100414 127184 108883 79016	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-01 4.00E-03 4.00E-01 4.00E-01 4.00E-03 4.00E-02 4.00E-01	2E-01 3E-04 4E-00 3E-04 4E-00 3E-04	3.49E-03	7.20E-01	5E 5E 5E 5E 5E 5E 5E 5E	
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzola planthracene Benzola plyrene Luoranthene Fluoranthene Fluoranthene Fluorene Benzola plyrene Arcolor-1260 1,4-Dichloroethene 1,2-Eithylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane Ly-Dichloroethene Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Ethylbenzene Ettylbenzene Tetrachloroethene Ethylbenzene Tetrachloroethene Toluene	75014_A 1330207 7440360 7440382 7440393_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 206440 1198625 106467 606202 634521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 106414	3.63E-02 6.95E-02 5.61E-02 5.6	9.78E-03	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E-01	3.49E-03	7.20E-01	SE SE	

		Duseu	on RME As	sumpuons					
AOI	Chemical	CAS Number	Cgw	No	ncancer Risk		C	ancer Risk	
			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	Risk
OI SPRR5	Antimony	7440360		9.78E-03	4.00E-04		3.49E-03		_
IOI SI KKS	Arsenic	7440380	3.00E-03	9.78E-03	3.00E-04	1E-01	3.49E-03	1.50E+00	2E-0
	Barium	7440393	1.49E-01	9.78E-03	7.00E-02	2E-02	3.49E-03		
	Cadmium	7440439_W	7.70E-04	9.78E-03	5.00E-04	2E-02	3.49E-03		
	Chromium	18540299_VI	1.40E-03	9.78E-03	3.00E-03	5E-03	3.49E-03		
	Manganese	7439965_NF		9.78E-03	2.00E-02		3.49E-03		
	Mercury	7439976	ND	9.78E-03	3.00E-04		3.49E-03		
	Selenium	7782492	5.00E-03	9.78E-03	5.00E-03	1E-02	3.49E-03		
	Silver	7440224	ND	9.78E-03	5.00E-03		3.49E-03		
	2-Methylnaphthalene	91576	ND	9.78E-03	2.00E-02		3.49E-03		
	Acenaphthene	83329	ND	9.78E-03	6.00E-02		3.49E-03		
	Benzo[a]anthracene	56553	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-02	
	Chrysene	218019	ND	9.78E-03	2.00E-02		3.49E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	9.78E-03	2.00E-02		3.49E-03	7.30E+00	-
	Dibenzofuran	132649		9.78E-03	4.00E-03		3.49E-03	7.501.00	
	Fluoranthene	206440	ND	9.78E-03	4.00E-02		3.49E-03		
	Fluorene	86737	ND						
			ND ND	9.78E-03	4.00E-02		3.49E-03	7.20F.01	
	Indeno[1,2,3-c,d]pyrene	193395		9.78E-03	2.00E-02		3.49E-03	7.30E-01	
	Naphthalene	91203	ND	9.78E-03	2.00E-02		3.49E-03		
	Phenanthrene	85018	ND	9.78E-03	2.00E-02		3.49E-03		
	Pyrene	129000	ND	9.78E-03	3.00E-02		3.49E-03		
	Aroclor-1260	11096825		9.78E-03	2.00E-05		3.49E-03	2.00E+00	-
	1,4-Dichlorobenzene	106467	ND	9.78E-03	3.00E-02		3.49E-03	2.40E-02	-
	2,6-Dinitrotoluene	606202	ND	9.78E-03	1.00E-03		3.49E-03	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	ND	9.78E-03	1.00E-04		3.49E-03		-
	4-Methylphenol (p-Cresol)	106445	ND	9.78E-03	5.00E-03		3.49E-03		-
	bis(2-Chloroethyl)ether	111444	ND	9.78E-03			3.49E-03	1.10E+00	-
	bis(2-Ethylhexyl)phthalate	117817	ND	9.78E-03	2.00E-02		3.49E-03	1.40E-02	-
	Carbazole	86748	ND	9.78E-03			3.49E-03	2.00E-02	-
	n-Nitrosodipropylamine	621647	ND	9.78E-03			3.49E-03	7.00E+00	-
	Pentachlorophenol (PCP)	87865	ND	9.78E-03	3.00E-02		3.49E-03	1.20E-01	-
	1,1,1-Trichloroethane	71556	4.00E-03	9.78E-03	2.80E-01	1E-04	3.49E-03		-
	1.1.2-Trichloroethane	79005	ND	9.78E-03	4.00E-03		3.49E-03	5.70E-02	_
	1,1-Dichloroethane	75343	8.61E-02	9.78E-03	1.00E-01	8E-03	3.49E-03		_
	1,2,3-Trichloropropane	96184	ND	9.78E-03	6.00E-03		3.49E-03	2.00E+00	_
	1.2-Dichloroethane	107062	ND	9.78E-03	3.00E-02		3.49E-03	9.10E-02	_
	1,2-Dichloroethene	540590	6.09E-02	9.78E-03	9.00E-02	7E-02	3.49E-03	7.10L-02	-
	Acetone	67641	6.00E-03	9.78E-03	1.00E-01	6E-04	3.49E-03		_
		71432	6.05E-01	9.78E-03 9.78E-03	3.00E-01	2E+00	3.49E-03 3.49E-03	5.50E-02	IE-
	Benzene								
	Chlorodibromomethane	124481	ND	9.78E-03	2.00E-02		3.49E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	9.78E-03	4.00E-01		3.49E-03	2.90E-03	-
	Chloromethane (Methyl chloride)	74873	ND	9.78E-03		 2E 02	3.49E-03	1.30E-02	-
	cis-1,2-Dichloroethene	156592	3.03E-03	9.78E-03	1.00E-02	3E-03	3.49E-03		
	Dichloromethane	75092	2.96E-02	9.78E-03	6.00E-02	5E-03	3.49E-03	7.50E-03	8E-
	Ethylbenzene	100414	9.45E-01	9.78E-03	1.00E-01	9E-02	3.49E-03		-
	Tetrachloroethene	127184	2.00E-03	9.78E-03	1.00E-02	2E-03	3.49E-03	5.20E-02	4E-
	Toluene	108883	2.47E+00	9.78E-03	2.00E-01	1E-01	3.49E-03		-
	Trichloroethene	79016	ND	9.78E-03	3.00E-04		3.49E-03	1.10E-02	
	Vinyl Chloride	75014_A	9.47E-02	9.78E-03	3.00E-03	3E-01	3.49E-03	7.20E-01	2E-
	Xylenes (Total)	1330207	7.90E+00	9.78E-03	2.00E+00	4E-02	3.49E-03		-
					Total	3E+00		Total	4E-

APPENDIX E.3 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR

Based on CTE Assumptions

		1	Based on CT	E Assumptions	S .				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 1	2-Methylnaphthalene	91576	2.25E-03	8.57E-02	2.00E-02	1E-02	6.12E-03		
	Acenaphthene	83329	ND	8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	ND	8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000	ND	8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592		8.57E-02	1.00E-02		6.12E-03	3.30E 03	
	Dichloromethane	75092	1.85E-03	8.57E-02	8.60E-01	2E-04	6.12E-03	1.65E-03	2E-08
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03	1.00E-02	
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	ND	8.57E-02 8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	ND	8.57E-02 8.57E-02	2.00E+00		6.12E-03	1.50E-02	
	Aylenes (Total)	1330207	ND	0.57E-02	Total	1E-02	0.12E-03	Total	2E-08
AOI 12	2-Methylnaphthalene	91576	ND	8.57E-02	2.00E-02		6.12E-03		
	Acenaphthene	83329	ND	8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	ND	8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000	5.00E-05	8.57E-02	3.00E-02	1E-04	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	5.00E-04	8.57E-02	4.00E-03	1E-02	6.12E-03	5.60E-02	2E-07
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	ND	8.57E-02	8.60E-01		6.12E-03	1.65E-03	
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03		
	, ,				Total	1E-02		Total	2E-07
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APPENDIX E.3 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR

Based on CTE Assumptions

		Ì	Based on CT	E Assumption	S				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 13	2-Methylnaphthalene	91576	6.50E-01	8.57E-02	2.00E-02	3E+00	6.12E-03		
	Acenaphthene	83329	3.11E-03	8.57E-02	6.00E-02	4E-03	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	4.58E-03	8.57E-02	4.00E-02	1E-02	6.12E-03		
	Naphthalene	91203	3.82E-02	8.57E-02	9.00E-04	4E+00	6.12E-03		
	Pyrene	129000	2.48E-03	8.57E-02	3.00E-02	7E-03	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03	3.00E 02	
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	1.00E-03	8.57E-02	1.00E-01	9E-04	6.12E-03		
	Benzene	71432	1.24E-02	8.57E-02	1.70E-03	6E-01	6.12E-03	2.90E-02	2E-06
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592		8.57E-02 8.57E-02	1.00E-02		6.12E-03	3.30E-03	
	Dichloromethane	75092	2.42E-03	8.57E-02	8.60E-01	2E-04	6.12E-03	1.65E-03	2E-08
	Ethylbenzene	100414	1.34E-02	8.57E-02	2.90E-01	4E-03	6.12E-03	3.85E-03	3E-07
	Tetrachloroethene	127184	9.50E-04	8.57E-02	1.40E-01	6E-04	6.12E-03	1.00E-02	6E-08
	Toluene	108883	1.30E-04	8.57E-02	1.14E-01	1E-03	6.12E-03	1.00E-02	
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	_	7.36E-03	8.57E-02	2.00E+00	3E-04	6.12E-03	1.50L-02	
	Aylelles (Total)	1330207	7.30E-03	6.57E-02	Total	7E+00	0.12E-03	Total	3E-06
AOI 18	2-Methylnaphthalene Acenaphthene	91576 83329	ND ND	8.57E-02 8.57E-02	2.00E-02 6.00E-02	 	6.12E-03 6.12E-03	 	
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	ND	8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203	1.50E-04	8.57E-02	9.00E-04	1E-02	6.12E-03		
	Pyrene	129000	ND	8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	3.10E-02	8.57E-02	6.30E-01	4E-03	6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	5.00E-04	8.57E-02	1.40E-01	3E-04	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03	3.30E-03	
	Dichloromethane	75092	4.97E-04	8.57E-02	8.60E-01	5E-05	6.12E-03	1.65E-03	5E-09
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01	JL-03	6.12E-03	3.85E-03	JE-07
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03	1.50E-02	
	, (10)	1550207	.,,,	0.5711 02	Total	2E-02	JL 0J	Total	5E-09
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APPENDIX E.3 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR Based on Carr

		1	Based on CT	E Assumptions	,				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 19	2-Methylnaphthalene	91576	1.00E-03	8.57E-02	2.00E-02	4E-03	6.12E-03		
	Acenaphthene	83329	4.00E-04	8.57E-02	6.00E-02	6E-04	6.12E-03		
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	5.00E-04	8.57E-02	4.00E-02	1E-03	6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000	ND	8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	ND	8.57E-02	8.60E-01		6.12E-03	1.65E-03	
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03		
					Total	6E-03		Total	
AOI 20	2-Methylnaphthalene	91576	3.29E-03	8.57E-02	2.00E-02	1E-02	6.12E-03		
	Acenaphthene	83329	1.50E-03	8.57E-02	6.00E-02	2E-03	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	7.50E-04	8.57E-02	4.00E-02	2E-03	6.12E-03		
	Naphthalene	91203	6.50E-04	8.57E-02	9.00E-04	6E-02	6.12E-03		
	Pyrene	129000	2.50E-05	8.57E-02	3.00E-02	7E-05	6.12E-03		
	1,4-Dichlorobenzene	106467	2.00E-04	8.57E-02	2.29E-01	7E-05	6.12E-03	2.20E-02	3E-08
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	3.73E-03	8.57E-02	1.00E-01	3E-03	6.12E-03		
	Benzene	71432	3.00E-04	8.57E-02	1.70E-03	2E-02	6.12E-03	2.90E-02	5E-08
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	7.00E-04	8.57E-02	8.60E-01	7E-05	6.12E-03	1.65E-03	7E-09
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	8.00E-04	8.57E-02	1.14E-01	6E-04	6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A	3.00E-04	8.57E-02	2.80E-02	9E-04	6.12E-03	1.50E-02	3E-08
	Xylenes (Total)	1330207	5.00E-04	8.57E-02	2.00E+00	2E-05	6.12E-03		
					Total	1E-01		Total	1E-07

APPENDIX E.3 DETAILED RISK CALCULATION TABLES FOR ON-YARD WORKERS FROM INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR

Based on CTE Assumptions

		1	Based on CT	E Assumptions	5				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 21	2-Methylnaphthalene	91576	2.24E-03	8.57E-02	2.00E-02	1E-02	6.12E-03		
	Acenaphthene	83329	1.55E-03	8.57E-02	6.00E-02	2E-03	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	1.76E-03	8.57E-02	4.00E-02	4E-03	6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000	2.00E-03	8.57E-02	3.00E-02	6E-03	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	5.78E-02	8.57E-02	9.00E-03	6E-01	6.12E-03		
	Acetone	67641	1.20E-03	8.57E-02	1.00E-01	1E-03	6.12E-03		
	Benzene	71432	2.12E-03	8.57E-02	1.70E-03	1E-01	6.12E-03	2.90E-02	4E-07
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	1.96E-03	8.57E-02	2.60E-02	6E-03	6.12E-03	3.50E-03	4E-08
	cis-1,2-Dichloroethene	156592	6.00E-02	8.57E-02	1.00E-02	5E-01	6.12E-03	3.30E-03	
	Dichloromethane	75092	ND	8.57E-02	8.60E-01	JL-01 	6.12E-03	1.65E-03	
	Ethylbenzene	100414	2.50E-04	8.57E-02	2.90E-01	7E-05	6.12E-03	3.85E-03	6E-09
	Tetrachloroethene	127184	2.50E-04 ND	8.57E-02 8.57E-02	1.40E-01	/E-03	6.12E-03	1.00E-02	
	Toluene	108883	1.71E-03	8.57E-02 8.57E-02	1.14E-01	1E-03	6.12E-03	1.00E-02	
	Trichloroethene	79016	2.74E-03	8.57E-02	1.00E-02	2E-02	6.12E-03	6.00E-03	1E-07
	Vinyl Chloride	75014_A	2.54E-02 5.00E-04	8.57E-02	2.80E-02	8E-02	6.12E-03	1.50E-02	2E-06
	Xylenes (Total)	1330207	3.00E-04	8.57E-02	2.00E+00 Total	2E-05 1E+00	6.12E-03	 Total	 3E-06
AOI 22A	2-Methylnaphthalene	91576	7.38E-03	8.57E-02	2.00E-02	3E-02	6.12E-03		
AOI 22A	Acenaphthene	83329	2.47E-03	8.57E-02 8.57E-02	6.00E-02	4E-03	6.12E-03		
	Dibenzofuran	132649	4.70E-03		4.00E-03	1E-01			
	Fluorene			8.57E-02		7E-03	6.12E-03		
		91203	3.42E-03	8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	129000	1.21E-03	8.57E-02	9.00E-04	1E-01 5E-03	6.12E-03		
	Pyrene		1.73E-03	8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02	 (20E 01	 2E 02	6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	1.31E-01	8.57E-02	6.30E-01	2E-02	6.12E-03	 5 (OF 02	 5E 07
	1,1,2-Trichloroethane	79005	1.50E-03	8.57E-02	4.00E-03	3E-02	6.12E-03	5.60E-02	5E-07
	1,1-Dichloroethane		1.00E+00	8.57E-02	1.40E-01	6E-01	6.12E-03	2.005+00	 OF 05
	1,2,3-Trichloropropane	96184	7.50E-03	8.57E-02	1.40E-03	5E-01	6.12E-03	2.00E+00	9E-05
	1,2-Dichloroethane	107062	1.00E-03	8.57E-02	1.40E-03	6E-02	6.12E-03	9.10E-02	6E-07
	1,2-Dichloroethene		1.85E+00	8.57E-02	9.00E-03	2E+01	6.12E-03		
	Acetone		6.50E-03	8.57E-02	1.00E-01	6E-03	6.12E-03		
	Benzene		5.91E-03	8.57E-02	1.70E-03	3E-01	6.12E-03	2.90E-02	1E-06
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	8.50E-02	8.57E-02	2.90E+00	3E-03	6.12E-03	2.90E-03	2E-06
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene		1.85E+00	8.57E-02	1.00E-02	2E+01	6.12E-03		
	Dichloromethane	75092	7.50E-04	8.57E-02	8.60E-01	7E-05	6.12E-03	1.65E-03	8E-09
	Ethylbenzene	100414	5.15E-03	8.57E-02	2.90E-01	2E-03	6.12E-03	3.85E-03	1E-07
	Tetrachloroethene	127184	3.50E-04	8.57E-02	1.40E-01	2E-04	6.12E-03	1.00E-02	2E-08
	Toluene	108883	2.45E-03	8.57E-02	1.14E-01	2E-03	6.12E-03		
	Trichloroethene	79016		8.57E-02	1.00E-02	2E-02	6.12E-03	6.00E-03	7E-08
	Vinyl Chloride	75014_A	1.15E+00	8.57E-02	2.80E-02	4E+00	6.12E-03	1.50E-02	1E-04
	Xylenes (Total)	1330207	3.50E-03	8.57E-02	2.00E+00	2E-04	6.12E-03		
					Total	4E+01		Total	2E-04

	Based on CTE Assumptions								
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 22B	2-Methylnaphthalene	91576	ND	8.57E-02	2.00E-02		6.12E-03		
	Acenaphthene	83329	1.15E-03	8.57E-02	6.00E-02	2E-03	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	5.00E-04	8.57E-02	4.00E-02	1E-03	6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04	 4E-04	6.12E-03		
	Pyrene	129000	1.50E-04	8.57E-02	3.00E-02	4E-04	6.12E-03		
	1,4-Dichlorobenzene	106467	2.20E-03	8.57E-02	2.29E-01	8E-04	6.12E-03	2.20E-02	3E-07
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02	 (20E 01		6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03	 5 (OF 02	
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343 96184	ND ND	8.57E-02 8.57E-02	1.40E-01 1.40E-03		6.12E-03 6.12E-03	2.00E+00	
	1,2,3-Trichloropropane 1,2-Dichloroethane	107062	ND	8.57E-02 8.57E-02	1.40E-03 1.40E-03			9.10E-02	
	1,2-Dichloroethene	540590	5.85E-02	8.57E-02 8.57E-02	9.00E-03	6E-01	6.12E-03 6.12E-03	9.10E-02	
	Acetone	67641	5.85E-02 5.85E-03	8.57E-02 8.57E-02	1.00E-01	5E-03	6.12E-03		
	Benzene	71432	3.50E-03	8.57E-02 8.57E-02	1.70E-03	2E-02	6.12E-03	2.90E-02	6E-08
	Chlorodibromomethane	124481	ND	8.57E-02 8.57E-02	2.00E-02	ZE-02	6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-02	8.57E-02	1.00E-02	1E-01	6.12E-03	3.30E-03	
	Dichloromethane	75092	1.15E-03	8.57E-02 8.57E-02	8.60E-01	1E-01	6.12E-03	1.65E-03	1E-08
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	1.62E-03	8.57E-02	1.00E-02	1E-02	6.12E-03	6.00E-03	6E-08
	Vinyl Chloride	75014_A	1.71E-01	8.57E-02	2.80E-02	5E-01	6.12E-03	1.50E-02	2E-05
	Xylenes (Total)	1330207	7.00E-04	8.57E-02	2.00E+00	3E-05	6.12E-03		
	,				Total	1E+00		Total	2E-05
AOI 26	2-Methylnaphthalene	91576	4.86E-03	8.57E-02	2.00E-02	2E-02	6.12E-03		
	Acenaphthene	83329	4.02E-03	8.57E-02	6.00E-02	6E-03	6.12E-03		
	Dibenzofuran	132649	2.68E-03	8.57E-02	4.00E-03	6E-02	6.12E-03		
	Fluorene	86737	4.57E-03	8.57E-02	4.00E-02	1E-02	6.12E-03		
	Naphthalene	91203	3.85E-03	8.57E-02	9.00E-04	4E-01	6.12E-03		
	Pyrene	129000	4.05E-03	8.57E-02	3.00E-02	1E-02	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	9.00E-04	8.57E-02	9.00E-03	9E-03	6.12E-03		
	Acetone	67641	3.60E-03	8.57E-02	1.00E-01	3E-03	6.12E-03		
	Benzene	71432	6.00E-04	8.57E-02	1.70E-03	3E-02	6.12E-03	2.90E-02	1E-07
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	5.00E-04	8.57E-02	1.00E-02	4E-03	6.12E-03		
	Dichloromethane	75092	8.50E-04	8.57E-02	8.60E-01	8E-05	6.12E-03	1.65E-03	9E-09
	Ethylbenzene	100414	1.20E-03	8.57E-02	2.90E-01	4E-04	6.12E-03	3.85E-03	3E-08
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	7.00E-04	8.57E-02	1.14E-01	5E-04	6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02	 0E.02	6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A	2.68E-03	8.57E-02	2.80E-02	8E-03	6.12E-03	1.50E-02	2E-07
	Xylenes (Total)	1330207	1.88E-03	8.57E-02	2.00E+00	8E-05	6.12E-03	Total	4E 07
					Total	5E-01		Total	4E-07

		1	Based on CT	E Assumptions	5				
AOI	Chemical	CAS Number	Cair	_	Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 27	2-Methylnaphthalene	91576	ND	8.57E-02	2.00E-02		6.12E-03		
	Acenaphthene	83329	ND	8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	1.50E-04	8.57E-02	4.00E-02	3E-04	6.12E-03		
	Naphthalene	91203	1.00E-04	8.57E-02	9.00E-04	1E-02	6.12E-03		
	Pyrene	129000	ND	8.57E-02 8.57E-02	3.00E-04 3.00E-02	TE-02	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02 8.57E-02	2.29E-01			2.20E-02	
	*						6.12E-03		
	bis(2-Chloroethyl)ether	111444	5.00E-04	8.57E-02	 (20E 01		6.12E-03	1.10E+00	3E-06
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03	 5 (OF 02	
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	1.43E-03	8.57E-02	9.00E-03	1E-02	6.12E-03		
	Acetone	67641	5.50E-03	8.57E-02	1.00E-01	5E-03	6.12E-03		
	Benzene	71432	4.00E-04	8.57E-02	1.70E-03	2E-02	6.12E-03	2.90E-02	7E-08
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-03	8.57E-02	1.00E-02	1E-02	6.12E-03		
	Dichloromethane	75092	7.50E-04	8.57E-02	8.60E-01	7E-05	6.12E-03	1.65E-03	8E-09
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	1.55E-03	8.57E-02	1.00E-02	1E-02	6.12E-03	6.00E-03	6E-08
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03		
	, (,				Total	7E-02		Total	4E-06
AOI 30	2-Methylnaphthalene Acenaphthene Dibenzofuran	91576 83329 132649	3.04E-01 4.62E-02 2.05E-02	8.57E-02 8.57E-02 8.57E-02	2.00E-02 6.00E-02 4.00E-03	1E+00 7E-02 4E-01	6.12E-03 6.12E-03 6.12E-03	 	
	Fluorene		5.72E-02	8.57E-02	4.00E-02	1E-01	6.12E-03		
	Naphthalene	91203	3.26E-02	8.57E-02	9.00E-04	3E+00	6.12E-03		
	Pyrene	129000	2.13E-02	8.57E-02	3.00E-02	6E-02	6.12E-03		
	1,4-Dichlorobenzene	106467	1.50E-03	8.57E-02	2.29E-01	6E-04	6.12E-03	2.20E-02	2E-07
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	4.50E-03	8.57E-02	1.40E-03	3E-01	6.12E-03	2.00E+00	6E-05
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	3.16E-02	8.57E-02	9.00E-03	3E-01	6.12E-03		
	Acetone		8.23E-03	8.57E-02	1.00E-01	7E-03	6.12E-03		
	Benzene	71432	3.98E-03	8.57E-02	1.70E-03	2E-01	6.12E-03	2.90E-02	7E-07
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.23E-03	8.57E-02	2.60E-02	1E-02	6.12E-03	3.50E-03	9E-08
	cis-1,2-Dichloroethene	156592	3.55E-02	8.57E-02	1.00E-02	3E-01	6.12E-03		
	Dichloromethane		3.28E-03	8.57E-02	8.60E-01	3E-04	6.12E-03	1.65E-03	3E-08
	Ethylbenzene	100414	1.60E-03	8.57E-02	2.90E-01	5E-04	6.12E-03	3.85E-03	4E-08
	Tetrachloroethene	127184	3.52E-03	8.57E-02	1.40E-01	2E-03	6.12E-03	1.00E-02	2E-07
	Toluene	108883	1.55E-03	8.57E-02	1.14E-01	1E-03	6.12E-03		
	Trichloroethene	79016	1.25E-03	8.57E-02	1.00E-02	1E-02	6.12E-03	6.00E-03	5E-08
	Vinyl Chloride	75014 A	1.43E-01	8.57E-02	2.80E-02	4E-01	6.12E-03	1.50E-02	1E-05
	Xylenes (Total)	1330207		8.57E-02	2.00E+00	1E-04	6.12E-03	1.50L-02	
	11,10100 (1001)	1550207	2.70L-03	0.5711-02	Total	7E+00	0.121-03	Total	7E-05
					ı Otai	712100		1 otai	11100

		1	Based on CT	E Assumptions	5				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 32	2-Methylnaphthalene	91576	7.77E-03	8.57E-02	2.00E-02	3E-02	6.12E-03		
	Acenaphthene	83329	1.65E-03	8.57E-02	6.00E-02	2E-03	6.12E-03		
	Dibenzofuran	132649	6.00E-04	8.57E-02	4.00E-03	1E-02	6.12E-03		
	Fluorene	86737	1.70E-03	8.57E-02	4.00E-02	4E-03	6.12E-03		
	Naphthalene	91203	2.60E-03	8.57E-02	9.00E-04	2E-01	6.12E-03		
	Pyrene	129000	2.80E-03	8.57E-02	3.00E-02	8E-03	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	1.22E-03	8.57E-02	9.00E-03	1E-02	6.12E-03		
	Acetone	67641	5.00E+00	8.57E-02	1.00E-01	4E+00	6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.19E-03	8.57E-02	2.60E-02	1E-02	6.12E-03	3.50E-03	9E-08
	cis-1,2-Dichloroethene	156592	7.25E-04	8.57E-02	1.00E-02	6E-03	6.12E-03	3.30E-03	
	Dichloromethane	75092	8.01E-01	8.57E-02	8.60E-01	8E-02	6.12E-03	1.65E-03	8E-06
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01	 	6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	8.00E-04	8.57E-02	1.14E-01	6E-04	6.12E-03	1.00E-02	
	Trichloroethene	79016	ND	8.57E-02 8.57E-02	1.00E-02	OE-04	6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A	4.08E-03	8.57E-02	2.80E-02	1E-02	6.12E-03	1.50E-02	4E-07
	Xylenes (Total)		1.30E-03	8.57E-02 8.57E-02	2.00E+00	6E-05	6.12E-03	1.50E-02	4E-07
	Aylelles (Total)	1330207	1.30L-03	6.57E-02	Total	5E+00	0.1215-03	Total	9E-06
AOI 33	2-Methylnaphthalene	91576	1.18E-01	8.57E-02	2.00E-02	5E-01	6.12E-03		
	Acenaphthene	83329	1.20E-01	8.57E-02	6.00E-02	2E-01	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	3.84E-02	8.57E-02	4.00E-02	8E-02	6.12E-03		
	Naphthalene	91203	2.75E+00	8.57E-02	9.00E-04	3E+02	6.12E-03		
	Pyrene	129000	6.08E-03	8.57E-02	3.00E-02	2E-02	6.12E-03		
	1,4-Dichlorobenzene	106467	2.00E-04	8.57E-02	2.29E-01	7E-05	6.12E-03	2.20E-02	3E-08
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	6.99E-04	8.57E-02	4.00E-03	1E-02	6.12E-03	5.60E-02	2E-07
	1,1-Dichloroethane	75343	6.79E-04	8.57E-02	1.40E-01	4E-04	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	8.74E-03	8.57E-02	1.00E-01	7E-03	6.12E-03		
	Benzene	71432	3.29E-02	8.57E-02	1.70E-03	2E+00		2.90E-02	6E-06
	Chlorodibromomethane		6.97E-04	8.57E-02	2.00E-02	3E-03	6.12E-03	8.40E-02	4E-07
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	6.21E-04	8.57E-02	8.60E-01	6E-05	6.12E-03	1.65E-03	6E-09
	Ethylbenzene	100414	8.74E-01	8.57E-02	2.90E-01	3E-01	6.12E-03	3.85E-03	2E-05
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	1.69E-02	8.57E-02	1.14E-01	1E-02	6.12E-03		
	Trichloroethene	79016	5.00E-04	8.57E-02	1.00E-02	4E-03	6.12E-03	6.00E-03	2E-08
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	1.06E-01	8.57E-02	2.00E+00	5E-03	6.12E-03		
	-				Total	3E+02		Total	3E-05

		1	Based on CT	E Assumptions	5				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 34	2-Methylnaphthalene	91576	4.49E-03	8.57E-02	2.00E-02	2E-02	6.12E-03		
	Acenaphthene	83329	1.43E-03	8.57E-02	6.00E-02	2E-03	6.12E-03		
	Dibenzofuran	132649	2.84E-03	8.57E-02	4.00E-03	6E-02	6.12E-03		
	Fluorene	86737	1.64E-03	8.57E-02	4.00E-02	4E-03	6.12E-03		
	Naphthalene	91203	1.56E-03	8.57E-02	9.00E-04	1E-01	6.12E-03		
	Pyrene	129000	5.50E-04	8.57E-02	3.00E-02	2E-03	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	1.70E-03	8.57E-02	6.30E-01	2E-04	6.12E-03		
	1,1,2-Trichloroethane	79005	4.00E-04	8.57E-02	4.00E-03	9E-03	6.12E-03	5.60E-02	1E-07
	1,1-Dichloroethane	75343	1.43E-01	8.57E-02	1.40E-01	9E-02	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	3.00E-04	8.57E-02	1.40E-03	2E-02	6.12E-03	9.10E-02	2E-07
	1,2-Dichloroethene	540590	8.45E-03	8.57E-02	9.00E-03	8E-02	6.12E-03		
	Acetone	67641	1.05E-02	8.57E-02	1.00E-01	9E-03	6.12E-03		
	Benzene	71432	1.87E-03	8.57E-02	1.70E-03	9E-02	6.12E-03	2.90E-02	3E-07
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02)L-02	6.12E-03	8.40E-02	JL-07
	Chloroethane (Ethyl chloride)	75003	8.59E-03	8.57E-02	2.90E+00	3E-04	6.12E-03	2.90E-03	2E-07
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02	JL-04 	6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	6.51E-03	8.57E-02	1.00E-02	6E-02	6.12E-03	3.30E 03	
	Dichloromethane	75092	1.67E-03	8.57E-02	8.60E-01	2E-04	6.12E-03	1.65E-03	2E-08
	Ethylbenzene	100414	1.50E-03	8.57E-02	2.90E-01	4E-04	6.12E-03	3.85E-03	4E-08
	Tetrachloroethene	127184	1.82E-03	8.57E-02	1.40E-01	1E-03	6.12E-03	1.00E-02	1E-07
	Toluene	108883	1.55E-03	8.57E-02	1.14E-01	1E-03	6.12E-03		
	Trichloroethene	79016	1.67E-03	8.57E-02	1.00E-02	1E-02	6.12E-03	6.00E-03	6E-08
	Vinyl Chloride	75014 A	9.60E-02	8.57E-02	2.80E-02	3E-01	6.12E-03	1.50E-02	9E-06
	Xylenes (Total)	_	2.22E-03	8.57E-02	2.00E+00	1E-04	6.12E-03		
	Aylenes (Total)	1330207	2.22L-03	0.57E-02	Total	9E-01	0.121-03	Total	1E-05
AOI 35	2-Methylnaphthalene	91576	1.85E-02	8.57E-02	2.00E-02	8E-02	6.12E-03		
	Acenaphthene	83329	2.00E-03	8.57E-02	6.00E-02	3E-03	6.12E-03		
	Dibenzofuran	132649	ND	8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	2.00E-03	8.57E-02	4.00E-02	4E-03	6.12E-03		
	Naphthalene	91203	5.00E-05	8.57E-02	9.00E-04	5E-03	6.12E-03		
	Pyrene	129000	1.00E-04	8.57E-02	3.00E-02	3E-04	6.12E-03		
	1,4-Dichlorobenzene	106467	1.50E-04	8.57E-02	2.29E-01	6E-05	6.12E-03	2.20E-02	2E-08
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	4.41E-03	8.57E-02	1.40E-01	3E-03	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03	 	6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	7.00E-04	8.57E-02	9.00E-03	7E-03	6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	7.70E-04	8.57E-02	8.60E-01	8E-05	6.12E-03	1.65E-03	8E-09
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A	2.15E-03	8.57E-02	2.80E-02	7E-03	6.12E-03	1.50E-02	2E-07
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03		
					Total	1E-01		Total	2E-07

		1	Based on CT	E Assumptions	S .				
AOI	Chemical	CAS Number	Cair	_	Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 36	2-Methylnaphthalene	91576	ND	8.57E-02	2.00E-02		6.12E-03		
	Acenaphthene	83329	ND	8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737	ND	8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203	ND	8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000	5.00E-05	8.57E-02	3.00E-02	1E-04	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02 8.57E-02	2.27L-01 		6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02 8.57E-02	6.30E-01		6.12E-03	1.10E±00	
		79005	ND					5.60E-02	
	1,1,2-Trichloroethane 1,1-Dichloroethane	75343	1.89E-03	8.57E-02 8.57E-02	4.00E-03 1.40E-01	1E-03	6.12E-03 6.12E-03	3.60E-02	
	,	96184						2.00E+00	
	1,2,3-Trichloropropane		ND	8.57E-02	1.40E-03		6.12E-03		
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03	 1E 02	6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	1.49E-03	8.57E-02	9.00E-03	1E-02	6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	7.72E-04	8.57E-02	1.00E-02	7E-03	6.12E-03		
	Dichloromethane	75092	5.75E-04	8.57E-02	8.60E-01	6E-05	6.12E-03	1.65E-03	6E-09
	Ethylbenzene	100414	ND	8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	ND	8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	1.92E-03	8.57E-02	2.80E-02	6E-03	6.12E-03	1.50E-02	2E-07
	Xylenes (Total)	1330207	ND	8.57E-02	2.00E+00		6.12E-03		
					Total	3E-02		Total	2E-07
AOI 37	2-Methylnaphthalene Acenaphthene	91576 83329	8.50E-02 9.53E-03	8.57E-02 8.57E-02	2.00E-02 6.00E-02	4E-01 1E-02	6.12E-03 6.12E-03	 	
	Dibenzofuran	132649	9.33E-03 1.08E-02		4.00E-02	2E-01	6.12E-03 6.12E-03		
			1.08E-02 1.78E-02	8.57E-02					
	Fluorene			8.57E-02	4.00E-02	4E-02	6.12E-03		
	Naphthalene	91203	2.15E-03	8.57E-02	9.00E-04	2E-01	6.12E-03		
	Pyrene	129000	1.86E-03	8.57E-02	3.00E-02	5E-03	6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	8.57E-02	6.30E-01		6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	ND	8.57E-02	1.40E-01		6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	8.57E-02	9.00E-03		6.12E-03		
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene	71432	ND	8.57E-02	1.70E-03		6.12E-03	2.90E-02	
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592		8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092	6.50E-04	8.57E-02	8.60E-01	6E-05	6.12E-03	1.65E-03	7E-09
	Ethylbenzene	100414	3.25E-03	8.57E-02	2.90E-01	1E-03	6.12E-03	3.85E-03	8E-08
	Tetrachloroethene	127184	ND	8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883	1.95E-03	8.57E-02	1.14E-01	1E-03	6.12E-03		
	Trichloroethene	79016	ND	8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014 A	ND	8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207	1.30E-02	8.57E-02	2.00E+00	6E-04	6.12E-03	1.50E-02	
	11,101100 (10001)	1550207	1.501-02	0.57L-02	Total	9E-01	0.121-03	Total	8E-08
					ı Otai)L-01		1 otal	0L-00

		I	Based on CT	E Assumptions	5				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 38	2-Methylnaphthalene	91576	3.25E-01	8.57E-02	2.00E-02	1E+00	6.12E-03		
	Acenaphthene	83329	7.27E-03	8.57E-02	6.00E-02	1E-02	6.12E-03		
	Dibenzofuran	132649	3.34E-02	8.57E-02	4.00E-03	7E-01	6.12E-03		
	Fluorene	86737	9.01E-03	8.57E-02	4.00E-02	2E-02	6.12E-03		
	Naphthalene	91203	3.86E-02	8.57E-02	9.00E-04	4E+00	6.12E-03		
	Pyrene	129000	5.06E-03	8.57E-02	3.00E-02	1E-02	6.12E-03		
	1,4-Dichlorobenzene	106467	6.89E-03	8.57E-02	2.29E-01	3E-03	6.12E-03	2.20E-02	9E-07
	bis(2-Chloroethyl)ether	111444	ND	8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	1.59E-01	8.57E-02	6.30E-01	2E-02	6.12E-03		
	1,1,2-Trichloroethane	79005	1.54E-03	8.57E-02	4.00E-03	3E-02	6.12E-03	5.60E-02	5E-07
	1,1-Dichloroethane	75343	6.51E-02	8.57E-02	1.40E-01	4E-02	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	5.00E-04	8.57E-02	1.40E-03	3E-02	6.12E-03	9.10E-02	3E-07
	1,2-Dichloroethene	540590	2.19E-01	8.57E-02	9.00E-03	2E+00	6.12E-03	7.10E 02	JE 07
	Acetone	67641	3.29E-03	8.57E-02	1.00E-01	3E-03	6.12E-03		
	Benzene	71432	5.01E-03	8.57E-02	1.70E-03	3E-01	6.12E-03	2.90E-02	9E-07
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02	JE 01	6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.57E-02	8.57E-02	2.90E+00	5E-04	6.12E-03	2.90E-03	3E-07
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02	2.60E-02	3L-04	6.12E-03	3.50E-03	JL-07
	cis-1,2-Dichloroethene	156592	3.62E-01	8.57E-02	1.00E-02	3E+00	6.12E-03	3.30E-03	
	Dichloromethane	75092	1.21E-03	8.57E-02	8.60E-01	1E-04	6.12E-03	1.65E-03	1E-08
	Ethylbenzene	100414	2.07E-02	8.57E-02	2.90E-01	6E-03	6.12E-03	3.85E-03	5E-07
	Tetrachloroethene	127184	1.70E-03	8.57E-02	1.40E-01	1E-03	6.12E-03	1.00E-02	1E-07
	Toluene	108883	6.86E-03	8.57E-02 8.57E-02	1.14E-01	5E-03	6.12E-03	1.00E-02	
	Trichloroethene	79016	1.81E-02	8.57E-02 8.57E-02	1.00E-02	2E-01	6.12E-03	6.00E-03	7E-07
	Vinyl Chloride	75014 A	3.47E-02	8.57E-02 8.57E-02	2.80E-02	1E-01	6.12E-03	1.50E-02	3E-06
	•	_	2.81E-02		2.00E+00	1E-01 1E-03	6.12E-03		
	Xylenes (Total)	1550207	2.01E-02	8.57E-02	Total	1E+01	0.12E-03	 Total	 7E-06
					Total	IL (UI		Total	/L-00
AOI SPRR3	2-Methylnaphthalene	91576		8.57E-02	2.00E-02		6.12E-03		
7101 51 1415	Acenaphthene	83329		8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737		8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203	1.80E-01	8.57E-02	9.00E-04	2E+01	6.12E-03		
	Pyrene	129000		8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467		8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444		8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	3.90E-02	8.57E-02	6.30E-01	5E-03	6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	1.45E-01	8.57E-02	1.40E-01	9E-02	6.12E-03	5.00E-02	
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-01	JL-02	6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	1.35E-01	8.57E-02	9.00E-03	1E+00	6.12E-03	7.10E-02	
	Acetone	67641	ND	8.57E-02	1.00E-01		6.12E-03		
	Benzene		2.60E-02	8.57E-02	1.70E-03	1E+00	6.12E-03	2.90E-02	5E-06
	Chlorodibromomethane	124481	ND	8.57E-02	2.00E-02		6.12E-03	8.40E-02	JL-00
	Chloroethane (Ethyl chloride)	75003	1.15E-01	8.57E-02	2.90E+00	3E-03	6.12E-03	2.90E-03	2E-06
	Chloromethane (Methyl chloride)	74873	ND	8.57E-02 8.57E-02	2.60E-02	JE-03	6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.35E-01	8.57E-02 8.57E-02	1.00E-02	1E+00	6.12E-03	5.50E-05	
	Dichloromethane	75092	4.80E-03		8.60E-01	5E-04			5E-08
			4.80E-03 7.50E-02	8.57E-02			6.12E-03	1.65E-03	
	Ethylbenzene Tetrachloroethene	100414		8.57E-02	2.90E-01	2E-02	6.12E-03	3.85E-03	2E-06
		127184	ND 6 00E 02	8.57E-02	1.40E-01	 5E 02	6.12E-03	1.00E-02	
	Toluene Trichloroothono	108883	6.00E-02	8.57E-02	1.14E-01	5E-02	6.12E-03	 6 00E 03	 2E 08
	Trichloroethene	79016	5.00E-04	8.57E-02	1.00E-02	4E-03	6.12E-03	6.00E-03	2E-08
	Vinyl Chloride	75014_A	1.65E-01	8.57E-02	2.80E-02	5E-01	6.12E-03	1.50E-02	2E-05
	Xylenes (Total)	1330207	4.65E-01	8.57E-02	2.00E+00	2E-02	6.12E-03	 Total	2E-05
					Total	2E+01		Total	2E-03

Rasada	on CTE	Assumptions

				E Assumptions					
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
-			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI SPRR5	2-Methylnaphthalene	91576	ND	8.57E-02	2.00E-02		6.12E-03		
	Acenaphthene	83329	ND	8.57E-02	6.00E-02		6.12E-03		
	Dibenzofuran	132649		8.57E-02	4.00E-03		6.12E-03		
	Fluorene	86737		8.57E-02	4.00E-02		6.12E-03		
	Naphthalene	91203		8.57E-02	9.00E-04		6.12E-03		
	Pyrene	129000		8.57E-02	3.00E-02		6.12E-03		
	1,4-Dichlorobenzene	106467	ND	8.57E-02	2.29E-01		6.12E-03	2.20E-02	
	bis(2-Chloroethyl)ether	111444		8.57E-02			6.12E-03	1.10E+00	
	1,1,1-Trichloroethane	71556	2.00E-03	8.57E-02	6.30E-01	3E-04	6.12E-03		
	1,1,2-Trichloroethane	79005	ND	8.57E-02	4.00E-03		6.12E-03	5.60E-02	
	1,1-Dichloroethane	75343	4.31E-02	8.57E-02	1.40E-01	3E-02	6.12E-03		
	1,2,3-Trichloropropane	96184	ND	8.57E-02	1.40E-03		6.12E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	8.57E-02	1.40E-03		6.12E-03	9.10E-02	
	1,2-Dichloroethene	540590	3.05E-02	8.57E-02	9.00E-03	3E-01	6.12E-03		
	Acetone	67641	3.00E-03	8.57E-02	1.00E-01	3E-03	6.12E-03		
	Benzene	71432	3.02E-01	8.57E-02	1.70E-03	2E+01	6.12E-03	2.90E-02	5E-05
	Chlorodibromomethane	124481		8.57E-02	2.00E-02		6.12E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003		8.57E-02	2.90E+00		6.12E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873		8.57E-02	2.60E-02		6.12E-03	3.50E-03	
	cis-1,2-Dichloroethene	156592		8.57E-02	1.00E-02		6.12E-03		
	Dichloromethane	75092		8.57E-02	8.60E-01		6.12E-03	1.65E-03	
	Ethylbenzene	100414		8.57E-02	2.90E-01		6.12E-03	3.85E-03	
	Tetrachloroethene	127184		8.57E-02	1.40E-01		6.12E-03	1.00E-02	
	Toluene	108883		8.57E-02	1.14E-01		6.12E-03		
	Trichloroethene	79016		8.57E-02	1.00E-02		6.12E-03	6.00E-03	
	Vinyl Chloride	75014_A		8.57E-02	2.80E-02		6.12E-03	1.50E-02	
	Xylenes (Total)	1330207		8.57E-02	2.00E+00		6.12E-03		
					Total	2E+01		Total	5E-05



		Ba	ised on RME	Assumption []	ıs				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 1	2-Methylnaphthalene	91576	2.25E-03	1.96E-01	2.00E-02	2E-02	6.99E-02		
	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	ND	1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
	Pyrene	129000	ND	1.96E-01	3.00E-02		6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02	5.00E-02	
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-01		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03 1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02	9.10E-02	
	Acetone	67641	ND ND	1.96E-01	1.00E-01		6.99E-02		
			ND ND					2.90E-02	
	Benzene	71432		1.96E-01	1.70E-03		6.99E-02		
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.96E-01	1.00E-02		6.99E-02		
	Dichloromethane	75092	1.85E-03	1.96E-01	8.60E-01	4E-04	6.99E-02	1.65E-03	2E-07
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02		
					Total	2E-02		Total	2E-07
AOI 12	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02		
	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	ND	1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
	Pyrene	129000	5.00E-05	1.96E-01	3.00E-02	3E-04	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	5.00E-04	1.96E-01	4.00E-03	2E-02	6.99E-02	5.60E-02	2E-06
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1.2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	, •								
	Chloromethane (Methyl chloride)	74873	ND ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.96E-01	1.00E-02		6.99E-02	 1 65E 02	
	Dichloromethane	75092	ND	1.96E-01	8.60E-01		6.99E-02	1.65E-03	
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02		
					Total	2E-02		Total	2E-06

		Ва	ised on RME	E Assumption	.s				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 13	2-Methylnaphthalene	91576	6.50E-01	1.96E-01	2.00E-02	6E+00	6.99E-02		
	Acenaphthene	83329	3.11E-03	1.96E-01	6.00E-02	1E-02	6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	4.58E-03	1.96E-01	4.00E-02	2E-02	6.99E-02		
	Naphthalene	91203	3.82E-02	1.96E-01	9.00E-04	8E+00	6.99E-02		
	Pyrene	129000	2.48E-03	1.96E-01	3.00E-04	2E-02	6.99E-02		
	1,4-Dichlorobenzene	106467	2.46E-03 ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	 6 20E 01		6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02	 5 COE 02	
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	1.00E-03	1.96E-01	1.00E-01	2E-03	6.99E-02		
	Benzene	71432	1.24E-02	1.96E-01	1.70E-03	1E+00	6.99E-02	2.90E-02	3E-05
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.96E-01	1.00E-02		6.99E-02		
	Dichloromethane	75092	2.42E-03	1.96E-01	8.60E-01	6E-04	6.99E-02	1.65E-03	3E-07
	Ethylbenzene	100414	1.34E-02	1.96E-01	2.90E-01	9E-03	6.99E-02	3.85E-03	4E-06
	Tetrachloroethene	127184	9.50E-04	1.96E-01	1.40E-01	1E-03	6.99E-02	1.00E-02	7E-07
	Toluene	108883	1.30E-03	1.96E-01	1.14E-01	2E-03	6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	7.36E-03	1.96E-01	2.00E+00	7E-04	6.99E-02	1.50E-02	
	Aylenes (Total)	1550207	7.50L-05	1.70L-01	Total	2E+01	0.55E-02	Total	3E-05
AOI 18	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02		
	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	ND	1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	1.50E-04	1.96E-01	9.00E-04	3E-02	6.99E-02		
	Pyrene	129000	ND	1.96E-01	3.00E-02		6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	2.27E-01		6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	3.10E-02	1.96E-01	6.30E-01	1E-02	6.99E-02	1.10L+00	
	1,1,2-Trichloroethane	79005	3.10E-02 ND	1.96E-01	4.00E-03	1E-02	6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	5.00E-04	1.96E-01	1.40E-01	7E-04	6.99E-02	3.00E-02	
	1,2,3-Trichloropropane	96184	3.00E-04 ND	1.96E-01 1.96E-01	1.40E-01 1.40E-03		6.99E-02 6.99E-02	2.00E+00	
		107062	ND ND		1.40E-03		6.99E-02 6.99E-02	9.10E-02	
	1,2-Dichloroethane			1.96E-01					
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02	2.005.02	
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.96E-01	1.00E-02		6.99E-02		
	Dichloromethane	75092	4.97E-04	1.96E-01	8.60E-01	1E-04	6.99E-02	1.65E-03	6E-08
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02		
					Total	4E-02		Total	6E-08

			ised on RME	Conseq Diele					
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 19	2-Methylnaphthalene	91576	1.00E-03	1.96E-01	2.00E-02	1E-02	6.99E-02		
	Acenaphthene	83329	4.00E-04	1.96E-01	6.00E-02	1E-03	6.99E-02		
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	5.00E-04	1.96E-01	4.00E-02	2E-03	6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
	Pyrene	129000	ND	1.96E-01	3.00E-02		6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.96E-01	1.00E-02		6.99E-02	3.30E-03	
	Dichloromethane								
		75092	ND	1.96E-01	8.60E-01		6.99E-02	1.65E-03	
	Ethylbenzene Tetra ekkenne	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02	 6 00F 03	
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00 Total	1E-02	6.99E-02	 Total	
AOI 20	2-Methylnaphthalene	91576	3.29E-03	1.96E-01	2.00E-02	3E-02	6.99E-02		
	Acenaphthene	83329	1.50E-03	1.96E-01	6.00E-02	5E-03	6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	7.50E-04	1.96E-01	4.00E-02	4E-03	6.99E-02		
	Naphthalene	91203	6.50E-04	1.96E-01	9.00E-04	1E-01	6.99E-02		
	Pyrene	129000	2.50E-05	1.96E-01	3.00E-02	2E-04	6.99E-02		
	1,4-Dichlorobenzene	106467	2.00E-04	1.96E-01	2.29E-01	2E-04	6.99E-02	2.20E-02	3E-07
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	3.73E-03	1.96E-01	1.00E-01	7E-03	6.99E-02		
	Benzene	71432	3.00E-04	1.96E-01	1.70E-03	3E-02	6.99E-02	2.90E-02	6E-07
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02	JL-02 	6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873							
	` ,	156592	ND ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene		ND 7.00E.04	1.96E-01	1.00E-02	 2E 04	6.99E-02	 1 65E 02	 9E 09
	Dichloromethane	75092	7.00E-04	1.96E-01	8.60E-01	2E-04	6.99E-02	1.65E-03	8E-08
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01	 1E 02	6.99E-02	1.00E-02	
	Toluene	108883	8.00E-04	1.96E-01	1.14E-01	1E-03	6.99E-02	 6 00E 03	
	Trichloroethene	79016	ND	1.96E-01	1.00E-02	 2E.02	6.99E-02	6.00E-03	 2E.05
	Vinyl Chloride	75014_A	3.00E-04	1.96E-01	2.80E-02	2E-03	6.99E-02	1.50E-02	3E-07
	Xylenes (Total)	1330207	5.00E-04	1.96E-01	2.00E+00	5E-05	6.99E-02	 m - 1	 1E-06
					Total	2E-01		Total	1E-06

		Ва	ised on RME	E Assumption	IS				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 21	2-Methylnaphthalene	91576	2.24E-03	1.96E-01	2.00E-02	2E-02	6.99E-02		
110121	Acenaphthene	83329	1.55E-03	1.96E-01	6.00E-02	5E-03	6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene			1.96E-01					
		86737	1.76E-03		4.00E-02	9E-03	6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
	Pyrene	129000	2.00E-03	1.96E-01	3.00E-02	1E-02	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	5.78E-02	1.96E-01	9.00E-03	1E+00	6.99E-02	7.10E 02	
	Acetone	67641	1.20E-03	1.96E-01	1.00E-01	2E-03	6.99E-02		
	Benzene	71432	2.12E-03	1.96E-01	1.70E-03	2E-01	6.99E-02	2.90E-02	4E-06
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	1.96E-03	1.96E-01	2.60E-02	1E-02	6.99E-02	3.50E-03	5E-07
	cis-1,2-Dichloroethene	156592	6.00E-02	1.96E-01	1.00E-02	1E+00	6.99E-02		
	Dichloromethane	75092	ND	1.96E-01	8.60E-01		6.99E-02	1.65E-03	
	Ethylbenzene	100414	2.50E-04	1.96E-01	2.90E-01	2E-04	6.99E-02	3.85E-03	7E-08
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	1.71E-03	1.96E-01	1.14E-01	3E-03	6.99E-02		
	Trichloroethene	79016	2.74E-03	1.96E-01	1.00E-02	5E-02	6.99E-02	6.00E-03	1E-06
	Vinyl Chloride	75014 A	2.54E-02	1.96E-01	2.80E-02	2E-01	6.99E-02	1.50E-02	3E-05
	3	_		1.96E-01	2.00E+00	5E-05			
	Xylenes (Total)	1330207	5.00E-04	1.90E-01			6.99E-02	 Tr 4 1	 2E 05
					Total	3E+00		Total	3E-05
AOI 22A	2-Methylnaphthalene	91576	7.38E-03	1.96E-01	2.00E-02	7E-02	6.99E-02		
	Acenaphthene	83329	2.47E-03	1.96E-01	6.00E-02	8E-03	6.99E-02		
	Dibenzofuran	132649	4.70E-03	1.96E-01	4.00E-03	2E-01	6.99E-02		
	Fluorene	86737	3.42E-03	1.96E-01	4.00E-02	2E-02	6.99E-02		
	Naphthalene	91203	1.21E-03	1.96E-01	9.00E-04	3E-01	6.99E-02		
	Pyrene	129000	1.73E-03	1.96E-01	3.00E-02	1E-02	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	2.27E 01		6.99E-02	1.10E+00	
	• • • • • • • • • • • • • • • • • • • •		1.31E-01				6.99E-02		
	1,1,1-Trichloroethane	71556		1.96E-01	6.30E-01	4E-02		 5.60E.02	 (E.06
	1,1,2-Trichloroethane	79005	1.50E-03	1.96E-01	4.00E-03	7E-02	6.99E-02	5.60E-02	6E-06
	1,1-Dichloroethane	75343	1.00E+00	1.96E-01	1.40E-01	1E+00	6.99E-02		
	1,2,3-Trichloropropane	96184	7.50E-03	1.96E-01	1.40E-03	1E+00	6.99E-02	2.00E+00	1E-03
	1,2-Dichloroethane	107062	1.00E-03	1.96E-01	1.40E-03	1E-01	6.99E-02	9.10E-02	6E-06
	1,2-Dichloroethene	540590	1.85E+00	1.96E-01	9.00E-03	4E+01	6.99E-02		
	Acetone	67641	6.50E-03	1.96E-01	1.00E-01	1E-02	6.99E-02		
	Benzene	71432	5.91E-03	1.96E-01	1.70E-03	7E-01	6.99E-02	2.90E-02	1E-05
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	8.50E-02	1.96E-01	2.90E+00	6E-03	6.99E-02	2.90E-03	2E-05
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	` ,								
	cis-1,2-Dichloroethene	156592	1.85E+00	1.96E-01	1.00E-02	4E+01	6.99E-02	 1.65E.02	 0E 00
	Dichloromethane	75092	7.50E-04	1.96E-01	8.60E-01	2E-04	6.99E-02	1.65E-03	9E-08
	Ethylbenzene	100414	5.15E-03	1.96E-01	2.90E-01	3E-03	6.99E-02	3.85E-03	1E-06
	Tetrachloroethene	127184	3.50E-04	1.96E-01	1.40E-01	5E-04	6.99E-02	1.00E-02	2E-07
	Toluene	108883	2.45E-03	1.96E-01	1.14E-01	4E-03	6.99E-02		
	Trichloroethene	79016	2.00E-03	1.96E-01	1.00E-02	4E-02	6.99E-02	6.00E-03	8E-07
	Vinyl Chloride	75014 A	1.15E+00	1.96E-01	2.80E-02	8E+00	6.99E-02	1.50E-02	1E-03
	Xylenes (Total)	1330207	3.50E-03	1.96E-01	2.00E+00	3E-04	6.99E-02		
	,				Total	9E+01		Total	2E-03
					- 0141	,		- 01111	00

		Ва	ised on RME	E Assumption	ıs				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 22B	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02		
	Acenaphthene	83329	1.15E-03	1.96E-01	6.00E-02	4E-03	6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	5.00E-04	1.96E-01	4.00E-02	2E-03	6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
	Pyrene	129000	1.50E-04	1.96E-01	3.00E-02	1E-03	6.99E-02		
	1,4-Dichlorobenzene	106467	2.20E-03	1.96E-01	2.29E-01	2E-03	6.99E-02	2.20E-02	3E-06
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	2.29E-01 	2E-03	6.99E-02	1.10E+00	
			ND ND		6.30E-01				
	1,1,1-Trichloroethane	71556		1.96E-01			6.99E-02	 5 (OF 02	
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	5.85E-02	1.96E-01	9.00E-03	1E+00	6.99E-02		
	Acetone	67641	5.85E-03	1.96E-01	1.00E-01	1E-02	6.99E-02		
	Benzene	71432	3.50E-04	1.96E-01	1.70E-03	4E-02	6.99E-02	2.90E-02	7E-07
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-02	1.96E-01	1.00E-02	3E-01	6.99E-02		
	Dichloromethane	75092	1.15E-03	1.96E-01	8.60E-01	3E-04	6.99E-02	1.65E-03	1E-07
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	1.62E-03	1.96E-01	1.00E-02	3E-02	6.99E-02	6.00E-03	7E-07
	Vinyl Chloride	75014_A	1.71E-01	1.96E-01	2.80E-02	1E+00	6.99E-02	1.50E-02	2E-04
	Xylenes (Total)	1330207	7.00E-04	1.96E-01	2.00E+00	7E-05	6.99E-02	1.50L-02	
	Aylenes (Total)	1550207	7.00L-04	1.50E-01	Total	3E+00	0.7711-02	Total	2E-04
					10441	OL:00		10111	ZL 01
AOI 26	2-Methylnaphthalene	91576	4.86E-03	1.96E-01	2.00E-02	5E-02	6.99E-02		
710120	Acenaphthene	83329	4.02E-03	1.96E-01	6.00E-02	1E-02	6.99E-02		
	Dibenzofuran	132649	2.68E-03	1.96E-01	4.00E-03	1E-01	6.99E-02		
	Fluorene	86737	4.57E-03	1.96E-01	4.00E-03	2E-02	6.99E-02		
	Naphthalene	91203	3.85E-03	1.96E-01	9.00E-04	8E-01	6.99E-02		
	•	129000							
	Pyrene		4.05E-03	1.96E-01	3.00E-02	3E-02	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	 6 20E 01		6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02	 5 COE 03	
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	9.00E-04	1.96E-01	9.00E-03	2E-02	6.99E-02		
	Acetone	67641	3.60E-03	1.96E-01	1.00E-01	7E-03	6.99E-02		
	Benzene	71432	6.00E-04	1.96E-01	1.70E-03	7E-02	6.99E-02	2.90E-02	1E-06
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	5.00E-04	1.96E-01	1.00E-02	1E-02	6.99E-02		
	Dichloromethane	75092	8.50E-04	1.96E-01	8.60E-01	2E-04	6.99E-02	1.65E-03	1E-07
	Ethylbenzene	100414	1.20E-03	1.96E-01	2.90E-01	8E-04	6.99E-02	3.85E-03	3E-07
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	7.00E-04	1.96E-01	1.14E-01	1E-03	6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	2.68E-03	1.96E-01	2.80E-02	2E-02	6.99E-02	1.50E-02	3E-06
	Xylenes (Total)	1330207	1.88E-03	1.96E-01	2.00E+00	2E-04	6.99E-02		
	J 3 (- 4)	1550207		02 01	Total	1E+00		Total	4E-06
					. 0	12.00		20111	00

		Ва	ised on RME	Assumption []	IS				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 27	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02		
110127	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene		1.50E-04						
		86737		1.96E-01	4.00E-02	7E-04	6.99E-02		
	Naphthalene	91203	1.00E-04	1.96E-01	9.00E-04	2E-02	6.99E-02		
	Pyrene	129000	ND	1.96E-01	3.00E-02		6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	5.00E-04	1.96E-01			6.99E-02	1.10E+00	4E-05
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.43E-03	1.96E-01	9.00E-03	3E-02	6.99E-02	7.10E 02	
	Acetone	67641	5.50E-03	1.96E-01	1.00E-01	1E-02	6.99E-02		
	Benzene	71432	4.00E-04	1.96E-01	1.70E-03	5E-02	6.99E-02	2.90E-02	8E-07
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-03	1.96E-01	1.00E-02	3E-02	6.99E-02		
	Dichloromethane	75092	7.50E-04	1.96E-01	8.60E-01	2E-04	6.99E-02	1.65E-03	9E-08
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	1.55E-03	1.96E-01	1.00E-02	3E-02	6.99E-02	6.00E-03	6E-07
	Vinyl Chloride	75014 A	ND	1.96E-01	2.80E-02	JE-02	6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02	1.30E-02	
	Aylelles (Total)	1330207	ND	1.90E-01	Total	2E-01	0.99E-02	Total	4E-05
AOI 30	2-Methylnaphthalene	91576	3.04E-01	1.96E-01	2.00E-02	3E+00	6.99E-02		
	Acenaphthene	83329	4.62E-02	1.96E-01	6.00E-02	2E-01	6.99E-02		
	Dibenzofuran	132649	2.05E-02	1.96E-01	4.00E-03	1E+00	6.99E-02		
	Fluorene	86737	5.72E-02	1.96E-01	4.00E-02	3E-01	6.99E-02		
	Naphthalene	91203	3.26E-02	1.96E-01	9.00E-04	7E+00	6.99E-02		
	Pyrene	129000	2.13E-02	1.96E-01	3.00E-02	1E-01	6.99E-02		
	1,4-Dichlorobenzene	106467	1.50E-03	1.96E-01	2.29E-01	1E-03	6.99E-02	2.20E-02	2E-06
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02	J.00L-02	
	1,2,3-Trichloropropane	96184	4.50E-03	1.96E-01	1.40E-01 1.40E-03	6E-01	6.99E-02	2.00E+00	6E-04
		107062						9.10E-02	UL-04
	1,2-Dichloroethane		ND	1.96E-01	1.40E-03	 7E 01	6.99E-02		
	1,2-Dichloroethene	540590	3.16E-02	1.96E-01	9.00E-03	7E-01	6.99E-02		
	Acetone	67641	8.23E-03	1.96E-01	1.00E-01	2E-02	6.99E-02		
	Benzene	71432	3.98E-03	1.96E-01	1.70E-03	5E-01	6.99E-02	2.90E-02	8E-06
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.23E-03	1.96E-01	2.60E-02	3E-02	6.99E-02	3.50E-03	1E-06
	cis-1,2-Dichloroethene	156592	3.55E-02	1.96E-01	1.00E-02	7E-01	6.99E-02		
	Dichloromethane	75092	3.28E-03	1.96E-01	8.60E-01	7E-04	6.99E-02	1.65E-03	4E-07
	Ethylbenzene	100414	1.60E-03	1.96E-01	2.90E-01	1E-03	6.99E-02	3.85E-03	4E-07
	Tetrachloroethene	127184	3.52E-03	1.96E-01	1.40E-01	5E-03	6.99E-02	1.00E-02	2E-06
	Toluene	108883	1.55E-03	1.96E-01	1.14E-01	3E-03	6.99E-02	1.00L-02	
	Trichloroethene	79016	1.25E-03	1.96E-01	1.00E-02	2E-02	6.99E-02	6.00E-03	5E-07
	Vinyl Chloride	75014_A	1.43E-01	1.96E-01	2.80E-02	1E+00	6.99E-02	1.50E-02	1E-04
	Xylenes (Total)	1330207	2.70E-03	1.96E-01	2.00E+00	3E-04	6.99E-02	 T-4-1	OE 04
					Total	2E+01		Total	8E-04

		Ba	ised on RME	Assumption []	!S				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 32	2-Methylnaphthalene	91576	7.77E-03	1.96E-01	2.00E-02	8E-02	6.99E-02		
	Acenaphthene	83329	1.65E-03	1.96E-01	6.00E-02	5E-03	6.99E-02		
	Dibenzofuran	132649	6.00E-04	1.96E-01	4.00E-03	3E-02	6.99E-02		
	Fluorene	86737	1.70E-03	1.96E-01	4.00E-02	8E-03	6.99E-02		
	Naphthalene	91203	2.60E-03	1.96E-01	9.00E-04	6E-01	6.99E-02		
	Pyrene	129000	2.80E-03	1.96E-01	3.00E-04	2E-02	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01	2E-02 	6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	2.291:-01		6.99E-02	1.10E+00	
					6.30E-01		6.99E-02	1.10E±00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01				5 (OF 02	
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02	2.005+00	
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.22E-03	1.96E-01	9.00E-03	3E-02	6.99E-02		
	Acetone	67641	5.00E+00	1.96E-01	1.00E-01	1E+01	6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.19E-03	1.96E-01	2.60E-02	3E-02	6.99E-02	3.50E-03	1E-06
	cis-1,2-Dichloroethene	156592	7.25E-04	1.96E-01	1.00E-02	1E-02	6.99E-02		
	Dichloromethane	75092	8.01E-01	1.96E-01	8.60E-01	2E-01	6.99E-02	1.65E-03	9E-05
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	8.00E-04	1.96E-01	1.14E-01	1E-03	6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014 A	4.08E-03	1.96E-01	2.80E-02	3E-02	6.99E-02	1.50E-02	4E-06
	Xylenes (Total)	1330207	1.30E-03	1.96E-01	2.00E+00	1E-04	6.99E-02		
					Total	1E+01		Total	1E-04
AOI 33	2-Methylnaphthalene Acenaphthene Dibenzofuran	91576 83329 132649	1.18E-01 1.20E-01 ND	1.96E-01 1.96E-01 1.96E-01	2.00E-02 6.00E-02 4.00E-03	1E+00 4E-01	6.99E-02 6.99E-02 6.99E-02	 	
	Fluorene	86737				2E-01			
			3.84E-02	1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	2.75E+00	1.96E-01	9.00E-04	6E+02	6.99E-02		
	Pyrene	129000	6.08E-03	1.96E-01	3.00E-02	4E-02	6.99E-02	 2.20E.02	 2E 07
	1,4-Dichlorobenzene	106467	2.00E-04	1.96E-01	2.29E-01	2E-04	6.99E-02	2.20E-02	3E-07
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01	 (20E 01		6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01	 2E 02	6.99E-02	 5.60E.02	 2E 06
	1,1,2-Trichloroethane	79005	6.99E-04	1.96E-01	4.00E-03	3E-02	6.99E-02	5.60E-02	3E-06
	1,1-Dichloroethane	75343	6.79E-04	1.96E-01	1.40E-01	9E-04	6.99E-02	2.005+00	
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	8.74E-03	1.96E-01	1.00E-01	2E-02	6.99E-02		
	Benzene	71432	3.29E-02	1.96E-01	1.70E-03	4E+00	6.99E-02	2.90E-02	7E-05
	Chlorodibromomethane	124481	6.97E-04	1.96E-01	2.00E-02	7E-03	6.99E-02	8.40E-02	4E-06
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.96E-01	1.00E-02		6.99E-02		
	Dichloromethane	75092	6.21E-04	1.96E-01	8.60E-01	1E-04	6.99E-02	1.65E-03	7E-08
	Ethylbenzene	100414	8.74E-01	1.96E-01	2.90E-01	6E-01	6.99E-02	3.85E-03	2E-04
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	1.69E-02	1.96E-01	1.14E-01	3E-02	6.99E-02		
	Trichloroethene	79016	5.00E-04	1.96E-01	1.00E-02	1E-02	6.99E-02	6.00E-03	2E-07
	Vinyl Chloride	75014 A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	1.06E-01	1.96E-01	2.00E+00	1E-02	6.99E-02		
					Total	6E+02		Total	3E-04

				E Assumption.					
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 34	2-Methylnaphthalene	91576	4.49E-03	1.96E-01	2.00E-02	4E-02	6.99E-02		
	Acenaphthene	83329	1.43E-03	1.96E-01	6.00E-02	5E-03	6.99E-02		
	Dibenzofuran	132649	2.84E-03	1.96E-01	4.00E-03	1E-01	6.99E-02		
	Fluorene	86737	1.64E-03	1.96E-01	4.00E-02	8E-03	6.99E-02		
	Naphthalene	91203	1.56E-03	1.96E-01	9.00E-04	3E-01	6.99E-02		
	Pyrene	129000	5.50E-04	1.96E-01	3.00E-02	4E-03	6.99E-02		
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	1.70E-03	1.96E-01	6.30E-01	5E-04	6.99E-02		
	1,1,2-Trichloroethane	79005	4.00E-04	1.96E-01	4.00E-03	2E-02	6.99E-02	5.60E-02	2E-06
	1,1-Dichloroethane	75343	1.43E-01	1.96E-01	1.40E-01	2E-02 2E-01	6.99E-02	J.00E-02	
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	3.00E-04	1.96E-01	1.40E-03	4E-02	6.99E-02	9.10E-02	2E-06
	1,2-Dichloroethene	540590	8.45E-03	1.96E-01	9.00E-03	2E-01	6.99E-02	9.10E-02 	
		67641				2E-01 2E-02			
	Acetone		1.05E-02	1.96E-01	1.00E-01		6.99E-02	2.005.02	 4E 06
	Benzene	71432	1.87E-03	1.96E-01	1.70E-03	2E-01	6.99E-02	2.90E-02	4E-06
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	8.59E-03	1.96E-01	2.90E+00	6E-04	6.99E-02	2.90E-03	2E-06
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	6.51E-03	1.96E-01	1.00E-02	1E-01	6.99E-02		
	Dichloromethane	75092	1.67E-03	1.96E-01	8.60E-01	4E-04	6.99E-02	1.65E-03	2E-07
	Ethylbenzene	100414	1.50E-03	1.96E-01	2.90E-01	1E-03	6.99E-02	3.85E-03	4E-07
	Tetrachloroethene	127184	1.82E-03	1.96E-01	1.40E-01	3E-03	6.99E-02	1.00E-02	1E-06
	Toluene	108883	1.55E-03	1.96E-01	1.14E-01	3E-03	6.99E-02		
	Trichloroethene	79016	1.67E-03	1.96E-01	1.00E-02	3E-02	6.99E-02	6.00E-03	7E-07
	Vinyl Chloride	75014 A	9.60E-02	1.96E-01	2.80E-02	7E-01	6.99E-02	1.50E-02	1E-04
	Xylenes (Total)	1330207	2.22E-03	1.96E-01	2.00E+00	2E-04	6.99E-02		
					Total	2E+00		Total	1E-04
AOI 35	2-Methylnaphthalene	91576	1.85E-02	1.96E-01	2.00E-02	2E-01	6.99E-02		
	Acenaphthene	83329	2.00E-03	1.96E-01	6.00E-02	7E-03	6.99E-02		
	Dibenzofuran	132649	ND	1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	2.00E-03	1.96E-01	4.00E-02	1E-02	6.99E-02		
	Naphthalene	91203	5.00E-05	1.96E-01	9.00E-04	1E-02	6.99E-02		
	Pyrene	129000	1.00E-04	1.96E-01	3.00E-02	7E-04	6.99E-02		
	1,4-Dichlorobenzene	106467	1.50E-04	1.96E-01	2.29E-01	1E-04	6.99E-02	2.20E-02	2E-07
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	4.41E-03	1.96E-01	1.40E-01	6E-03	6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	7.00E-04	1.96E-01	9.00E-03	2E-02	6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND ND	1.96E-01 1.96E-01	2.60E-02		6.99E-02 6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.96E-01	1.00E-02	 2E 04	6.99E-02	1 65E 02	 OE 08
	Dichloromethane	75092	7.70E-04	1.96E-01	8.60E-01	2E-04	6.99E-02	1.65E-03	9E-08
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	2.15E-03	1.96E-01	2.80E-02	2E-02	6.99E-02	1.50E-02	2E-06
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02		
					Total	2E-01		Total	3E-06

		Ba	ised on RME	E Assumption	ıs				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 36	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02		
	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737	ND	1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	ND	1.96E-01	9.00E-04		6.99E-02		
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	Pyrene	129000	5.00E-05	1.96E-01	3.00E-02	3E-04	6.99E-02	2.205.02	
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	1.89E-03	1.96E-01	1.40E-01	3E-03	6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.49E-03	1.96E-01	9.00E-03	3E-02	6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
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	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02	 2E 02	6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	7.72E-04	1.96E-01	1.00E-02	2E-02	6.99E-02		
	Dichloromethane	75092	5.75E-04	1.96E-01	8.60E-01	1E-04	6.99E-02	1.65E-03	7E-08
	Ethylbenzene	100414	ND	1.96E-01	2.90E-01		6.99E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	ND	1.96E-01	1.14E-01		6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014 A	1.92E-03	1.96E-01	2.80E-02	1E-02	6.99E-02	1.50E-02	2E-06
	Xylenes (Total)	1330207	ND	1.96E-01	2.00E+00		6.99E-02		
					Total	6E-02		Total	2E-06
AOI 37	2-Methylnaphthalene	91576	8.50E-02	1.96E-01	2.00E-02	8E-01	6.99E-02		
110157	Acenaphthene	83329	9.53E-03	1.96E-01	6.00E-02	3E-02	6.99E-02		
	Dibenzofuran	132649	1.08E-02	1.96E-01	4.00E-03	5E-02	6.99E-02		
	Fluorene	86737	1.78E-02	1.96E-01	4.00E-03	9E-02	6.99E-02		
	Naphthalene	91203	2.15E-03	1.96E-01	9.00E-04	5E-01	6.99E-02		
	Pyrene	129000	1.86E-03	1.96E-01	3.00E-02	1E-02	6.99E-02	 2.20E.02	
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.96E-01	6.30E-01		6.99E-02		
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.96E-01	1.40E-01		6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.96E-01	9.00E-03		6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	ND	1.96E-01	1.70E-03		6.99E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.96E-01	2.90E+00		6.99E-02	2.90E-03	
	Chloromethane (Methyl chloride)								
	\ ,	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	 6 50E 0.4	1.96E-01	1.00E-02	 1E.04	6.99E-02	 1.65E.02	 7E 00
	Dichloromethane	75092	6.50E-04	1.96E-01	8.60E-01	1E-04	6.99E-02	1.65E-03	7E-08
	Ethylbenzene	100414	3.25E-03	1.96E-01	2.90E-01	2E-03	6.99E-02	3.85E-03	9E-07
	Tetrachloroethene	127184	ND	1.96E-01	1.40E-01		6.99E-02	1.00E-02	
	Toluene	108883	1.95E-03	1.96E-01	1.14E-01	3E-03	6.99E-02		
	Trichloroethene	79016	ND	1.96E-01	1.00E-02		6.99E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.96E-01	2.80E-02		6.99E-02	1.50E-02	
	Xylenes (Total)	1330207	1.30E-02	1.96E-01	2.00E+00	1E-03	6.99E-02		
					Total	2E+00		Total	9E-07

		Ва	ised on RME	E Assumption	lS .				
AOI	Chemical	CAS Number	Cair		Noncancer Risk			Cancer Risk	
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC
AOI 38	2-Methylnaphthalene	91576	3.25E-01	1.96E-01	2.00E-02	3E+00	6.99E-02		
	Acenaphthene	83329	7.27E-03	1.96E-01	6.00E-02	2E-02	6.99E-02		
	Dibenzofuran	132649	3.34E-02	1.96E-01	4.00E-03	2E+00	6.99E-02		
	Fluorene	86737	9.01E-03	1.96E-01	4.00E-02	4E-02	6.99E-02		
	Naphthalene	91203	3.86E-02	1.96E-01	9.00E-04	8E+00	6.99E-02		
	*								
	Pyrene	129000	5.06E-03	1.96E-01	3.00E-02	3E-02	6.99E-02	 2.20E.02	 1E 05
	1,4-Dichlorobenzene	106467	6.89E-03	1.96E-01	2.29E-01	6E-03	6.99E-02	2.20E-02	1E-05
	bis(2-Chloroethyl)ether	111444	ND	1.96E-01			6.99E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	1.59E-01	1.96E-01	6.30E-01	5E-02	6.99E-02		
	1,1,2-Trichloroethane	79005	1.54E-03	1.96E-01	4.00E-03	8E-02	6.99E-02	5.60E-02	6E-06
	1,1-Dichloroethane	75343	6.51E-02	1.96E-01	1.40E-01	9E-02	6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	5.00E-04	1.96E-01	1.40E-03	7E-02	6.99E-02	9.10E-02	3E-06
	1,2-Dichloroethene	540590	2.19E-01	1.96E-01	9.00E-03	5E+00	6.99E-02		
	Acetone	67641	3.29E-03	1.96E-01	1.00E-01	6E-03	6.99E-02		
	Benzene	71432	5.01E-03	1.96E-01	1.70E-03	6E-01	6.99E-02	2.90E-02	1E-05
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.57E-02	1.96E-01	2.90E+00	1E-03	6.99E-02	2.90E-03	3E-06
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	3.62E-01	1.96E-01	1.00E-02	7E+00	6.99E-02	J.50L-05	
	Dichloromethane	75092	1.21E-03		8.60E-01			1.65E-03	
				1.96E-01		3E-04	6.99E-02		1E-07
	Ethylbenzene	100414	2.07E-02	1.96E-01	2.90E-01	1E-02	6.99E-02	3.85E-03	6E-06
	Tetrachloroethene	127184	1.70E-03	1.96E-01	1.40E-01	2E-03	6.99E-02	1.00E-02	1E-06
	Toluene	108883	6.86E-03	1.96E-01	1.14E-01	1E-02	6.99E-02		
	Trichloroethene	79016	1.81E-02	1.96E-01	1.00E-02	4E-01	6.99E-02	6.00E-03	8E-06
	Vinyl Chloride	75014_A	3.47E-02	1.96E-01	2.80E-02	2E-01	6.99E-02	1.50E-02	4E-05
	Xylenes (Total)	1330207	2.81E-02	1.96E-01	2.00E+00	3E-03	6.99E-02		
					Total	3E+01		Total	8E-05
AOI SPRR3	2-Methylnaphthalene	91576		1.96E-01	2.00E-02		6.99E-02		
	Acenaphthene	83329		1.96E-01	6.00E-02		6.99E-02		
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02		
	Fluorene	86737		1.96E-01	4.00E-02		6.99E-02		
	Naphthalene	91203	1.80E-01	1.96E-01	9.00E-04	4E+01	6.99E-02		
	Pyrene	129000		1.96E-01	3.00E-02		6.99E-02		
	1,4-Dichlorobenzene	106467		1.96E-01	2.29E-01		6.99E-02	2.20E-02	
		111444						1.10E+00	
	bis(2-Chloroethyl)ether			1.96E-01	 (20E 01		6.99E-02		
	1,1,1-Trichloroethane	71556	3.90E-02	1.96E-01	6.30E-01	1E-02	6.99E-02	 5 (OF 02	
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02	
	1,1-Dichloroethane	75343	1.45E-01	1.96E-01	1.40E-01	2E-01	6.99E-02		
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.35E-01	1.96E-01	9.00E-03	3E+00	6.99E-02		
	Acetone	67641	ND	1.96E-01	1.00E-01		6.99E-02		
	Benzene	71432	2.60E-02	1.96E-01	1.70E-03	3E+00	6.99E-02	2.90E-02	5E-05
	Chlorodibromomethane	124481	ND	1.96E-01	2.00E-02		6.99E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.15E-01	1.96E-01	2.90E+00	8E-03	6.99E-02	2.90E-03	2E-05
	Chloromethane (Methyl chloride)	74873	ND	1.96E-01	2.60E-02		6.99E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.35E-01	1.96E-01	1.00E-02	3E+00	6.99E-02		
	Dichloromethane	75092	4.80E-03	1.96E-01	8.60E-01	1E-03	6.99E-02	1.65E-03	6E-07
	Ethylbenzene	100414	7.50E-02	1.96E-01	2.90E-01	5E-02	6.99E-02	3.85E-03	2E-05
	Tetrachloroethene	127184	7.50E-02 ND	1.96E-01	1.40E-01	JE-02 	6.99E-02	1.00E-02	
	Toluene								
		108883	6.00E-02	1.96E-01	1.14E-01	1E-01	6.99E-02	 6.00E.02	 2E 07
	Trichloroethene	79016	5.00E-04	1.96E-01	1.00E-02	1E-02	6.99E-02	6.00E-03	2E-07
	Vinyl Chloride	75014_A	1.65E-01	1.96E-01	2.80E-02	1E+00	6.99E-02	1.50E-02	2E-04
	Xylenes (Total)	1330207	4.65E-01	1.96E-01	2.00E+00	5E-02	6.99E-02	 m . 1	2E 0.4
					Total	5E+01		Total	3E-04

AOI	Chemical	CAS Number	Cair	2133umpiion.	Noncancer Risk		Cancer Risk			
			(mg/m3)	HIFNC	Inhalation RfD	RiskNC	HIFC	Inhalation SF	RiskC	
AOI SPRR5	2-Methylnaphthalene	91576	ND	1.96E-01	2.00E-02		6.99E-02			
	Acenaphthene	83329	ND	1.96E-01	6.00E-02		6.99E-02			
	Dibenzofuran	132649		1.96E-01	4.00E-03		6.99E-02			
	Fluorene	86737		1.96E-01	4.00E-02		6.99E-02			
	Naphthalene	91203		1.96E-01	9.00E-04		6.99E-02			
	Pyrene	129000		1.96E-01	3.00E-02		6.99E-02			
	1,4-Dichlorobenzene	106467	ND	1.96E-01	2.29E-01		6.99E-02	2.20E-02		
	bis(2-Chloroethyl)ether	111444		1.96E-01			6.99E-02	1.10E+00		
	1,1,1-Trichloroethane	71556	2.00E-03	1.96E-01	6.30E-01	6E-04	6.99E-02			
	1,1,2-Trichloroethane	79005	ND	1.96E-01	4.00E-03		6.99E-02	5.60E-02		
	1,1-Dichloroethane	75343	4.31E-02	1.96E-01	1.40E-01	6E-02	6.99E-02			
	1,2,3-Trichloropropane	96184	ND	1.96E-01	1.40E-03		6.99E-02	2.00E+00		
	1,2-Dichloroethane	107062	ND	1.96E-01	1.40E-03		6.99E-02	9.10E-02		
	1,2-Dichloroethene	540590	3.05E-02	1.96E-01	9.00E-03	7E-01	6.99E-02			
	Acetone	67641	3.00E-03	1.96E-01	1.00E-01	6E-03	6.99E-02			
	Benzene	71432	3.02E-01	1.96E-01	1.70E-03	3E+01	6.99E-02	2.90E-02	6E-04	
	Chlorodibromomethane	124481		1.96E-01	2.00E-02		6.99E-02	8.40E-02		
	Chloroethane (Ethyl chloride)	75003		1.96E-01	2.90E+00		6.99E-02	2.90E-03		
	Chloromethane (Methyl chloride)	74873		1.96E-01	2.60E-02		6.99E-02	3.50E-03		
	cis-1,2-Dichloroethene	156592		1.96E-01	1.00E-02		6.99E-02			
	Dichloromethane	75092		1.96E-01	8.60E-01		6.99E-02	1.65E-03		
	Ethylbenzene	100414		1.96E-01	2.90E-01		6.99E-02	3.85E-03		
	Tetrachloroethene	127184		1.96E-01	1.40E-01		6.99E-02	1.00E-02		
	Toluene	108883		1.96E-01	1.14E-01		6.99E-02			
	Trichloroethene	79016		1.96E-01	1.00E-02		6.99E-02	6.00E-03		
	Vinyl Chloride	75014_A		1.96E-01	2.80E-02		6.99E-02	1.50E-02		
	Xylenes (Total)	1330207		1.96E-01	2.00E+00		6.99E-02			
					Total	4E+01		Total	6E-04	

Appendix E.4 Summary of Exposure and Risk Calculations from Soil Gas Intrusion

		Flux	Indoor Concentration	CTE DI (n	ng/kg-day)	RME D	(mg/kg-d)	Toxicity	y Factors	CTE	Risks	RMI	E Risks
Station	Detected Analytes	ug/m²/min	mg/m ³	Cancer	Non-cancer	Cancer	Non-cancer	SF	RfD	Cancer	Non-cancer	Cancer	Non-cancer
BKGD-01	Benzene	7.00E-03	2.80E-04	1.71E-06	2.40E-05	1.96E-05	5.48E-05	3E-02	2E-03	5E-08	1E-02	6E-07	3E-02
BKGD-01	Toluene	2.39E-02	9.56E-04	5.85E-06	8.19E-05	6.68E-05	1.87E-04	na	1E-01		7E-04		2E-03
BKGD-02	Benzene	8.00E-03	3.20E-04	1.96E-06	2.74E-05	2.24E-05	6.26E-05	3E-02	2E-03	6E-08	2E-02	6E-07	4E-02
BKGD-02	m,p-Xylene	3.32E-02	1.33E-03	8.13E-06	1.14E-04	9.28E-05	2.60E-04	na	2E+00		6E-05		1E-04
BKGD-02	Toluene	1.13E-01	4.50E-03	2.76E-05	3.86E-04	3.15E-04	8.81E-04	na	1E-01		3E-03		8E-03
BKGD-02	Trichlorofluoromethane	5.13E-02	2.05E-03	1.26E-05	1.76E-04	1.43E-04	4.02E-04	na	2E-01		9E-04		2E-03
DF-03	Methyl chloride	1.47E-02	5.88E-04	3.60E-06	5.04E-05	4.11E-05	1.15E-04	4E-03	3E-02	1E-08	2E-03	1E-07	4E-03
DF-03	Toluene	1.03E+00	4.10E-02	2.51E-04	3.52E-03	2.87E-03	8.03E-03	na	1E-01		3E-02		7E-02
DF-07	Benzene	4.40E-02	1.76E-03	1.08E-05	1.51E-04	1.23E-04	3.44E-04	3E-02	2E-03	3E-07	9E-02	4E-06	2E-01
DF-07	Dichloromethane	2.30E-02	9.20E-04	5.63E-06	7.89E-05	6.43E-05	1.80E-04	2E-03	9E-01	9E-09	9E-05	1E-07	2E-04
DF-07	Methyl chloride	4.17E-02	1.67E-03	1.02E-05	1.43E-04	1.17E-04	3.26E-04	4E-03	3E-02	4E-08	5E-03	4E-07	1E-02
DF-07	Vinyl chloride	3.00E-03	1.20E-04	7.35E-07	1.03E-05	8.39E-06	2.35E-05	2E-02	3E-02	1E-08	4E-04	1E-07	8E-04
NF-03	Vinyl chloride	1.00E-03	4.00E-05	2.45E-07	3.43E-06	2.80E-06	7.83E-06	2E-02	3E-02	4E-09	1E-04	4E-08	3E-04
NF-05	1,1-Dichloroethene	3.00E-03	1.20E-04	7.35E-07	1.03E-05	8.39E-06	2.35E-05	na	6E-02		2E-04		4E-04
NF-07	Benzene	4.00E-02	1.60E-03	9.80E-06	1.37E-04	1.12E-04	3.13E-04	3E-02	2E-03	3E-07	8E-02	3E-06	2E-01
NF-07	m,p-Xylene	1.35E-01	5.42E-03	3.32E-05	4.64E-04	3.79E-04	1.06E-03	na	2E+00		2E-04		5E-04
NF-07	Tetrachloroethylene	1.27E+00	5.06E-02	3.10E-04	4.34E-03	3.54E-03	9.90E-03	1E-02	1E-01	3E-06	3E-02	4E-05	7E-02
NF-07	Toluene	2.07E-01	8.28E-03	5.07E-05	7.09E-04	5.78E-04	1.62E-03	na	1E-01		6E-03		1E-02
NF-09	Benzene	5.20E-02	2.08E-03	1.27E-05	1.78E-04	1.45E-04	4.07E-04	3E-02	2E-03	4E-07	1E-01	4E-06	2E-01
NF-09	Ethyl benzene	4.04E-02	1.62E-03	9.89E-06	1.39E-04	1.13E-04	3.16E-04	4E-03	3E-01	4E-08	5E-04	4E-07	1E-03
NF-09	m,p-Xylene	1.86E-01	7.45E-03	4.56E-05	6.38E-04	5.21E-04	1.46E-03	na	2E+00		3E-04		7E-04
NF-09	Methyl chloride	1.94E-02	7.76E-04	4.75E-06	6.65E-05	5.42E-05	1.52E-04	4E-03	3E-02	2E-08	3E-03	2E-07	6E-03
NF-09	othro-Xylene	6.71E-02	2.68E-03	1.64E-05	2.30E-04	1.88E-04	5.25E-04	na	2E+00		1E-04		3E-04
NF-09	Toluene	4.11E-01	1.64E-02	1.01E-04	1.41E-03	1.15E-03	3.21E-03	na	1E-01		1E-02		3E-02
SF-01	1,2,4-Trimethylbenzene	4.80E-02	1.92E-03	1.18E-05	1.65E-04	1.34E-04	3.76E-04	na	2E-03		1E-01		2E-01
SF-01	4-Ethyltoluene	3.83E-02	1.53E-03	9.38E-06	1.31E-04	1.07E-04	3.00E-04	na	na				
SF-01	Benzene	5.90E-02	2.36E-03	1.44E-05	2.02E-04	1.65E-04	4.62E-04	3E-02	2E-03	4E-07	1E-01	5E-06	3E-01
SF-01	Ethyl benzene	5.23E-02	2.09E-03	1.28E-05	1.79E-04	1.46E-04	4.09E-04	4E-03	3E-01	5E-08	6E-04	6E-07	1E-03
SF-01	m,p-Xylene	1.85E-01	7.40E-03	4.53E-05	6.35E-04	5.17E-04	1.45E-03	na	2E+00		3E-04		7E-04
SF-01	othro-Xylene	7.97E-02	3.19E-03	1.95E-05	2.73E-04	2.23E-04	6.24E-04	na	2E+00		1E-04		3E-04
SF-01	Tetrachloroethylene	5.76E-02	2.30E-03	1.41E-05	1.97E-04	1.61E-04	4.51E-04	1E-02	1E-01	1E-07	1E-03	2E-06	3E-03
SF-01	Toluene	1.60E-01	6.40E-03	3.92E-05	5.49E-04	4.47E-04	1.25E-03	na	1E-01		5E-03		1E-02
SF-02	Benzene	3.50E-02	1.40E-03	8.57E-06	1.20E-04	9.78E-05	2.74E-04	3E-02	2E-03	2E-07	7E-02	3E-06	2E-01
SF-02	Vinyl chloride	1.00E-03	4.00E-05	2.45E-07	3.43E-06	2.80E-06	7.83E-06	2E-02	3E-02	4E-09	1E-04	4E-08	3E-04
SF-07	1,2,4-Trichlorobenzene	1.16E-01	4.62E-03	2.83E-05	3.96E-04	3.23E-04	9.04E-04	na	1E-03		4E-01		9E-01
SF-07	1,2,4-Trimethylbenzene	4.62E-02	1.85E-03	1.13E-05	1.58E-04	1.29E-04	3.62E-04	na	2E-03		9E-02		2E-01
SF-07	4-Ethyltoluene	7.32E-02	2.93E-03	1.79E-05	2.51E-04	2.05E-04	5.73E-04	na	na				
SF-07	Benzene	4.80E-02	1.92E-03	1.18E-05	1.65E-04	1.34E-04	3.76E-04	3E-02	2E-03	3E-07	1E-01	4E-06	2E-01
SF-07	Benzyl chloride	1.31E-01	5.24E-03	3.21E-05	4.49E-04	3.66E-04	1.02E-03	2E-01	na	5E-06		6E-05	
SF-07	Chloroethane	4.62E-02	1.85E-03	1.13E-05	1.58E-04	1.29E-04	3.62E-04	3E-03	3E+00	3E-08	5E-05	4E-07	1E-04
SF-07	m-Dichlorobenzene	7.32E-02	2.93E-03	1.79E-05	2.51E-04	2.05E-04	5.73E-04	na	3E-02		8E-03		2E-02
SF-07	Methyl chloride	8.09E-02	3.24E-03	1.98E-05	2.77E-04	2.26E-04	6.33E-04	4E-03	3E-02	7E-08	1E-02	8E-07	2E-02
SF-07	o-Dichlorobenzene	5.78E-02	2.31E-03	1.42E-05	1.98E-04	1.62E-04	4.52E-04	na	4E-02		5E-03		1E-02
SF-07	othro-Xylene	5.78E-02	2.31E-03	1.42E-05	1.98E-04	1.62E-04	4.52E-04	na	2E+00		1E-04		2E-04
SF-07	para-Dichlorobenzene	6.93E-02	2.77E-03	1.70E-05	2.38E-04	1.94E-04	5.42E-04	2E-02	2E-01	4E-07	1E-03	4E-06	2E-03
SF-07	Toluene	1.50E-01	6.01E-03	3.68E-05	5.15E-04	4.20E-04	1.18E-03	na	1E-01	45	5E-03	470	1E-02
SF-08	Benzene	4.50E-02	1.80E-03	1.10E-05	1.54E-04	1.26E-04	3.52E-04	3E-02	2E-03	3E-07	9E-02	4E-06	2E-01



OFF-YARD RESIDENT

- E.5 INHALATION OF PM10
- E.6 INGESTION OF GROUNDWATER
- E.7 INHALATION OF GROUNDWATER RELEASE TO INDOOR AIR



APPENDIX E.5 DETAILED RISK CALCULATION TABLES FOR RESIDENTIAL INHALATION OF PM10 $\it Based$ on CTE Assumptions

Dagion	Chamical	CAS Number		n CTE Assur		Janaanaar Digle			Concor Diale	
Region	Chemical	CAS Number	Csoil (mg/kg)	Cair (mg/m3)	CTE HIFNC	Noncancer Risk Inhalation RfD	RiskNC	CTE HIFC	Cancer Risk Inhalation SF	RiskC
Region 1	Aluminum	7429905		9.25E-05	7.12E-03	1.00E-03	7E-04	9.16E-04		
region i	Antimony		1.20E+01	4.12E-08	7.12E-03	4.00E-04	7E-07	9.16E-04		
	Arsenic		4.93E+01	1.69E-07	7.12E-03	3.00E-04	4E-06	9.16E-04	1.51E+01	2E-09
	Chromium	18540299 VI	4.57E+01	1.57E-07	7.12E-03	3.00E-05	4E-05	9.16E-04	4.10E+01	6E-09
	Copper	7440508	9.32E+03	3.20E-05	7.12E-03	4.00E-02	6E-06	9.16E-04		
	Lead	7439921	3.84E+02	1.32E-06	7.12E-03			9.16E-04		
	Manganese	7439965_NF	8.43E+02	2.89E-06	7.12E-03	1.43E-05	1E-03	9.16E-04		
	Mercury		1.85E+01	6.33E-08	7.12E-03	8.60E-05	5E-06	9.16E-04		
	Selenium		8.36E+00	2.87E-08	7.12E-03	5.00E-03	4E-08	9.16E-04	 2.10F.01	 2E 12
	Benzo[a]anthracene		2.30E+00	7.89E-09	7.12E-03	2.00E-02	3E-09 4E-09	9.16E-04	3.10E-01	2E-12 3E-11
	Benzo[a]pyrene Benzo[b]fluoranthene		3.11E+00 2.90E+00	1.07E-08 9.95E-09	7.12E-03 7.12E-03	2.00E-02 2.00E-02	4E-09 4E-09	9.16E-04 9.16E-04	3.10E+00 3.10E-01	3E-11
	Benzo[k]fluoranthene		2.60E+00	8.92E-09	7.12E-03 7.12E-03	2.00E-02 2.00E-02	3E-09	9.16E-04 9.16E-04	3.10E-01 3.10E-02	3E-12
	Chrysene		3.11E+00	1.07E-08	7.12E-03	2.00E-02 2.00E-02	4E-09	9.16E-04	3.10E-02	3E-14
	Dibenz[a,h]anthracene		7.90E-01	2.71E-09	7.12E-03	2.00E-02	1E-09	9.16E-04	3.10E+00	8E-12
	Indeno[1,2,3-c,d]pyrene	193395	3.10E+00	1.06E-08	7.12E-03	2.00E-02	4E-09	9.16E-04	3.10E-01	3E-12
	n-Nitrosodipropylamine	621647	1.30E+00	4.46E-09	7.12E-03			9.16E-04	7.00E+00	3E-11
						Total	2E-03		Total	8E-09
Region 2	Aluminum	7429905			7.12E-03	1.00E-03		9.16E-04		
	Antimony	7440360	 5.01E+01	1.72E.07	7.12E-03	4.00E-04	 4E 06	9.16E-04	1.515+01	 2E 00
	Arsenic	7440382		1.72E-07	7.12E-03	3.00E-04	4E-06	9.16E-04	1.51E+01	2E-09
	Chromium Copper	18540299_VI 7440508	3.25E+02	1.12E-06	7.12E-03	3.00E-05	3E-04	9.16E-04	4.10E+01	4E-08
	Lead		3.46E+02	1.19E-06	7.12E-03 7.12E-03	4.00E-02		9.16E-04 9.16E-04		
	Manganese	7439965 NF	J.40L+02		7.12E-03	1.43E-05		9.16E-04		
	Mercury	_	4.86E-01	1.67E-09	7.12E-03	8.60E-05	1E-07	9.16E-04		
	Selenium		1.56E+02	5.36E-07	7.12E-03	5.00E-03	8E-07	9.16E-04		
	Benzo[a]anthracene		1.41E+00	4.85E-09	7.12E-03	2.00E-02	2E-09	9.16E-04	3.10E-01	1E-12
	Benzo[a]pyrene	50328	1.78E+00	6.09E-09	7.12E-03	2.00E-02	2E-09	9.16E-04	3.10E+00	2E-11
	Benzo[b]fluoranthene	205992	1.83E+00	6.27E-09	7.12E-03	2.00E-02	2E-09	9.16E-04	3.10E-01	2E-12
	Benzo[k]fluoranthene		1.33E+00	4.55E-09	7.12E-03	2.00E-02	2E-09	9.16E-04	3.10E-02	1E-13
	Chrysene		2.11E+00	7.22E-09	7.12E-03	2.00E-02	3E-09	9.16E-04	3.10E-03	2E-14
	Dibenz[a,h]anthracene		5.15E-01	1.77E-09	7.12E-03	2.00E-02	6E-10	9.16E-04	3.10E+00	5E-12
	Indeno[1,2,3-c,d]pyrene	621647	1.54E+00 ND	5.28E-09 ND	7.12E-03 7.12E-03	2.00E-02	2E-09	9.16E-04 9.16E-04	3.10E-01 7.00E+00	1E-12
	n-Nitrosodipropylamine	021047	ND	ND	7.12E-03	Total	3E-04	9.10E-04	Total	4E-08
Region 3	Aluminum	7429905			7.12E-03	1.00E-03		9.16E-04		
	Antimony	7440360			7.12E-03	4.00E-04		9.16E-04		
	Arsenic	7440382		3.51E-08	7.12E-03	3.00E-04	8E-07	9.16E-04	1.51E+01	5E-10
	Chromium	18540299_VI	1.54E+01	5.28E-08	7.12E-03	3.00E-05	1E-05	9.16E-04	4.10E+01	2E-09
	Copper	7440508			7.12E-03	4.00E-02		9.16E-04		
	Lead	7439921 7439965 NF	2.97E+02	1.02E-06	7.12E-03	1.42E.05		9.16E-04		
	Manganese Mercury	_	1.19E-01	4.10E-10	7.12E-03 7.12E-03	1.43E-05 8.60E-05	3E-08	9.16E-04 9.16E-04		
	Selenium		5.80E+00	1.99E-08	7.12E-03 7.12E-03	5.00E-03	3E-08	9.16E-04 9.16E-04		
	Benzo[a]anthracene		4.65E+01	1.60E-07	7.12E-03	2.00E-02	6E-08	9.16E-04	3.10E-01	5E-11
	Benzo[a]pyrene		3.52E+01	1.21E-07	7.12E-03	2.00E-02	4E-08	9.16E-04	3.10E+00	3E-10
	Benzo[b]fluoranthene	205992	1.01E+02	3.45E-07	7.12E-03	2.00E-02	1E-07	9.16E-04	3.10E-01	1E-10
	Benzo[k]fluoranthene		3.70E+01	1.27E-07	7.12E-03	2.00E-02	5E-08	9.16E-04	3.10E-02	4E-12
	Chrysene	218019	1.40E+02	4.80E-07	7.12E-03	2.00E-02	2E-07	9.16E-04	3.10E-03	1E-12
	Dibenz[a,h]anthracene	53703	ND	ND	7.12E-03	2.00E-02		9.16E-04	3.10E+00	
	Indeno[1,2,3-c,d]pyrene n-Nitrosodipropylamine	193395 621647	2.20E-01 ND	7.55E-10 ND	7.12E-03 7.12E-03	2.00E-02	3E-10	9.16E-04 9.16E-04	3.10E-01 7.00E+00	2E-13
	1 17					Total	1E-05		Total	3E-09
						4.05=		0.46= -		
Region 4/5	Aluminum	7429905			7.12E-03	1.00E-03		9.16E-04		
	Antimony	7440360	4.75E+00	1.625.00	7.12E-03	4.00E-04	 4E 07	9.16E-04	 1.51E+01	 2E 10
	Arsenic		4.75E+00 1.28E+01	1.63E-08	7.12E-03	3.00E-04	4E-07	9.16E-04	1.51E+01	2E-10
	Chromium Copper	18540299_VI 7440508	1.28E+01	4.39E-08	7.12E-03 7.12E-03	3.00E-05 4.00E-02	1E-05	9.16E-04 9.16E-04	4.10E+01	2E-09
	Lead			3.16E-07	7.12E-03 7.12E-03	4.00E-02		9.16E-04 9.16E-04		
	Manganese	7439965 NF	7.21E+01	J.10L-07	7.12E-03	1.43E-05		9.16E-04		
	Mercury		1.43E-01	4.90E-10	7.12E-03	8.60E-05	4E-08	9.16E-04		
	Selenium	7782492	3.19E-01	1.09E-09	7.12E-03	5.00E-03	2E-09	9.16E-04		
	Benzo[a]anthracene		1.20E-01	4.12E-10	7.12E-03	2.00E-02	1E-10	9.16E-04	3.10E-01	1E-13
	Benzo[a]pyrene		8.20E-02	2.81E-10	7.12E-03	2.00E-02	1E-10	9.16E-04	3.10E+00	8E-13
	Benzo[b]fluoranthene		2.20E-01	7.55E-10	7.12E-03	2.00E-02	3E-10	9.16E-04	3.10E-01	2E-13
	Benzo[k]fluoranthene		5.20E-02	1.78E-10	7.12E-03	2.00E-02	6E-11	9.16E-04	3.10E-02	5E-15
	Chrysene Dibenz[a,h]anthracene	53703	2.22E-01 ND	7.63E-10 ND	7.12E-03 7.12E-03	2.00E-02 2.00E-02	3E-10	9.16E-04 9.16E-04	3.10E-03 3.10E+00	2E-15
	Indeno[1,2,3-c,d]pyrene	193395		2.47E-10	7.12E-03 7.12E-03	2.00E-02 2.00E-02	9E-11	9.16E-04 9.16E-04	3.10E+00 3.10E-01	7E-14
	n-Nitrosodipropylamine	621647	ND	ND	7.12E-03			9.16E-04	7.00E+00	
	1 17 "					Total	1E-05		Total	2E-09

APPENDIX E.5 DETAILED RISK CALCULATION TABLES FOR RESIDENTIAL INHALATION OF PM10 Based on RME Assumptions

D i	Charital	CACN		on RME As		I			7	
Region	Chemical	CAS Number	Csoil (mg/kg)	Cair (mg/m3)	RME HIFNC	Noncancer Risk Inhalation RfD	RiskNC	RME HIFC	Cancer Risk Inhalation SF	RiskC
Region 1	Aluminum	7429905		9.25E-05	1.81E-02	1.00E-03	2E-03	7.75E-03		
region i	Antimony		1.20E+01	4.12E-08	1.81E-02	4.00E-04	2E-06	7.75E-03		
	Arsenic		4.93E+01	1.69E-07	1.81E-02	3.00E-04	1E-05	7.75E-03	1.51E+01	2E-08
	Chromium	18540299_VI	4.57E+01	1.57E-07	1.81E-02	3.00E-05	9E-05	7.75E-03	4.10E+01	5E-08
	Copper		9.32E+03	3.20E-05	1.81E-02	4.00E-02	1E-05	7.75E-03		
	Lead		3.84E+02	1.32E-06	1.81E-02	1 425 05	 4E-02	7.75E-03		
	Manganese Mercury	7439965_NF	8.43E+02 1.85E+01	2.89E-06 6.33E-08	1.81E-02 1.81E-02	1.43E-05 8.60E-05	4E-03 1E-05	7.75E-03 7.75E-03		
	Selenium		8.36E+00	2.87E-08	1.81E-02 1.81E-02	5.00E-03	1E-03	7.75E-03 7.75E-03		
	Benzo[a]anthracene		2.30E+00	7.89E-09	1.81E-02	2.00E-02	7E-09	7.75E-03	3.10E-01	2E-11
	Benzo[a]pyrene	50328	3.11E+00	1.07E-08	1.81E-02	2.00E-02	1E-08	7.75E-03	3.10E+00	3E-10
	Benzo[b]fluoranthene	205992	2.90E+00	9.95E-09	1.81E-02	2.00E-02	9E-09	7.75E-03	3.10E-01	2E-11
	Benzo[k]fluoranthene		2.60E+00	8.92E-09	1.81E-02	2.00E-02	8E-09	7.75E-03	3.10E-02	2E-12
	Chrysene Dibenz[a,h]anthracene		3.11E+00	1.07E-08 2.71E-09	1.81E-02	2.00E-02	1E-08 2E-09	7.75E-03 7.75E-03	3.10E-03	3E-13 7E-11
	Indeno[1,2,3-c,d]pyrene		7.90E-01 3.10E+00	1.06E-08	1.81E-02 1.81E-02	2.00E-02 2.00E-02	1E-08	7.75E-03 7.75E-03	3.10E+00 3.10E-01	3E-11
	n-Nitrosodipropylamine		1.30E+00	4.46E-09	1.81E-02			7.75E-03	7.00E+00	2E-10
	1 17					Total	5E-03		Total	7E-08
Region 2	Aluminum	7429905			1.81E-02	1.00E-03		7.75E-03		
	Antimony	7440360	 5.01E+01	 1.72E.07	1.81E-02	4.00E-04	 1E 05	7.75E-03	1.51E+01	 2E 00
	Arsenic Chromium	/440382 18540299 VI	5.01E+01 3.25E+02	1.72E-07 1.12E-06	1.81E-02 1.81E-02	3.00E-04	1E-05 7E-04	7.75E-03 7.75E-03	1.51E+01 4.10E+01	2E-08 4E-07
	Copper	7440508	3.23E+02	1.12E-06	1.81E-02 1.81E-02	3.00E-05 4.00E-02	/E-04	7.75E-03 7.75E-03	4.10E±01	4E-07
	Lead		3.46E+02	1.19E-06	1.81E-02 1.81E-02	4.00E-02		7.75E-03 7.75E-03		
	Manganese	7439965_NF			1.81E-02	1.43E-05		7.75E-03		
	Mercury	7439976	4.86E-01	1.67E-09	1.81E-02	8.60E-05	4E-07	7.75E-03		
	Selenium		1.56E+02	5.36E-07	1.81E-02	5.00E-03	2E-06	7.75E-03		
	Benzo[a]anthracene		1.41E+00	4.85E-09	1.81E-02	2.00E-02	4E-09	7.75E-03	3.10E-01	1E-11
	Benzo[a]pyrene		1.78E+00 1.83E+00	6.09E-09	1.81E-02	2.00E-02	6E-09	7.75E-03	3.10E+00	1E-10
	Benzo[b]fluoranthene Benzo[k]fluoranthene		1.83E+00 1.33E+00	6.27E-09 4.55E-09	1.81E-02 1.81E-02	2.00E-02 2.00E-02	6E-09 4E-09	7.75E-03 7.75E-03	3.10E-01 3.10E-02	2E-11 1E-12
	Chrysene		2.11E+00	7.22E-09	1.81E-02	2.00E-02 2.00E-02	7E-09	7.75E-03	3.10E-02 3.10E-03	2E-13
	Dibenz[a,h]anthracene		5.15E-01	1.77E-09	1.81E-02	2.00E-02	2E-09	7.75E-03	3.10E+00	4E-11
	Indeno[1,2,3-c,d]pyrene	193395	1.54E+00	5.28E-09	1.81E-02	2.00E-02	5E-09	7.75E-03	3.10E-01	1E-11
	n-Nitrosodipropylamine	621647	ND	ND	1.81E-02	 Total	 7E-04	7.75E-03	7.00E+00 Total	 4E-07
							, =			
Region 3	Aluminum	7429905			1.81E-02	1.00E-03		7.75E-03		
	Antimony	7440360	1.02E+01	2.51E.00	1.81E-02	4.00E-04	 2E 06	7.75E-03	1.51E+01	 4E-09
	Arsenic Chromium	18540299 VI	1.02E+01 1.54E+01	3.51E-08 5.28E-08	1.81E-02 1.81E-02	3.00E-04 3.00E-05	2E-06 3E-05	7.75E-03 7.75E-03	1.51E+01 4.10E+01	4E-09 2E-08
	Copper	7440508		J.20L-00	1.81E-02	4.00E-02	JL-03	7.75E-03	4.10E+01	2L-00
	Lead		2.97E+02	1.02E-06	1.81E-02			7.75E-03		
	Manganese	7439965_NF			1.81E-02	1.43E-05		7.75E-03		
	Mercury		1.19E-01	4.10E-10	1.81E-02	8.60E-05	9E-08	7.75E-03		
	Selenium		5.80E+00	1.99E-08	1.81E-02	5.00E-03	7E-08	7.75E-03		
	Benzo[a]anthracene		4.65E+01	1.60E-07	1.81E-02	2.00E-02	1E-07	7.75E-03	3.10E-01	4E-10
	Benzo[a]pyrene Benzo[b]fluoranthene		3.52E+01 1.01E+02	1.21E-07 3.45E-07	1.81E-02 1.81E-02	2.00E-02 2.00E-02	1E-07 3E-07	7.75E-03 7.75E-03	3.10E+00 3.10E-01	3E-09 8E-10
	Benzo[k]fluoranthene		3.70E+01	1.27E-07	1.81E-02 1.81E-02	2.00E-02 2.00E-02	1E-07	7.75E-03 7.75E-03	3.10E-01 3.10E-02	3E-11
	Chrysene		1.40E+02	4.80E-07	1.81E-02	2.00E-02	4E-07	7.75E-03	3.10E-03	1E-11
	Dibenz[a,h]anthracene	53703	ND	ND	1.81E-02	2.00E-02		7.75E-03	3.10E+00	
	Indeno[1,2,3-c,d]pyrene		2.20E-01	7.55E-10	1.81E-02	2.00E-02	7E-10	7.75E-03	3.10E-01	2E-12
	n-Nitrosodipropylamine	621647	ND	ND	1.81E-02	 T-4-1	 4E 05	7.75E-03	7.00E+00	 2E 00
						Total	4E-05		Total	3E-08
Region 4/5	Aluminum	7429905			1.81E-02	1.00E-03		7.75E-03		
	Antimony	7440360			1.81E-02	4.00E-04		7.75E-03		
	Arsenic		4.75E+00	1.63E-08	1.81E-02	3.00E-04	1E-06	7.75E-03	1.51E+01	2E-09
	Chromium	18540299_VI	1.28E+01	4.39E-08	1.81E-02	3.00E-05	3E-05	7.75E-03	4.10E+01	1E-08
	Copper	7440508			1.81E-02	4.00E-02		7.75E-03		
	Lead		9.21E+01	3.16E-07	1.81E-02	 1 42E 05		7.75E-03		
	Manganese	7439965_NF	1 43E 01	 4.90E-10	1.81E-02	1.43E-05	 1E 07	7.75E-03		
	Mercury Selenium		1.43E-01 3.19E-01	4.90E-10 1.09E-09	1.81E-02 1.81E-02	8.60E-05 5.00E-03	1E-07 4E-09	7.75E-03 7.75E-03		
	Benzo[a]anthracene		1.20E-01	4.12E-10	1.81E-02 1.81E-02	2.00E-03	4E-09 4E-10	7.75E-03 7.75E-03	3.10E-01	1E-12
	Benzo[a]pyrene		8.20E-02	2.81E-10	1.81E-02	2.00E-02	3E-10	7.75E-03	3.10E+00	7E-12
	Benzo[b]fluoranthene		2.20E-01	7.55E-10	1.81E-02	2.00E-02	7E-10	7.75E-03	3.10E-01	2E-12
	Benzo[k]fluoranthene	207089	5.20E-02	1.78E-10	1.81E-02	2.00E-02	2E-10	7.75E-03	3.10E-02	4E-14
	Chrysene		2.22E-01	7.63E-10	1.81E-02	2.00E-02	7E-10	7.75E-03	3.10E-03	2E-14
	Dibenz[a,h]anthracene	53703	ND	ND	1.81E-02	2.00E-02	 2E 10	7.75E-03	3.10E+00	 CE 12
	Indeno[1,2,3-c,d]pyrene n-Nitrosodipropylamine	193395 621647	7.20E-02 ND	2.47E-10 ND	1.81E-02 1.81E-02	2.00E-02	2E-10	7.75E-03 7.75E-03	3.10E-01 7.00E+00	6E-13
	n-iviuosouipiopyiainine	02104/	MD	MD	1.01E=U2	Total	3E-05	1.13E-03	Total	2E-08
							00			_ 00

AOI 1	Chemical	CAS Number	Cgw (mg/L)	Non CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskC
	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic	7440382		1.28E-02	3.00E-04		1.65E-03	1.50E+00	
	Barium Cadmium	7440393 7440439 W		1.28E-02 1.28E-02	7.00E-02 5.00E-04		1.65E-03 1.65E-03		
	Chromium	18540299_VI		1.28E-02	3.00E-03		1.65E-03		
	Manganese	7439965_NF		1.28E-02	2.00E-02		1.65E-03		
	Mercury Selenium	7439976 7782492		1.28E-02 1.28E-02	3.00E-04 5.00E-03		1.65E-03 1.65E-03		
	Silver	7440224		1.28E-02	5.00E-03		1.65E-03		
	2-Methylnaphthalene		4.50E-03	1.28E-02	2.00E-02	3E-03	1.65E-03		
	Acenaphthene	83329	ND	1.28E-02	6.00E-02		1.65E-03	7 20E 01	
	Benzo[a]anthracene Benzo[a]pyrene	56553 50328	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-01 7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-02	
	Chrysene Dibenz[a,h]anthracene	218019 53703	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E+00 7.30E+00	
	Dibenzofuran	132649	ND	1.28E-02	4.00E-03		1.65E-03	7.301:00	
	Fluoranthene	206440	ND	1.28E-02	4.00E-02		1.65E-03		
	Fluorene	86737	ND	1.28E-02	4.00E-02		1.65E-03		
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-01	
	Phenanthrene	85018	ND	1.28E-02	2.00E-02		1.65E-03		
	Pyrene	129000	ND	1.28E-02	3.00E-02		1.65E-03		
	Aroclor-1260	11096825		1.28E-02	2.00E-05		1.65E-03	2.00E+00	
	1,4-Dichlorobenzene 2,6-Dinitrotoluene	106467 606202	ND ND	1.28E-02 1.28E-02	3.00E-02 1.00E-03		1.65E-03 1.65E-03	2.40E-02 6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
	4-Methylphenol (p-Cresol)	106445	ND	1.28E-02	5.00E-03		1.65E-03		
	bis(2-Chloroethyl)ether	111444	ND	1.28E-02	2.005.02		1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate Carbazole	117817 86748	ND ND	1.28E-02 1.28E-02	2.00E-02		1.65E-03 1.65E-03	1.40E-02 2.00E-02	
	n-Nitrosodipropylamine	621647	ND	1.28E-02 1.28E-02			1.65E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	1.28E-02	3.00E-02		1.65E-03	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	1.28E-02	2.80E-01		1.65E-03	5.705.02	
	1,1,2-Trichloroethane 1,1-Dichloroethane	79005 75343	ND ND	1.28E-02 1.28E-02	4.00E-03 1.00E-01		1.65E-03 1.65E-03	5.70E-02	-
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.28E-02	3.00E-02		1.65E-03	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.28E-02	9.00E-03		1.65E-03		
	Acetone Benzene	67641 71432	ND ND	1.28E-02 1.28E-02	1.00E-01 3.00E-03		1.65E-03 1.65E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.28E-02		-	1.65E-03	1.30E-02	-
	cis-1,2-Dichloroethene Dichloromethane	156592 75092	3.70E-03	1.28E-02 1.28E-02	1.00E-02 6.00E-02	8E-04	1.65E-03 1.65E-03	7.50E-03	5E-08
	Ethylbenzene	100414	ND	1.28E-02	1.00E-01		1.65E-03		
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene	108883	ND	1.28E-02	2.00E-01		1.65E-03	1 105 02	
	Trichloroethene Vinyl Chloride	79016 75014_A	ND ND	1.28E-02 1.28E-02	3.00E-04 3.00E-03		1.65E-03 1.65E-03	1.10E-02 7.20E-01	
	Xylenes (Total)	1330207	ND	1.28E-02	2.00E+00	 4E-03	1.65E-03		 5E-08
AOI 12	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic	7440382		1.28E-02	3.00E-04	4E-01	1.65E-03	1.50E+00	2E-05
	Barium	7440393		1.28E-02	7.00E-02	7E-02	1.65E-03		
	Cadmium Chromium	7440439_W 18540299 VI	4.70E-03 3.15E-03	1.28E-02 1.28E-02	5.00E-04 3.00E-03	1E-01 1E-02	1.65E-03 1.65E-03		
	Manganese	7439965 NF		1.28E-02	2.00E-02		1.65E-03		
	Mercury	7439976		1.28E-02	3.00E-04	1E-03	1.65E-03		
	Mercury Selenium	7439976 7782492	1.96E-02	1.28E-02 1.28E-02	3.00E-04 5.00E-03	5E-02	1.65E-03 1.65E-03		-
	Mercury Selenium Silver	7439976 7782492 7440224	1.96E-02 2.40E-03	1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03		1.65E-03 1.65E-03 1.65E-03	-	
	Mercury Selenium	7439976 7782492	1.96E-02	1.28E-02 1.28E-02	3.00E-04 5.00E-03	5E-02 6E-03	1.65E-03 1.65E-03		-
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7439976 7782492 7440224 91576 83329 56553	1.96E-02 2.40E-03 ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[alpyrene	7439976 7782492 7440224 91576 83329 56553 50328	1.96E-02 2.40E-03 ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01	-
	Mercury Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[alpyrene	7439976 7782492 7440224 91576 83329 56553 50328 205992	1.96E-02 2.40E-03 ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01	-
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	-
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,n]anthracene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	-
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,n]anthracene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02	5E-02 6E-03 3E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7439976 7782492 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395 91203	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 3E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-2 7.30E-2 7.30E-03 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02	5E-02 6E-03 3E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E+00	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,n]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 2064440 86737 193395 91203 85018 129000 11096825	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 3E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Grhysene Dibenzo[k]fluoranthene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 4.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 5.00E-02 2.00E-03 3.00E-03 3.00E-02 2.00E-03	5E-02 6E-03 3E-05 4E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-01 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-02	5E-02 6E-03 3E-05 4E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Grhysene Dibenzo[k]fluoranthene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 4.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 5.00E-02 2.00E-03 3.00E-03 3.00E-02 2.00E-03	5E-02 6E-03 3E-05 4E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-01 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mbrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,n]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	5E-02 6E-03 3E-05 4E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-00 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrocresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylpether)	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND - 1.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 3.00E-02 1.00E-04 5.00E-04	5E-02 6E-03 3E-05 4E-05 4E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND - 1.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	5E-02 6E-03 3E-05 4E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrocresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylpether)	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	1.96E-02 2.40E-03 ND ND ND ND ND ND ND ND ND - 1.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	5E-02 6E-03 3E-05 4E-05 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huroanthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	5E-02 6E-03 3E-05 4E-05 4E-02 	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-00 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzoltran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-02 6E-03 3E-05 4E-05 4E-02 8E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[lhluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,5-Dinitrotoluene 4,5-Dinitrotoluene 4,6-Elytheneylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1-Dichloroethane	7439976 7782492 7440224 91576 83339 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04	5E-02 6E-03 3E-05 4E-05 4E-02 	1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-00 7.30E-01 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzoltran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 	5E-02 6E-03 3E-05 4E-02 8E-04 3E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-00 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[lifluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,4-Dichlorobenzene 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,3-3-Trichloropthane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 13703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 77005 75343 96184 107062 540590	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03	5E-02 6E-03 3E-05 4E-05 4E-02 8E-04 3E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzoltran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorobenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Tichloroptane 1,2-Tichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 7755343 96184 107062 540590 67641	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 0.00E-03	5E-02 6E-03 3E-05 4E-05 8E-04 3E-03	1.65E-03 1.65E-03		
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[lifluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,4-Dichlorobenzene 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,3-3-Trichloropthane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 13703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 77005 75343 96184 107062 540590	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03	5E-02 6E-03 3E-05 4E-02	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	11E-06
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[k]naphthalene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitrotoluene 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 5(2-Ethylhevsl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	7439976 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 829000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 67565 71556 79005 75343 96184 107062 540590 67641 71432 124481	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-03 2.00E-03	5E-02 6E-03 3E-05 4E-05 8E-04 3E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.3	1E-06
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[kran Fluoranthene Piloranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,4-Dichlorobenzene 4,6-Dinitro-o-tresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-01	5E-02 6E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	1E-06
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 3.00E-02 4.00E-03	5E-02 6E-03	1.65E-03		
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]apyrene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis[2-Chloroethy]ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane (Loroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106445 111444 117817 86748 621647 87865 71556 75033 96184 1107062 540590 67641 71432 124481 71503 74873	1.96E-02 2.40E-03 ND	1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 2.00E-02 4.00E-03	5E-02 6E-03 3E-05 4E-02	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.96E-02 2.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 3.00E-02 4.00E-03	5E-02 6E-03	1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-00 7.30E-00 7.30E-00 7.30E-01 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[b]Huoranthene Benzo[k]Huoranthene Benzo[k]Huoranthene Dibenzo[k]nanthene Chrysene Dibenzo[a,h]anthracene Dibenzo[and] Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,4-Dichlorobenzene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibrommethane Chlorodibrommethane Chloroethane (Ethyl chloride) Chloromethane Elthylbenzene Etthylbenzene Ettrachloroethene Dichloroethene Etthylbenzene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.96E-02 2.40E-03 ND	1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01	5E-02 6E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-oersol 4-Methylphenol (p-Cresol) bis(2-Erbihev)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 74873 74873 1566592 75092 100414 127184 108883	1.96E-02 2.40E-03 ND	1.28E-02 1.2	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01	5E-02 6E-03	1.65E-03		
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[b]Huoranthene Benzo[k]Huoranthene Benzo[k]Huoranthene Dibenzo[k]nanthene Chrysene Dibenzo[a,h]anthracene Dibenzo[and] Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,4-Dichlorobenzene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibrommethane Chlorodibrommethane Chloroethane (Ethyl chloride) Chloromethane Elthylbenzene Etthylbenzene Ettrachloroethene Dichloroethene Etthylbenzene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene Tetrachloroethene	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	1.96E-02 2.40E-03 ND	1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01	5E-02 6E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	

Actinizery	AOI	Chemical	CAS Number	Cgw (mg/L)	Non CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskC
Barium	AOI 13				1.28E-02	4.00E-04		1.65E-03		
Cadmism								1.65E-03	1.50E+00	
Chromium 188/209 N 236-01 238-02 300-04 3 10 1 Manganese 743906 N 1 238-02 300-04 1 1 1 1 1 1 1 1 1								1.65E-03 1.65E-03		
Mercury 7439976 ND 128E-02 500E-04 Selections 73292 ND 128E-02 500E-04 Selections Silver 7440224 120E-02 128E-02 500E-04 3E-02 3E-		Chromium	18540299_VI	2.30E-01	1.28E-02	3.00E-03	1E+00	1.65E-03		
Scientim								1.65E-03 1.65E-03		
Silver (7440224 1201-02) 128E-02 (100E-03 18-02) 16-01 2-Methylaphthalene (9157 108E-04) 128E-02 (200E-04) 16-03 Renofolghreene (9353) 100E-04 128E-02 (200E-04) 16-03 Renofolghreene (9352) 100E-04 128E-02 (200E-04) 16-03 Renofolghreene (9354) 100								1.65E-03		
Accengalphene		Silver	7440224	1.20E-02	1.28E-02	5.00E-03		1.65E-03		
Benzo[a]anthracene								1.65E-03 1.65E-03		
Benrol[h]flourenthene 205992 2001-04 1.28E-02 2006-02 - 1.6 Chrysene 218019 1.00E-04 1.28E-02 400E-02 2E-03 1.6 Chrysene 2006-03 1.28E-02 400E-02 2E-03 1.6 Chrysene 218019 2.28E-02 2.00E-02 2E-03 1.6 Chrysene 2.28E-02 2.00E-02 2E-03 1.6 Chrysene 2.28E-02 2.00E-02 2E-03 2.28E-02 2.00E-03 2E-03 2.28E-03 2.00E-03 2E-03 2.28								1.65E-03	7.30E-01	1E-07
Bemoil- filuremthene 207089 ND 1.28E-02 200E-02 6E-05 1.0								1.65E-03	7.30E+00	1E-06
Chrysene Dibenzifalpantimacene 218019 100f-04 1.28E-02 200E-02 5-05 1.6 1.6 1.0 1.28E-02 400E-03 1.6 1.28E-04 4.00E-03 1.28E-04 4.00E								1.65E-03 1.65E-03	7.30E-01 7.30E-02	2E-07
Dibenzofuram 132449 ND 1.28E-02 400E-03 2E-03 1.6E								1.65E-03	7.30E-02 7.30E-03	1E-09
Fluorambene 206440 \$208-03 \$128E-02 400E-02 \$26-03 \$16 \$								1.65E-03	7.30E+00	
Fluorene 86737 915-03 128E-02 400E-02 5-05 16 Indemo[1,2,3-cd]pyrene 19395 ND 128E-02 200E-02 5-02 16 Naphthalene 81038 432E-02 128E-02 200E-02 5-02 16 Phream 12900 495E-03 128E-02 200E-02 5-02 16 Pyrene 12900 495E-03 128E-02 200E-02 5-02 16 Arcelo-1260 11096825								1.65E-03 1.65E-03		
Naphthalene								1.65E-03		
Phenamthrene								1.65E-03	7.30E-01	
Pyrene								1.65E-03 1.65E-03	-	
1,4-Dichlorobenzere 106467 ND 1,28E-02 3,00E-02 1,0								1.65E-03		
2.6-Dinitrotoune								1.65E-03	2.00E+00	
4-6-Dinitro-o-cresol								1.65E-03 1.65E-03	2.40E-02 6.80E-01	 8E-06
bis(2-Ehiyhexyl)plether bis(2-Ehiyhexyl)plethalate Carbazole Carbazole R8748 100E-03 128E-02 200E-02 3E-01 16 Carbazole P-Nitrosodipropylamine Pentachlorophenol (PCP) 87865 ND 128E-02 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 200E-02 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 200E-03 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 200E-03 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 200E-03 1.4 Pentachlorophenol (PCP) 87876 ND 128E-02 300E-03 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 300E-04 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 300E-04 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 300E-04 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02 300E-04 2E-03 1.4 Pentachlorophenol (PCP) 87865 ND 128E-02								1.65E-03		
bis(2-Efthylbex)phthalate						5.00E-03		1.65E-03		
Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) R7865 ND 128E-02 1.6 Pentachlorophenol (PCP) R7865 ND 128E-02 1.6 Pentachlorophenol (PCP) R7865 ND 128E-02 200E-01 1.6 1.1,1-Trichlorocethane 1,1-Drichlorocethane 1,1-Drichlorocethane 1,1-Drichlorocethane 1,2-Drichlorocethane 1,2-Dri						2.00E-02		1.65E-03 1.65E-03	1.10E+00 1.40E-02	 1E-05
Pentachlorophenol (PCP)		Carbazole	86748	1.00E-03	1.28E-02			1.65E-03	2.00E-02	3E-08
1,1,1-Trichlorocthane						2.000.00		1.65E-03	7.00E+00	
1,1,2-Trichloroethane								1.65E-03 1.65E-03	1.20E-01	
12,3-Trichloropropane		1,1,2-Trichloroethane	79005	ND	1.28E-02	4.00E-03		1.65E-03	5.70E-02	
1.2-Dichloroethane								1.65E-03	2.005:00	
1.2-Dichlorochene								1.65E-03 1.65E-03	2.00E+00 9.10E-02	
Benzene 71432 2.49E-02 1.28E-02 3.00E-03 1E-01 1.6				ND				1.65E-03	-	
Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 - 1.6								1.65E-03 1.65E-03	 5 50E 02	 2E-06
Chloroethane (Ethyl chloride)								1.65E-03	5.50E-02 8.40E-02	2E-00
cis-1,2-Dichloromethane 156592 - 1,28E-02 6,00E-02 1E-03 1,28E-02 6,00E-02 1E-03 1,28E-02 6,00E-02 1E-03 1,28E-02 1,00E-01 3E-03 1,6 Tetrachloroethene 127184 1,90E-03 1,28E-02 1,00E-01 3E-03 1,6 Toluene 108883 2,60E-03 1,28E-02 3,00E-04 1,6 Trichloroethene 79016 ND 1,28E-02 3,00E-04 1,6 Vinyl Chloride 75014_A ND 1,28E-02 3,00E-04 1,6 Xylenes (Total) 1330207 1,47E-02 1,28E-02 2,00E-04 1,6 Barium 7440380 1,28E-02 3,00E-04 1,6 Cadmium 7440439_W 1,80E-03 1,28E-02 3,00E-04 1,6 Chromium 18540299_VI 1,50E-03 1,28E-02 3,00E-04 1,6 Mercury 7439976 ND 1,28E-02		Chloroethane (Ethyl chloride)	75003	ND	1.28E-02			1.65E-03	2.90E-03	
Dichloromethane								1.65E-03	1.30E-02	
Ethylbenzen								1.65E-03 1.65E-03	7.50E-03	6E-08
Toluene Trichloroethene 79016 ND 1.28E-02 2.00E-01 2E-04 1.6 Vinyl Chloride 75014_A ND 1.28E-02 3.00E-04 1.6 Vinyl Chloride 740140360 1.28E-02 1.00E-04 1.6 Vinyl Chloride 740140360 1.28E-02 1.00E-04 1.6 Vinyl Chloride 8arium 7440382 3.80E-03 1.28E-02 3.00E-04 2E-01 1.6 Vinyl Chloride 8arium 7440393 1.07E-01 1.28E-02 5.00E-04 5E-02 1.6 Chloridium 18540299 VI 1.50E-03 1.28E-02 5.00E-04 5E-02 1.6 Chloridium 7582492 5.20E-03 1.28E-02 5.00E-04 5E-02 1.6 Vinyl Chloridium 7582492 5.20E-03 1.28E-02 5.00E-03 1.28E-02 5.00E-04 1.6 Vinyl Chloridium 7582492 5.20E-03 1.28E-02 5.00E-03 1.28E-03 5.00E-03 1.28E-		Ethylbenzene	100414	2.68E-02	1.28E-02	1.00E-01	3E-03	1.65E-03		
Trichloroethene 79016 ND 1.28E-02 3.00E-04 - 1.6 Vinyl Chloride Xylenes (Total) 1330207 1.47E-02 1.28E-02 3.00E-04 9E-05 1.6 Xylenes (Total) 1330207 1.47E-02 1.28E-02 3.00E-04 9E-05 1.6 Xylenes (Total) 1330207 1.47E-02 1.28E-02 2.00E+00 9E-05 1.6 Xylenes (Total) 1330207 1.47E-02 1.28E-02 2.00E+00 9E-05 1.6 Xylenes (Total) 8E-00 7.00E-02 1.28E-02 3.00E-04 2.2E-01 1.6 Xylenes (Total) 8E-00 7.00E-02 1.28E-02 3.00E-04 2.2E-01 1.6 Xylenes (Total) 8E-00 7.00E-02 1.2E-02 1.0 Xylenes (Total) 8E-00 7.00E-02 1.2E-02 1.0 Xylenes (Total) 8E-02 7.00E-02 1.2E-02 1.0 Xylenes (Total) 8E-02 7.00E-02 1.2E-02 1.0 Xylenes (Total) 8E-03 1.28E-02 3.00E-03 1.2E-02 1.0 Xylenes (Total) 8E-03 1.0 Xylenes (Total								1.65E-03 1.65E-03	5.20E-02	2E-07
Vinyl Chloride 75014_A ND 1.28E-02 3.00E-03 1.6								1.65E-03	1.10E-02	
AOI 18 Antimony 7440360 1.28E-02 4.00E-04 1.0 Arsenic 7440382 3.80E-03 1.28E-02 3.00E-04 2E-01 1.0 Barium 7440393 1.07E-01 1.28E-02 3.00E-04 2E-01 1.0 Cadmium 7440439 W 1.80E-03 1.28E-02 3.00E-04 5E-02 1.0 Chromium 18540299_VI 1.50E-03 1.28E-02 3.00E-04 5E-02 1.0 Manganese 743996_NF 1.28E-02 2.00E-02 1.0 Mercury 743996 ND 1.28E-02 3.00E-04 6E-03 1.0 Selenium 7782492 5.20E-03 1.28E-02 5.00E-03 1.2 Silver 744022 3.00E-03 1.28E-02 5.00E-03 8E-03 1.0 Silver 7440242 3.00E-03 1.28E-02 5.00E-03 8E-03 1.0 Silver 7440242 3.00E-03 1.28E-02 5.00E-03 8E-03 1.0 Acenaphthene 83329 ND 1.28E-02 2.00E-02 1.0 Acenaphthene 83329 ND 1.28E-02 2.00E-02 1.0 Benzo[a]pyrene 50328 ND 1.28E-02 2.00E-02 1.0 Benzo[a]pyrene 50328 ND 1.28E-02 2.00E-02 1.0 Benzo[b]fluoranthene 205992 ND 1.28E-02 2.00E-02 1.0 Benzo[k]fluoranthene 205992 ND 1.28E-02 2.00E-02 1.0 Chrysene 218019 ND 1.28E-02 2.00E-02 1.0 Chrysene 138049 1.28E-02 2.00E-02 1.0 Chrysene 138049 1.28E-02 2.00E-02 1.0 Dibenza[nijanthracene 53703 ND 1.28								1.65E-03	7.20E-01	
Arsenic 7440382 3.80E-03 1.28E-02 3.00E-04 2E-01 1.6 Barium 744039 1.07E-01 1.28E-02 7.00E-02 2E-02 1.6 Barium 744039 W 1.80E-03 1.28E-02 5.00E-04 5E-02 1.6 Chromium 18540299 VI 1.50E-03 1.28E-02 5.00E-04 5E-02 1.6 Chromium 18540299 VI 1.50E-03 1.28E-02 5.00E-04 5E-02 1.6 Chromium 18540299 VI 1.50E-03 1.28E-02 5.00E-04 5E-02 1.6 Chromium 7782492 5.20E-03 1.28E-02 3.00E-04 1.6 Selenium 7782492 5.20E-03 1.28E-02 5.00E-03 1E-02 1.6 Selenium 7782492 5.20E-03 1.28E-03 1.0 Selenium 7782492 5.20E-03 1.2 Selenium 77824		Xylenes (Total)	1330207	1.47E-02	1.28E-02			1.65E-03	Total	2E-04
Arsenic										
Barium	AOI 18							1.65E-03		
Cadmium 7440439 W I.80E-03 1.28E-02 5.00E-04 5E-02 1.6 Chromium 18540299_VI 1.50E-03 1.28E-02 3.00E-03 6E-03 1.6 Manganese 7439965_NF 1.28E-02 2.00E-02 1.6 Mercury 7439965_NF 1.28E-02 3.00E-03 1.28E-02 3.00E-04 1.6 Selenium 778249 5.20E-03 1.28E-02 5.00E-03 8E-03 1.6 Silver 7440224 3.00E-03 1.28E-02 5.00E-03 8E-03 1.6 2-Methylnaphthalene 91576 ND 1.28E-02 2.00E-02 1.6 Benzo[alpytene 50328 ND 1.28E-02 2.00E-02 1.6 Benzo[bifluoranthene 207089 ND 1.28E-02 2.00E-02 1.6 Chrysene 218019 ND 1.28E-02 2.00E-02 1.6 Chrysene 218019 ND 1.28								1.65E-03 1.65E-03	1.50E+00	9E-06
Chromium 18540299 NI 1.50E-03 1.28E-02 3.00E-03 6E-03 1.6 Manganese 7439965 NF — 1.28E-02 2.00E-02 — 1.6 Mercury 7439976 ND 1.28E-02 3.00E-04 — 1.6 Silver 744022 3.0E-03 1.28E-02 5.00E-03 8E-03 1.6 2-Methylnaphthalene 91576 ND 1.28E-02 2.00E-02 — 1.6 Acenaphthene 83329 ND 1.28E-02 2.00E-02 — 1.6 Benzo[a]ghrene 56553 ND 1.28E-02 2.00E-02 — 1.6 Benzo[b]fluoranthene 205929 ND 1.28E-02 2.00E-02 — 1.6 Benzo[k]fluoranthene 207089 ND 1.28E-02 2.00E-02 — 1.6 Chrysene 218019 ND 1.28E-02 2.00E-02 — 1.6 Dibenz[a,h]amthracene 53703 ND 1.28E-02 2.00E-02 — 1.6								1.65E-03		
Mercury		Chromium	18540299_VI		1.28E-02		6E-03	1.65E-03		
Selenium				 NID				1.65E-03 1.65E-03		
Silver 7440224 3,00E-03 1.28E-02 5,00E-03 8E-03 1.6 2-Methylnaphthalene 91576 ND 1.28E-02 2,00E-02 1.6 Acenaphthene 83329 ND 1.28E-02 2,00E-02 1.6 Benzo(alpyrene 50328 ND 1.28E-02 2,00E-02 1.6 Benzo(b)fluoranthene 205992 ND 1.28E-02 2,00E-02 1.6 Benzo(b)fluoranthene 207089 ND 1.28E-02 2,00E-02 1.6 Chrysene 218019 ND 1.28E-02 2,00E-02 1.6 Dibenz/a,lajanthracene 53703 ND 1.28E-02 2,00E-02 1.6 Dibenz/a,lajanthracene 53703 ND 1.28E-02 2,00E-02 1.6 Pituoranthene 206440 ND 1.28E-02 2,00E-02 1.6 Fluoranthene 86737 ND 1.28E-02 2,00E-02 <								1.65E-03		
Acenaphthene 83329 ND 1.28E-02 6.00E-02 - 1.6		Silver	7440224	3.00E-03	1.28E-02	5.00E-03		1.65E-03		
Benzo[a]nutracene 56553 ND 1.28E-02 2.00E-02 1.6								1.65E-03 1.65E-03		
Benzo[b]fluoranthene 205992 ND 1.28E-02 2.00E-02 1.6								1.65E-03	7.30E-01	
Benzo[k]fluoranthene								1.65E-03	7.30E+00	
Chrysene 218019 ND 1.28E-02 2.00E-02 - 1.6 Dibenz/a,Inlanthracene 53703 ND 1.28E-02 2.00E-02 - 1.6 Pitoranthene 206440 ND 1.28E-02 4.00E-02 - 1.6 Fluoranthene 86737 ND 1.28E-02 4.00E-02 - 1.6 Indeno[1,2,3-c,d]pyrene 193395 ND 1.28E-02 2.00E-02 - 1.6 Naphthalene 91203 3.00E-04 1.28E-02 2.00E-02 - 1.6 Pyrene 129000 ND 1.28E-02 2.00E-02 - 1.6 Aroclor-1260 11096825 - 1.28E-02 2.00E-02 - 1.6 2,6-Dinitrotoluene 606202 ND 1.28E-02 3.00E-02 - 1.6 4,6-Dinitro-o-cresol 534521 ND 1.28E-02 3.00E-02 - 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 5.00E-03 -								1.65E-03 1.65E-03	7.30E-01 7.30E-02	
Dibenz/a,hjanthracene 53703 ND 1.28E-02 2.00E-02 - 1.6 Dibenzofuran 132649 - 1.28E-02 2.00E-02 - 1.6 Fluoranthene 206440 ND 1.28E-02 4.00E-02 - 1.6 Fluorene 86737 ND 1.28E-02 4.00E-02 - 1.6 Indeno[1,2,3-c,d]pyrene 19395 ND 1.28E-02 2.00E-02 - 1.6 Naphthalene 91203 3.00E-04 1.28E-02 2.00E-02 - 1.6 Phenanthrene 85018 ND 1.28E-02 2.00E-02 - 1.6 Pyrene 129000 ND 1.28E-02 2.00E-02 - 1.6 Arcolor-1260 11096825 - 1.28E-02 2.00E-02 - 1.6 1,4-Dichlorobenzene 10647 ND 1.28E-02 3.00E-02 - 1.6 4,6-Dinitro-o-cresol 134521 ND 1.28E-02 1.00E-04 - 1.6<		Chrysene						1.65E-03	7.30E-03	-
Fluoranthene 206440 ND 1.28E-02 4.00E-02 - 1.6		Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
Fluorene								1.65E-03 1.65E-03		
Naphthalene 91203 3,000E-04 1.28E-02 2.00E-02 2.E-04 1.6 Phenanthrene 85018 ND 1.28E-02 2.00E-02 2 1.6 Pyrene 129000 ND 1.28E-02 2.00E-02 - 1.6 Aroclor-1260 11096825 - 1.28E-02 3.00E-02 - 1.6 1,4-Dichlorobenzene 106467 ND 1.28E-02 1.00E-03 - 1.6 2,6-Dinitrotoluene 606202 ND 1.28E-02 1.00E-03 - 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 1.00E-03 - 1.6 bis(2-Ethlythexyl)phthalate 117817 7.00E-03 1.28E-02 - - 1.6 Carbazole 86748 ND 1.28E-02 - - 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.0E-02 4E-03 1.6 entabloropstenol (PCP) 87865 ND 1.28E-02 2.00E-02		Fluorene		ND	1.28E-02	4.00E-02		1.65E-03		
Phenanthrene 85018 ND 1.28E-02 2.00E-02 1.6 Pyrene 129000 ND 1.28E-02 2.00E-02 1.6 Aroclor-1260 11096825 1.28E-02 2.00E-02 1.6 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.6 2,6-Dinitrotoluene 606202 ND 1.28E-02 1.00E-03 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 1.00E-03 1.6 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 5.00E-03 1.6 bis(2-Ethylhexyl)phthalate 117817 7.00E-03 1.28E-02 2.00E-02 4E-03 1.6 Carbazole 86748 ND 1.28E-02 2.00E-02 4E-03 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1-2-Trichloroethane 71556 6.0E-02 1.28E-02 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.65E-03</td> <td>7.30E-01</td> <td></td>								1.65E-03	7.30E-01	
Pyrene 129000 ND 1.28E-02 3.00E-02 1.6 Aroclor-1260 11096825 1.28E-02 2.00E-05 1.6 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.6 2,6-Dinitrotoluene 606202 ND 1.28E-02 1.00E-03 1.6 4,6-Dinitro-ocresol 534521 ND 1.28E-02 1.00E-03 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 5.00E-03 1.6 bis(2-Echlorochlyl)bether 111444 ND 1.28E-02 2.00E-02 4E-03 1.6 Carbazole 86748 ND 1.28E-02 2.00E-02 4E-03 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.00E-02 4E-03 1.6 n-Li,1-Trichloroethane 71556 620E-02 1.28E-02 2.80E-01 2E-03 1.6 1,1-2-Trichloroethane 79055 ND 1.28E-0								1.65E-03 1.65E-03		
1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.6 2,6-Dinitrotoluene 606202 ND 1.28E-02 1.00E-03 1.6 4,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-03 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 5.00E-03 1.6 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 1.6 carbazole 86748 ND 1.28E-02 2.00E-02 4E-03 1.6 carbazole 86748 ND 1.28E-02 1.6 e-Nitrosodipropylamine 621647 ND 1.28E-02 1.6 Pentachlorophane 71556 6.0E-02 1.28E-02 3.00E-02 1.6 1,1,2-Trichloroethane 79050 ND 1.28E-02 2.00E-01 3E-03 1.6 1,2-3-Trichloroethane 75343 1.00E-03 1.28E-02 <t< td=""><td></td><td>Pyrene</td><td>129000</td><td>ND</td><td>1.28E-02</td><td>3.00E-02</td><td></td><td>1.65E-03</td><td></td><td></td></t<>		Pyrene	129000	ND	1.28E-02	3.00E-02		1.65E-03		
2,6-Dinitrotoluene 606.202 ND 1.28E-02 1.00E-03 1.6 4,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-04 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 5.00E-03 1.6 bis(2-Ethylhexyl)phthalate 117817 7.00E-03 1.28E-02 1.6 Carbazole 86748 ND 1.28E-02 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 3.00E-02 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1-Trichloroethane 71556 6.20E-02 1.28E-02 2.80E-01 3E-03 1.6 1,1-Dichloroethane 75045 1.00E-03 1.28E-02 2.00E-02 1.0E-03 1.6 1,2-Dichloroethane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 107062 ND <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.65E-03</td> <td>2.00E+00</td> <td></td>								1.65E-03	2.00E+00	
4,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-04 1.6 4-Methylphenol (p-Cresol) 106445 ND 1.28E-02 5.00E-03 1.6 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 5.00E-03 1.6 bis(2-Ethylhexyl)phthalate 117817 7.00E-03 1.28E-02 2.00E-02 4E-03 1.6 Carbazole 86748 ND 1.28E-02 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1,1-Trichloroethane 77505 6.20E-02 1.28E-02 2.80E-01 3E-03 1.6 1,1,2-Trichloroethane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2,3-Trichloroethane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 67641 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 754050 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 754050 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 754050 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 74050 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 74050 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 74432 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 74432 ND 1.28E-02 3.00E-03 1.6 1,2-Dichloroethane 74432 ND 1.28E-02 3.00E-03 1.6								1.65E-03 1.65E-03	2.40E-02 6.80E-01	
bis(2-Chloroethyl)ether 111444 ND 1.28E-02 1.6 bis(2-Ethylhexyl)phthalate 117817 7.00E-03 1.28E-02 2.00E-02 4E-03 1.6 Carbazole 86748 ND 1.28E-02 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1,1-Trichloroethane 71556 6.0E-02 1.28E-02 2.80E-01 3E-03 1.6 1,1-Dichloroethane 75343 1.00E-03 1.28E-02 4.00E-03 1.6 1,2-Dichloroethane 10762 ND 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 10762 ND 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 10762 ND 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 540590 ND		4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
bis(2-Ethylhexyl)phthalate 117817 7.00E-03 1.28E-02 2.00E-02 4E-03 1.6 Carbazole 86748 ND 1.28E-02 - - - 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 - - 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 - 1.6 1,1,1-Trichloroethane 79005 ND 1.28E-02 2.08E-01 3E-03 1.6 1,1,2-Trichloroethane 79005 ND 1.28E-02 4.00E-03 - 1.6 1,1-Dichloroethane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2-3-Trichloropropane 96184 ND 1.28E-02 3.00E-02 - 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 - 1.6 1,2-Dichloroethane 540590 ND 1.28E-02 9.00E-03 - 1.6 1,2-Dichloroethane 67641 ND 1.28E-02 3.00E-02 - 1.6 Acetone 67641 ND 1.28E-02						5.00E-03		1.65E-03	1 10E:00	
Carbazole 86748 ND 1.28E-02 1.6 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.6 Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1,1-Trichloroethane 71556 6.20E-02 1.28E-02 2.80E-01 3E-03 1.6 1,1-Dichloroethane 7905 ND 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 - 1.6 1,2-Dichloroethane 540590 ND 1.28E-02 9.00E-03 - 1.6 1,2-Dichloroethane 540590 ND 1.28E-02 9.00E-03 - 1.6 Acetone 67641 ND 1.28E-02 3.00E-02 - 1.6 Benzene 71432 ND 1.28E-02 3.00E-03						2.00E-02	4E-03	1.65E-03 1.65E-03	1.10E+00 1.40E-02	2E-07
Pentachlorophenol (PCP) 87865 ND 1.28E-02 3.00E-02 1.6 1,1,1-Trichlorothane 71556 6.20E-02 1.28E-02 2.80E-01 3E-03 1.6 1,1,2-Trichlorothane 79005 ND 1.28E-02 4.00E-03 1.6 1,1-Dichlorothane 75343 1.00E-03 1.28E-02 1.00E-01 1E-04 1.6 1,2-3-Trichloropropane 96184 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethane 540590 ND 1.28E-02 9.00E-03 1.6 Acetone 67641 ND 1.28E-02 3.00E-02 1.6 Benzene 71432 ND 1.28E-02 3.00E-03 1.6		Carbazole	86748	ND	1.28E-02			1.65E-03	2.00E-02	
1,1,1-Trichloroethane								1.65E-03	7.00E+00	
1,1,2-Trichloroethane 79005 ND 1,28E-02 4,00E-03 1,6 1,1-Dichloroethane 75343 1,00E-03 1,28E-02 1,00E-01 1E-04 1,00E-01 1,28E-02 6,00E-03 1,6 1,2-Dichloroethane 107062 ND 1,28E-02 3,00E-02 1,6 1,2-Dichloroethane 540590 ND 1,28E-02 9,00E-03 1,6 Acetone 67641 ND 1,28E-02 1,00E-03 1,6 Benzene 71432 ND 1,28E-02 3,00E-03 1,6								1.65E-03 1.65E-03	1.20E-01	
1,2,3-Trichloropropane 96184 ND 1.28E-02 6.00E-03 1.6 1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethene 540590 ND 1.28E-02 9.00E-03 1.6 Acetone 67641 ND 1.28E-02 9.00E-03 1.6 Benzene 71432 ND 1.28E-02 3.00E-03 1.6		1,1,2-Trichloroethane	79005	ND	1.28E-02	4.00E-03		1.65E-03	5.70E-02	
1,2-Dichloroethane 107062 ND 1.28E-02 3.00E-02 1.6 1,2-Dichloroethene 540590 ND 1.28E-02 9.00E-03 1.6 Acetone 67641 ND 1.28E-02 1.00E-01 1.6 Benzene 71432 ND 1.28E-02 3.00E-03 1.6								1.65E-03 1.65E-03	 2.00E+00	
1,2-Dichloroethene 540590 ND 1.28E-02 9.00E-03 1.6 Acetone 67641 ND 1.28E-02 1.00E-01 1.6 Benzene 71432 ND 1.28E-02 3.00E-03 1.6								1.65E-03	9.10E-02	
Benzene 71432 ND 1.28E-02 3.00E-03 1.6		1,2-Dichloroethene	540590		1.28E-02	9.00E-03		1.65E-03		
								1.65E-03 1.65E-03	 5.50E-02	
Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 1.6		Chlorodibromomethane	124481	ND	1.28E-02 1.28E-02	2.00E-02		1.65E-03 1.65E-03	8.40E-02	
Chloroethane (Ethyl chloride) 75003 ND 1.28E-02 4.00E-01 1.6		Chloroethane (Ethyl chloride)	75003	ND	1.28E-02			1.65E-03	2.90E-03	
								1.65E-03	1.30E-02	
								1.65E-03 1.65E-03	7.50E-03	1E-08
Ethylbenzene 100414 ND 1.28E-02 1.00E-01 1.60		Ethylbenzene	100414	ND	1.28E-02	1.00E-01		1.65E-03		
								1.65E-03	5.20E-02	
								1.65E-03 1.65E-03	1.10E-02	
Vinyl Chloride 75014_A ND 1.28E-02 3.00E-03 1.6		Vinyl Chloride	75014_A	ND	1.28E-02	3.00E-03		1.65E-03	7.20E-01	
		Xylenes (Total)	1330207	ND	1.28E-02			1.65E-03	Total	 1E-05
Total 3E-01						1 Otal	JE=U1		Total	1E-05

AOI	Chemical	CAS Number	Cgw (mg/L)	Sumptions Non CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskC
AOI 19	Antimony	7440360	(Hig/L)	1.28E-02	4.00E-04		1.65E-03		
	Arsenic	7440382	ND	1.28E-02	3.00E-04		1.65E-03	1.50E+00	
	Barium		4.56E-01 ND	1.28E-02	7.00E-02	8E-02	1.65E-03		-
	Cadmium Chromium	7440439_W 18540299 VI	5.80E-04	1.28E-02 1.28E-02	5.00E-04 3.00E-03	2E-03	1.65E-03 1.65E-03		-
	Manganese	7439965_NF	-	1.28E-02	2.00E-02		1.65E-03		
	Mercury	7439976	ND	1.28E-02	3.00E-04		1.65E-03		
	Selenium Silver		2.34E-02 2.40E-03	1.28E-02 1.28E-02	5.00E-03 5.00E-03	6E-02 6E-03	1.65E-03 1.65E-03		
	2-Methylnaphthalene		2.00E-03	1.28E-02	2.00E-02	1E-03	1.65E-03		
	Acenaphthene	83329	8.00E-04	1.28E-02	6.00E-02	2E-04	1.65E-03		
	Benzo[a]anthracene	56553	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[a]pyrene Benzo[b]fluoranthene	50328 205992	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E+00 7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01 7.30E-02	
	Chrysene	218019	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran Fluoranthene	132649 206440	 ND	1.28E-02 1.28E-02	4.00E-03 4.00E-02		1.65E-03 1.65E-03		-
	Fluorantnene		1.00E-03	1.28E-02 1.28E-02	4.00E-02 4.00E-02	3E-04	1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Naphthalene	91203	ND	1.28E-02	2.00E-02		1.65E-03		
	Phenanthrene		2.00E-04	1.28E-02	2.00E-02	1E-04	1.65E-03		
	Pyrene Aroclor-1260	129000 11096825	ND 	1.28E-02 1.28E-02	3.00E-02 2.00E-05		1.65E-03 1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
	4-Methylphenol (p-Cresol)	106445 111444	ND ND	1.28E-02	5.00E-03		1.65E-03	 1.10E+00	
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate		3.00E-04	1.28E-02 1.28E-02	2.00E-02	2E-04	1.65E-03 1.65E-03	1.40E+00	7E-09
	Carbazole	86748	ND	1.28E-02		-	1.65E-03	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	1.28E-02	2.005.01		1.65E-03	7.00E+00	
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane	87865 71556	ND ND	1.28E-02 1.28E-02	3.00E-02 2.80E-01		1.65E-03 1.65E-03	1.20E-01	
	1,1,2-Trichloroethane	79005	ND ND	1.28E-02 1.28E-02	4.00E-03		1.65E-03 1.65E-03	5.70E-02	-
	1,1-Dichloroethane	75343	ND	1.28E-02	1.00E-01		1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND ND	1.28E-02 1.28E-02	3.00E-02 9.00E-03		1.65E-03	9.10E-02	
	Acetone	67641	ND	1.28E-02 1.28E-02	9.00E-03 1.00E-01		1.65E-03 1.65E-03		
	Benzene	71432	ND	1.28E-02	3.00E-03		1.65E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	74873 156592	ND ND	1.28E-02 1.28E-02	1.00E-02		1.65E-03 1.65E-03	1.30E-02	
	Dichloromethane	75092	ND	1.28E-02	6.00E-02		1.65E-03	7.50E-03	
	Ethylbenzene	100414	ND	1.28E-02	1.00E-01		1.65E-03		
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene Trichloroethene	108883 79016	ND ND	1.28E-02 1.28E-02	2.00E-01 3.00E-04		1.65E-03 1.65E-03	1.10E-02	
	Vinyl Chloride	75014_A	ND	1.28E-02	3.00E-03		1.65E-03	7.20E-01	
	Xylenes (Total)	1330207	ND	1.28E-02	2.00E+00 Total	 2E-01	1.65E-03	 Total	 7E-09
AOI 20	Antimony Arsenic		 1.46E-02	1.28E-02 1.28E-02	4.00E-04 3.00E-04	 6E-01	1.65E-03 1.65E-03	 1.50E+00	 4E-05
	Barium		3.91E-01	1.28E-02	7.00E-02	7E-02	1.65E-03		
	Cadmium Chromium	7440439_W 18540299 VI	3.90E-03 2.03E-02	1.28E-02 1.28E-02	5.00E-04 3.00E-03	1E-01 9E-02	1.65E-03 1.65E-03		
	Manganese	7439965 NF	2.03E-02	1.28E-02 1.28E-02	2.00E-02	9E-02	1.65E-03		
	Mercury		3.60E-05	1.28E-02	3.00E-04	2E-03	1.65E-03		
	Selenium		4.00E-03	1.28E-02	5.00E-03	1E-02	1.65E-03		
	Silver 2-Methylnaphthalene		2.40E-03 6.58E-03	1.28E-02 1.28E-02	5.00E-03 2.00E-02	6E-03 4E-03	1.65E-03 1.65E-03		
	Acenaphthene		3.00E-03	1.28E-02	6.00E-02	6E-04	1.65E-03		
	Benzo[a]anthracene	56553	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01 7.30E-02	-
	Benzo[k]fluoranthene Chrysene	207089 218019	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-02 7.30E-03	-
	Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran	132649	ND	1.28E-02	4.00E-03		1.65E-03		
	Fluoranthene Fluorene	206440 86737	ND 1.50E-03	1.28E-02 1.28E-02	4.00E-02 4.00E-02	 5E-04	1.65E-03 1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02 1.28E-02	2.00E-02	3E-04	1.65E-03	7.30E-01	
	Naphthalene	91203	1.30E-03	1.28E-02	2.00E-02	8E-04	1.65E-03		
	Phenanthrene		1.40E-03	1.28E-02	2.00E-02	9E-04	1.65E-03		
	Pyrene Aroclor-1260	129000 11096825	5.00E-05	1.28E-02 1.28E-02	3.00E-02 2.00E-05	2E-05	1.65E-03 1.65E-03	2.00E+00	
	1,4-Dichlorobenzene		4.00E-04	1.28E-02 1.28E-02	3.00E-02	2E-04	1.65E-03	2.40E-02	2E-08
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445	ND ND	1.28E-02 1.28E-02	5.00E-03		1.65E-03	 1 10E+00	
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	111444 117817	ND 4.80E-02	1.28E-02 1.28E-02	2.00E-02	3E-02	1.65E-03 1.65E-03	1.10E+00 1.40E-02	1E-06
	Carbazole	86748		1.28E-02			1.65E-03	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	1.28E-02	2.005.02		1.65E-03	7.00E+00	
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane	87865 71556	ND ND	1.28E-02 1.28E-02	3.00E-02 2.80E-01		1.65E-03	1.20E-01	
	1,1,2-Trichloroethane	71556 79005	ND ND	1.28E-02 1.28E-02	2.80E-01 4.00E-03		1.65E-03 1.65E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	1.28E-02	1.00E-01		1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND ND	1.28E-02 1.28E-02	3.00E-02 9.00E-03		1.65E-03	9.10E-02	
	1,2-Dichloroethene Acetone	540590 67641	ND 7.46E-03	1.28E-02 1.28E-02	9.00E-03 1.00E-01	1E-03	1.65E-03 1.65E-03		
	Benzene		6.00E-04	1.28E-02 1.28E-02	3.00E-03	3E-03	1.65E-03	5.50E-02	5E-08
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	74873 156592	ND ND	1.28E-02 1.28E-02	1.00E-02		1.65E-03 1.65E-03	1.30E-02	
	Dichloromethane		1.40E-03	1.28E-02 1.28E-02	6.00E-02	3E-04	1.65E-03	7.50E-03	2E-08
	Ethylbenzene	100414	ND	1.28E-02	1.00E-01	JL=04	1.65E-03	7.30E-03	
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene		1.60E-03	1.28E-02	2.00E-01	1E-04	1.65E-03	 1 10E 02	
	Trichloroethene Vinyl Chloride	79016 75014 A	ND 6.00E-04	1.28E-02 1.28E-02	3.00E-04 3.00E-03	3E-03	1.65E-03 1.65E-03	1.10E-02 7.20E-01	7E-07
	Xylenes (Total)		1.00E-03	1.28E-02	2.00E+00	6E-06	1.65E-03		
					Total	9E-01		Total	4E-05
	Ayienes (10tal)	1330207	1.00E-03	1.28E-02			1.05E-03	Tota	1

Authon A	Administry					sumptions					
Authors	Authors 744058 746052 1257-03 1061-04 1256-05 1059-05	AOI	Chemical	CAS Number	Cgw (mg/L)	Nor CTE HIFNC					Risk
Salmon	Barlum	OI 21	Antimony			1.28E-02					
Calmium Chamium Chamiu	Cammum Chemum Ch										4E-0
Mangemore 749996, Pro	Manganes										
Nereury 749976 906-656 2365-64 306-64 45-64 65-63 -	Mercusy				3.21E-02						
Selemin	Selmin Sylver				0.000.05						
Silver	Salver 140224 1016-06 1281-02 5006-05 16-05 1655-05 1-05-06 16-05 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 16-05 1-05-06 1-										
Remoral plantmene	Accompánismes										
Remod plintmeneme	Remord julmbraceme										
Bernord	Benwal phyreme 50328 ND 128E-02 2006-02 - 1 65E-05 730E-105										2E-0
Bezwal plinarenthene	Bezwoll-plinocenthene 209992 ND 128E-02 2006-02 - 165E-03 730E-04 Chrysene 200902 ND 128E-02 2006-02 E-64 165E-03 730E-04 165E-03										2E-(
Chysene	Chrysene 1980 3000-40 1881-02 2006-62 26.04 1685-03 7300-50 1881-02 2006-02 26.04 1685-03 7300-50 2006-02 26.04 1685-03 7300-50 26.04 26.0										
Dibenofan Dibenofan Dibenofan Dibenofan Dibenofan Dibenofan 13266 No. 123E-02 2006-02 1.65E-03 7.06E-04 Floramhene 13266 No. 123E-02 4006-02 204 165E-03 7.06E-04 182E-03 123E-02 2006-02 1.65E-03 7.06E-04 182E-03 123E-02 2006-02 1.65E-03 7.06E-04 1.06E-03 1.06E-04	Discord planulmacene 53703 ND 1284-02 2006-02 - 1656-03 7-305-04 Planumbene 20440 5006-44 1284-02 4006-02 2-64 1656-03 - 1										
Debenofirme	Debaconforms										4E-
Finorambene	Finomathen									7.501.00	
Indene 1,23-cd 1,933-99 No. 1,285-02 20,082-02 1,655-03 1,655	Indens 1_23-cd Jypycee		Fluoranthene	206440	5.00E-04	1.28E-02	4.00E-02		1.65E-03		
Napshalatene	Napshalacine									 7.20F.01	
Priesambrace 1,200 1,000	Priesambrene \$3018 2466-09 1286-02 2006-02 26-03 1658-03 0-4										-
Arceler-1209	Arceles-1200 1196825 2. 128E-02 200E-05 2. 1.65E-03 2.04E-02										
1.4-behlorochemen	4-Dehlorocheneme										
4.6-Dimitro-Gresori 5452 500E-63 2.00E-63 1.65E-03 4.6-Dimitro-Gresori 5452 500E-63 2.00E-63 1.65E-03 4.6-Dimitro-Gresori 5452 500E-63 2.00E-63 1.65E-03 500E-63 500E-63 1.65E-03 1.65E-03 1.65E-03 600E-63 600E-63 1.65E-03	Δ-Dimitrocluene 606.002 N.D. 2.8E-02 1.00E-03 5.0E-03										
4-6-Dmitro-o-cress 53452 500c.03 128E-02 500c.04 61.00 1 65E-03 -	4-Ohnitro-o-creen										-
A-Methylphenol (p-Cresof) bisQ-C-Chrorethylphenol 10644 ND 128E-02 2.00E-02 - 1.05E-03 1.00E-05 1.00E-05 bisQ-E-thylbecylphallule 117817 6.86E-02 128E-02 2.00E-02 4E-02 1.05E-03 1.00E-02 2.00E-02 4E-02 1.05E-03 1.00E-02 2.00E-02 4E-02 1.05E-03 1.00E-02 2.00E-02 4E-02 1.05E-03 1.00E-02 2.00E-02 4E-02 1.05E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-0	A-Methylphenol (p-Cresol) 106445 ND										
big/2-Ethylhesylphilaphate	big/2-Entythesylphethales		4-Methylphenol (p-Cresol)	106445	ND	1.28E-02					
Carbazole	Carbazole										
Pentachforophenia (PCP)	Pentachrophenol (PCP)										2E- 3E-
Pentachkrophenol (PCP)	Pentachkrophenol (PCP)			621647	ND					7.00E+00	-
1,1,2-Triehlorochane	1,1,2-Trichlorocethane		Pentachlorophenol (PCP)	87865	7.00E-04	1.28E-02			1.65E-03		1E-
1,1-Dischlorovethane	1,1-Dischloroschame									 5 70E 00	-
1,2,3-Trichloropropage 96184 ND 1,28E-02 600E-03 - 1 1,65E-03 2,00E-04 1,24-050 1,24-050 1,24-050 1,24-050 1,25E-02 1,06E-03 1,0E-03 1,24-050	1,2,3-Trickhloropenpane									5. /0E-02	-
1,2-Dichloroethane	1,2-Dichloroschame									2.00E+00	_
Acetone Benzene 67641 2 40E-03 128E-02 100E-05 2E-02 165E-03 50E-07 Chlorodibromomchane 7132 42E-05 20E-02 165E-03 50E-07 Chloromethane (Ethyl chloride) 78673 30E-02 128E-02 20E-06 - 1.65E-03 8.40E-02 Chloromethane (Methyl chloride) 78673 39E-03 128E-02 - 1.00E-02 - 1.65E-03 3.00E-02 cs-1.25E-04 100E-02 - 1.65E-03 3.00E-02 cs-1.25E-04 100E-02 - 1.65E-03 3.00E-02 128E-02 100E-02 - 1.65E-03 3.00E-02 128E-02 100E-02 - 1.65E-03 3.00E-02 128E-02 100E-02 - 1.65E-03 1.00E-02 1.00E-02 - 1.00E-02 - 1.00E-02 - 1.65E-03 1.00E-02 1.00E-02 - 1.00E-03 - 1.	Acetone Benzene 7412 42481-03 1288-02 1008-03 28-04 1.658-03 5-0-1 Chlorodibrommehane 712481 ND 1288-02 2008-03 28-04 1.658-03 5-0-1 Chloromehane (Ethyl chloride) 74873 3928-03 1.288-02 2008-02 1.658-03 3908-02 cis-1_2.2016-04 cis-1_2.		1,2-Dichloroethane		ND	1.28E-02	3.00E-02		1.65E-03		-
Benzeme	Benzene 71432 24E-03 128E-02 200E-03 2-02 1.65E-03 5.50E-02 Chloroedhmen(Ehtly) chloride) 75003 ND 128E-02 200E-02 - 1.65E-03 3.20E-03 cis-i-j-2.Dichloroedhmen (Methy) chloride) 75003 ND 128E-02 200E-03 - 1.65E-03 2.90E-03 cis-i-j-2.Dichloroedhme 75002 ND 128E-02 2.00E-03 - 1.65E-03 3.20E-03 cis-i-j-2.Dichloroedhme 75002 ND 128E-02 2.00E-03 - 2.60E-03 - 1.65E-03 3.20E-03 cis-i-j-2.Dichloroedhme 75002 ND 128E-02 2.00E-03 - 2.60E-03 -										-
Chioroethane (Ethyl chloride) Chioromethane (Methyl chloride) Chioromethane (Methyl chloride) Chioromethane (Methyl chloride) Chioromethane (Methyl chloride) Chioromethane Chioromethan	Chlorodibromenhane Chlorodibromenhane Chloromethane (Ehlyt chloride) Chloromethane (Ehlyt chloride) Chloromethane (Ehlyt chloride) Chloromethane Chlorometha									5 50E-02	4E-
Chioromethane (Methyl chloride) 74873 39ZE-03 1.28E-02 1.00E-02 2E-01 1.65E-03 7.00E-02 Dichloromethane 75092 ND 1.28E-02 1.00E-02 2E-01 1.65E-03 7.00E-03 Ethylbenzene 101414 500E-04 1.28E-02 1.00E-02 2E-01 1.65E-03 7.00E-03 Tolucane 127184 ND 1.28E-02 1.00E-02 2E-01 1.65E-03 7.00E-03 Tolucane 127184 ND 1.28E-02 1.00E-02 2E-01 1.65E-03 7.00E-02 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.00E-02 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.0E-03 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.0E-03 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.0E-03 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.0E-03 Yinyl Chloride 75014 A 5.09E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 1.28E-03 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 1.28E-03 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl Chloride 744039 4.5TE-01 1.28E-02 3.00E-04 7E-01 1.65E-03 7.0E-03 Yinyl	Chloromethane (Methyl chloride) cis.12.Dichloromethane Dichloromethane Dichloromethane T5092 ND 12.EE-02 10.EE-02 10.EE-02 Tetrachlorosethene T104 Tetrachlorosethene T104 Toluene T104 T0luene T104 T104 T0luene T106 T0luene T104 T0luene T104 T0luene T104 T0luene T104 T0luenee T1										-
Cisi-1,2-Dichlorochene 156592 128E-01 1.28E-02 1.00E-02 2E-01 1.65E-03 7.50E-03 Ethylhenzene 10414 5.00E-04 1.28E-02 1.00E-01 6.055 1.65E-03 7.50E-03 Tolloche 1.28E-02 1.00E-01 6.055 1.65E-03 7.50E-03 Tolloche 1.28E-02 1.00E-01 1.65E-03 7.50E-03 Tolloche 1.28E-02 1.00E-01 1.65E-03 7.00E-03 Tolloche 1.00E-03 1.28E-02 1.00E-01 1.65E-03 7.00E-03 1.00E-03 1.00E-	Cis-1,2-Dichlororchene 156592 120E-01 125E-02 100E-01 1.65E-03 5-D-01 1.65E-03 1.65E-0						4.00E-01				-
Dichloromethane 75002 ND 128E-02 6.00E-02 6.5E-03 7.50E-03 1.5E-03 7.50E-03 1.5E-04 1.5E-03 1.5E-04 1.5E-0	Dichloromethane							 2E 01			8E-
Ethybenzene 100414 500E-04 1.28E-02 1.00E-02 1.65E-03 3.20E-02 Toluene 10883 3.42E-03 1.28E-02 1.00E-02 1.65E-03 3.20E-02 Toluene 10883 3.42E-03 1.28E-02 2.00E-04 1.65E-03 3.20E-02 Yinyl Chloride 7.5014 A 5.09E-02 1.28E-02 3.00E-04 2.E-04 1.65E-03 7.20E-01 Xylenes (Total) 7.5014 A 5.09E-02 1.28E-02 3.00E-03 2.E-04 1.65E-03 7.20E-01 7.50E-03 7.20E-03 7.20E-	Ethylbenzene										-
Toluene Trichforochene 79016 5 ASE-03 128E-02 200E-04 12E-04 1.65E-03 1.010E-02 Vinyl Chloride 75014 A 5.09E-02 128E-02 3.00E-03 2E-01 1.65E-03 7.20E-01 Xylenes (Total) 75014 A 5.09E-02 128E-02 3.00E-03 2E-01 1.65E-03 7.20E-01 Xylenes (Total) 75014 A 5.09E-02 128E-02 3.00E-03 2E-06 1.65E-03 7.20E-01 Total 75014 A 7.00E-03 7.00E-01 7.00E-03 7.20E-01 7.00E-03 7.0	Toluene Trichloroethene 75014_A 509E-02 128E-02 200E-04 15-04 165E-03 1-10E-02 Vinyl Chloride 75014_A 509E-02 128E-02 300E-04 15-01 165E-03 7-20E-04 15-05E-04 15-05E-							6E-05			
Trichloroethene Vinyl Chloride Vinyl	Trichloroethene Vinyl Chloride Vinyl									5.20E-02	
Vinyl Chloride 75014_A 5.09E-02 1.28E-02 3.00E-03 2.E-01 1.65E-03 7.20E-01 7.00E-03 7.00E-04 7.00E-	Vinyl Chloride 75014_A 509E-02 128E-02 3.00E-03 126E-01 1.65E-03 - Total									1 10E 02	1E-
AOI 22A Antimony	Accessive										6E-
AO122A Antimony Arsenic Arsenic Arsenic Barium Arsenic Artifolic Barium Barium Artifolic Barium Barium Artifolic Barium Artifolic Barium Barium Artifolic Barium Barium Artifolic Barium Barium Artifolic Barium A	AOI 22A Antimony Arsenic Arsenic T440382 1.66E-02 1.28E-02 3.00E-04 T-01 1.65E-03 1.50E-04 Cadmium T440439 M 57E-01 1.28E-02 3.00E-04 T-01 1.65E-03 1.50E-04 Cadmium T440439 M 57E-01 1.28E-02 Cadmium T8540299 VI 3.10E-03 1.28E-02 3.00E-03 1E-02 1.65E-03 Chromium 18540299 VI 3.10E-03 1.28E-02 3.00E-03 1E-02 1.65E-03 Chromium 18540299 VI 3.10E-03 1.28E-02 3.00E-03 1E-02 1.65E-03 Chromium 782492 5.90E-03 1.28E-02 3.00E-03 1E-02 1.65E-03 Chromium 782492 5.90E-03 1.28E-02 2.00E-02 2.165E-03 Selenium 782492 5.90E-03 1.28E-02 2.00E-02 2.165E-03 3.0E-03 Selenium 782492 5.90E-03 1.28E-02 2.00E-02 2.165E-03 3.0E-03 Selenium 782492 5.90E-03 1.28E-02 2.00E-02 2.165E-03 3.0E-03 Selenium 782492 5.90E-03		Xylenes (Total)	1330207	1.00E-03	1.28E-02			1.65E-03		1E-
Cadmium	Cadmium	OI 22A	Arsenic	7440382	1.66E-02	1.28E-02	3.00E-04	7E-01	1.65E-03	1.50E+00	4E-
Chromium	Chromium										
Manganese 7439965_NF 102E+00 128E+02 2.00E+02 7E-01 1.65E+03	Manganese										-
Selenium	Selenium		Manganese			1.28E-02					-
Silver	Silver										-
2-Methylnaphthalene	2-Methylnaphthalene										-
Renzo a anthracene \$3329 493E-03 1.28E-02 6.00E-02 E-03 1.65E-03 7.30E-01	Renzo[a]anthracene \$3329 493E-02 6.00E-02 E-03 1.65E-03 7.30E-01										_
Benzo a pyrene S0328 ND L28E-02 2.00E-02 - 1.65E-03 7.30E-00	Benzo[a]pyrene S0328 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-01		Acenaphthene	83329	4.93E-03	1.28E-02	6.00E-02		1.65E-03		-
Benzo[k]fluoranthene 205992 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-01	Benzo[b]fluoranthene 205992 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Chrysene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenz[a,h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenz[a,h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenz[a,h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenzofuran 132649 9.40E-03 1.28E-02 4.00E-02 3.6E-02 1.65E-03 1.65E-0		Benzo[a]anthracene	56553	ND				1.65E-03	7.30E-01	-
Benzo[k]fluoranthene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02	Benzo[k]fluoranthene 207089 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Chrysene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenz[a,h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-02 Dibenzofuran 132649 9.40E-03 1.28E-02 4.00E-03 3.E-02 1.65E-03 1.65E-03 7.30E-02 Dibenzofuran 132649 9.40E-03 1.28E-02 4.00E-02 2.F-04 1.65E-03 1.65E-03 1.65E-03 1.28E-02 4.00E-02 2.F-03 1.65E-03 1.65E-03 1.28E-02 4.00E-02 2.F-03 1.65E-03 1.65E-03 1.28E-02 2.00E-02 2.F-03 1.65E-03 1.65E-03 1.65E-03 1.28E-02 2.00E-02 2.F-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.28E-02 2.00E-02 2.F-03 1.65E-03 1.65E-03										-
Chrysene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-03 Dibenz/a,hjanthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-00 Pluoranthene 206440 2.26E-03 1.28E-02 4.00E-02 7E-04 1.65E-03 Fluorene 86737 6.84E-03 1.28E-02 4.00E-02 7E-04 1.65E-03 Indeno[1,2,3-c,d]pyrene 193395 ND 1.28E-02 2.00E-02 2E-03 1.65E-03 Naphthalene 91203 2.42E-03 1.28E-02 2.00E-02 2E-03 1.65E-03 Pyrene 129000 3.46E-03 1.28E-02 2.00E-02 1.65E-03 Aroclor-1260 11096825 ND 1.28E-02 2.00E-02 1.65E-03 2.00E-02 1,4-Dichlorobenzene 106467 ND 1.28E-02 2.00E-03 1.65E-03 2.00E-04 4,6-Dinitro-ocresol 534521 ND 1.28E-02 <td>Chrysene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-05 Dibenz/a, h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-06 Fluoranthene 206440 2.26E-03 1.28E-02 4.00E-02 7.E-04 1.65E-03 Fluorene 86737 6.8E-03 1.28E-02 4.00E-02 7.E-04 1.65E-03 Indeno[1,2.3-c.d]pyrene 193395 ND 1.28E-02 2.00E-02 2.E-03 1.65E-03 7.30E-01 Naphthalene 91203 2.42E-03 1.28E-02 2.00E-02 2.E-03 1.65E-03 Pyrene 129000 3.46E-03 1.28E-02 2.00E-02 2.E-03 1.65E-03 Aroclo-1260 11096825 ND 1.28E-02 2.00E-02 1.E-03 1.65E-03 2.00E-02 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.65E-03 2.00E-02 4,6-Dinitro-o-cresol <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td></t<></td>	Chrysene 218019 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-05 Dibenz/a, h]anthracene 53703 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-06 Fluoranthene 206440 2.26E-03 1.28E-02 4.00E-02 7.E-04 1.65E-03 Fluorene 86737 6.8E-03 1.28E-02 4.00E-02 7.E-04 1.65E-03 Indeno[1,2.3-c.d]pyrene 193395 ND 1.28E-02 2.00E-02 2.E-03 1.65E-03 7.30E-01 Naphthalene 91203 2.42E-03 1.28E-02 2.00E-02 2.E-03 1.65E-03 Pyrene 129000 3.46E-03 1.28E-02 2.00E-02 2.E-03 1.65E-03 Aroclo-1260 11096825 ND 1.28E-02 2.00E-02 1.E-03 1.65E-03 2.00E-02 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.65E-03 2.00E-02 4,6-Dinitro-o-cresol <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td></t<>										_
Dibenzofuran 132649 940E-03 1.28E-02 4.00E-03 3E-02 1.65E-03 Fluoranthene 206440 2.26E-03 1.28E-02 4.00E-02 7E-04 1.65E-03 Fluorene 86737 6.84E-03 1.28E-02 4.00E-02 7E-04 1.65E-03 Indeno[1,2,3-c,d]pyrene 193395 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-01 Naphthalene 91203 2.42E-03 1.28E-02 2.00E-02 2E-03 1.65E-03 Phenanthrene 85018 1.07E-02 1.28E-02 2.00E-02 7E-03 1.65E-03 Pyrene 1.2900 3.46E-03 1.28E-02 2.00E-02 7E-03 1.65E-03 Pyrene 1.2900 3.46E-03 1.28E-02 2.00E-02 7E-03 1.65E-03 Pyrene 1.096825 ND 1.28E-02 3.00E-02 7E-03 1.65E-03 1.4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.65E-03 2.00E-00 1.4-Dichlorobenzene 606202 ND 1.28E-02 3.00E-02 1.65E-03 3.00E-02 4.6-Dinitro-o-cresol 534521 ND 1.28E-02 5.00E-03 5E-03 1.65E-03 4.4-Methylphenol (p-Cresol) 106445 2.00E-03 1.28E-02 5.00E-03 5E-03 1.65E-03 bis(2-Chioroethyl)ether 111444 ND 1.28E-02 2.00E-02 6E-03 1.65E-03 bis(2-Ethylphenol (p-Cresol) 114444 ND 1.28E-02 2.00E-02 6E-03 1.65E-03 1.00E-00 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.00E-02 6E-03 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.00E-02 6E-03 1.65E-03 7.00E-00 1,1,1-Trichloroethane 71556 2.62E-01 1.28E-02 2.00E-02 3.60E-01 6.5E-03 7.00E-00 1,1,1-Trichloroethane 7585 3.00E-03 1.28E-02 2.00E-02 3.6E-01 6.5E-03 7.00E-00 1,2,3-Trichloropropane 6184 1.50E-02 1.28E-02 3.00E-02 5E-04 6.5E-03 5.70E-02 1,2-Dichloroethane 7432 1.18E-02 1.28E-02 3.00E-02 5E-04 6.5E-03 5.70E-02 1,2-Dichloroethane 74481 ND 1.28E-02 5.00E-03 5.0E-04 6.5E-03 5.70E-02 1,2-Dichloroethene 540590 3.70E+00 1.28E-02 5.00E-03 5.0E-04 6.5E-03 5.00E-03 5.70E-02 1,2-Dichlo	Dibenzofuran 132649 40E-03 1.28E-02 4.00E-03 7.6E-03 7.0E-04 1.65E-03 7.0E-04 7.0E-0		Chrysene	218019	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	-
Fluoranthene 206440 226E-03 1.28E-02 4.00E-02 7.E-04 1.65E-03 Indeno[1,2,3-c,d]pyrene 193395 ND 1.28E-02 2.00E-02 1.65E-03 7.30E-01 Naphthalene 91203 2.42E-03 1.28E-02 2.00E-02 2.E-03 1.65E-03 7.30E-01 Naphthalene 85018 1.07E-02 1.28E-02 2.00E-02 2.E-03 1.65E-03 Pyrene 1.2900 3.46E-03 1.28E-02 2.00E-02 7.E-03 1.65E-03 Pyrene 1.2900 3.46E-03 1.28E-02 2.00E-02 7.E-03 1.65E-03 Aroclor-1260 11096825 ND 1.28E-02 2.00E-05 1.65E-03 2.40E-02 2.60E-01 1.4Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.65E-03 2.40E-02 2.6Dinitro-ocresol 534521 ND 1.28E-02 1.00E-04 1.65E-03 2.40E-02 2.6Dinitro-ocresol 534521 ND 1.28E-02 2.00E-05 1.65E-03 2.40E-02 2.6Dinitro-ocresol 534521 ND 1.28E-02 2.00E-05 1.65E-03 3.E0E-01 1.65E-03 1.00E-04 1.1.2-1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Fluoranthene 206440 226E-03 1.28E-02 4.00E-02 2E-03 1.65E-03 Indeno[1,2,3-c,d]pyrene 193395 ND 1.28E-02 2.00E-02 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-										-
Fluorene 86737 6.84E-03 1.28E-02 4.00E-02 2E-03 1.65E-03 7.08E-01	Fluorene										-
Indeno[1_2,3-c,d]pyrene	Indeno[1_2.3-c,d]pyrene 193395 ND										-
Phenanthrene 85018 1 OTE-02 2 L28E-02 2 00E-02 7E-03 1.65E-03 - Pyrene 12900 3.46E-03 1.28E-02 2.00E-02 1E-03 1.65E-03 - Aroclor-1260 11096825 ND 1.28E-02 2.00E-02 - 1.65E-03 2.00E+00 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 - 1.65E-03 2.00E+00 4,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-04 - 1.65E-03 - 4-Methylphenol (p-Cresol) 106445 2.00E-03 1.28E-02 1.00E-04 - 1.65E-03 - bis(2-Chloroethyl)ether 111444 ND 1.28E-02 - - 1.65E-03 1.00E-00 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 - - 1.65E-03 1.00E-00 Pentachlorophenol (PCP) 8786-5 30E-03 1.28E-02 - - 1.65E-03 1.00E-01 1,1,1-Trichloroethane	Phenanthrene 85018 107E-02 1.28E-02 2.00E-02 7E-03 1.65E-03 7E-03 1.65E-03 Pyrene 1.29000 3.46E-03 1.28E-02 2.00E-05 1E-03 1.65E-03 1.65E-03 Aroclor-1260 11096825 ND 1.28E-02 3.00E-02 1E-03 1.65E-03 2.00E+00 1.4-Dichlorobenzene 100467 ND 1.28E-02 1.00E-03 1.65E-03 2.40E-02 2.00E-01 1.65E-03 2.40E-02 1.00E-01 2,6-Dinitrotoduene 606/02 ND 1.28E-02 1.00E-03 1.00E-03 1.65E-03 6.80E-01 4,6-Dinitro-o-cresol 53452 ND 1.28E-02 1.00E-03 1.65E-03 1.65E-03 4-Methylphend (p-Cresol) 110645 2.00E-03 1.28E-02 1.00E-04 1.65E-03 1.0E+00 bis(2-Chloroethylpther 111144 ND 1.28E-02 1.65E-03 1.0E+00 bis(2-Ethylthexyl)phthalate 117817 9.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.0E+00 1.65E-03 1.0E+00 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E+00 pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.0E-01 1.E-02 1.65E-03 1.20E-01 1.65E-03 7.00E+00 1,1,1-Trichloroethane 71556 2.62E-01 1.28E-02 2.00E-01 3.E-02 1.65E-03 7.00E+00 1.65E-03 7.00E+00 1,2-Dichloroethane					1.28E-02	2.00E-02				-
Pyrene	Pyrene										-
Arcelor-1260	Arcolor-1260 1.1096825 ND 1.28E-02 2.00E-05 1.65E-03 2.00E-05 1,4-Dichlorobenzene 106467 ND 1.28E-02 3.00E-02 1.65E-03 2.40E-02 2,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-03 1.65E-03 4-Methylphenol (p-Cresol) 106445 200E-03 1.28E-02 5.00E-03 5.6E-03 1.65E-03 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 5.00E-03 5.6E-03 1.65E-03 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 1.65E-03 1.40E-02 Carbazole 86748 4.00E-03 1.28E-02 1.65E-03 1.40E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E-01 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.00E-01 1.E-02 1.65E-03 7.00E-01 1,1,1-										-
2,6-Dinitrotoluene 606202 ND 1.28E-02 1.00E-03 1.65E-03 6.80E-01 4,6-Dinitro-o-cresol 534521 ND 1.28E-02 1.00E-04 1.65E-03 3 bis(2-Chloroethyl)eher 116445 2.00E-03 1.28E-02 5.00E-03 5E-03 1.65E-03 1.0E-00 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 1.65E-03 1.0BE-00 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.00E-02 1.0E-01 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 2.00E-01 1.2E-03 1.65E-03 7.00E-00 1,1,1-Trichloroethane 71556 2.62E-01 1.28E-02 2.00E-01 1.6E-03 1.65E-03	2,6-Dinitrotoluene 606202 ND 1,28E-02 1,00E-03 1,65E-03 6,80E-01 4,6-Dinitro-o-cresol 1534521 ND 1,28E-02 1,00E-04 1,65E-03 4-Methylphenol (p-Cresol) 106445 2,00E-03 1,28E-02 5,00E-03 5E-03 1,65E-03 bis(2-Chloroethylpether 111444 ND 1,28E-02 1,65E-03 1,00E-04 Carbazole 86748 4,00E-03 1,28E-02 1,65E-03 1,00E-02 n-Nitrosodipropylamine 621647 ND 1,28E-02 1,65E-03 2,00E-02 Pentachlorophenol (PCP) 87865 3,00E-03 1,28E-02 2,00E-02 1E-02 1,65E-03 7,00E-02 1,1,1-Trichlorocthane 7,1556 2,62E-01 1,28E-02 2,00E-01 1E-02 1,65E-03 1,2-Dichlorocthane 75343 2,00E+00 1,28E-02 4,00E-03 1E-02 1,65E-03 1		Aroclor-1260	11096825	ND	1.28E-02	2.00E-05		1.65E-03	2.00E+00	-
4,6-Dinitro-o-cresol 1534521 ND 128E-02 1.00E-04 - 1.65E-03 - 4.Methylphenol (p-Cresol) 106445 2.00E-03 1.28E-02 1.65E-03 1.0E+00 bis(2-Chloroethyl)ether 111444 ND 1.28E-02 1.65E-03 1.10E+00 bis(2-Ethylphexyl)phthalate 117817 9.00E-03 1.28E-02 1.65E-03 1.0E+00 bis(2-Ethylpexyl)phthalate 117817 9.00E-03 1.28E-02 1.65E-03 1.0E+00 nNitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 1.0E+00 nNitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 1.0E+00 nNitrosodipropylamine 75565 3.00E-03 1.28E-02 1.65E-03 1.0E+00 nNitrosodipropylamine 75565 3.00E-03 1.28E-02 3.00E-02 1.28E-01 1.65E-03 1.0E+01 1.1,1-Trichloroethane 7505 3.00E-03 1.28E-02 4.00E-03 1.65E-03 1.0E+01 1.1,1-Trichloroethane 7503 2.00E-00 1.28E-02 1.00E-01 1.65E-03 5.70E-02 1.2.1,1-Dichloroethane 75343 2.00E+00 1.2.1,1-Dichloroethane 107062 2.00E-03 1.2.1,2-04 1.65E-03 1.0E+01 1.2.1,1-Dichloroethane 107062 2.00E-03 1.2.1,1-Dichloroethane 107062 2.00E-04 1.2.1,1-Dichloroethane 107062 2.00E-03 1.2.1,1-Dichloroet	4,6-Dinitro-o-cresol 534521 ND 1,28E-02 1,00E-04 1,65E-03 4-Methylphenol (p-Cresol) 106445 2,00E-03 1,28E-02 5,00E-03 5,00E-03 1,65E-03 bis(2-Chloroethyl)teher 111444 ND 1,28E-02 2,00E-02 6E-03 1,65E-03 1,40E-02 Carbazole 86748 4,00E-03 1,28E-02 2,00E-02 6E-03 1,65E-03 2,00E-02 n-Nitrosodipropylamine 621647 ND 1,28E-02 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 2,00E-02 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 2,00E-01 1,10E-01 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 2,00E-01 1,10E-01 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 4,00E-03 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 4,00E-03 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 4,00E-03 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 1,00E-01 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 1,00E-01 1,65E-03 7,00E-04 n-Nitrosodipropylamine 71556 2,62E-01 1,28E-02 1,00E-01 1,65E-03 7,00E-04 n-Nitrosodipropylamine 75005 3,70E-04 1,28E-02 3,00E-03 1,65E-03 2,00E-04 n-Nitrosodipropylamine 75003 1,70E-01 1,28E-02 1,00E-01 1,65E-03 1,65E-03 1,65E-03 n-Nitrosodipropylamine 75003 1,70E-01 1,28E-02 1,00E-01 1,65E-03 1,65E-03 1,65E-03 n-Nitrosodipropylamine 75003 1,70E-01 1,28E-02 1,00E-01 1,65E-03 1,65E-03 1,65E-03 n-Nitrosodipropylamine 75003 1,70E-01 1,28E-02 1,00E-01 1,65E-03 1,65E-03 1,00E-01 n-Nitrosodipropylamine 75003 1,70E-01 1,28E-02 1,00E-01 1,65E-03 1,00E-01 n-Nitrosodipropylamine 75005 1,50E-03 1,28E-02 1,00E-01 1,65E-03 1,00E-01 n-Nitrosodipropylamine 75004 1,28E-02 1,00E-01 1,0E-03 1,65E-03 1,00E-01 n-Nitrosodipropylamine 75004 1,28E-02 1,00E-01 1,0E-03 1,65E-03 1,0E-02 n-Nitrosodipr										-
4-Methylphenol (p-Cresol) 106445 200E-03 1.28E-02 5.00E-03 5.E-03 1.65E-03 1.10E+00 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.40E-02 Carbazole 86748 4.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.40E-02 Carbazole 86748 4.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.40E-02 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.20E-01 1,1,1-Trichloroethane 71565 6.2EE-01 1.28E-02 2.80E-01 1E-02 1.65E-03 5.70E-02 1,1,2-Trichloroethane 79005 3.00E-03 1.28E-02 2.80E-01 1E-02 1.65E-03 5.70E-02 1,2-Trichloroethane 75343 2.00E+00 1.28E-02 1.00E-01 3E-01 1.65E-03 2.00E+00 1,2-Trichloroethane 75343 2.00E+00 1.28E-02 3.00E-02 3E-02 1.65E-03 2.00E+00 1,2-Dichloroethane 75343 2.00E+00 1.28E-02 3.00E-03 3E-02 1.65E-03 2.00E+00 1,2-Dichloroethane 75493 7.00E+00 1.28E-02 3.00E-02 3.6E-03 6.65E-03 0.0E-02 1,2-Dichloroethane 74481 1.81E-02 1.28E-02 3.00E-03 5.E+00 1.65E-03 0.0E-03 Benzene 71432 1.18E-02 1.28E-02 3.00E-03 5.E+02 1.65E-03 0.0E-03 Chloroethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5.E-03 1.65E-03 2.00E-03 Chloromethane (Methyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5.E-03 1.65E-03 2.00E-03 Chloromethane (Methyl chloride) 75093 1.70E-01 1.28E-02 4.00E-01 5.E-03 1.65E-03 2.00E-03 Chloromethane (Methyl chloride) 75093 1.70E-01 1.28E-02 4.00E-01 5.E-03 1.65E-03 2.00E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02 5.E-02 5.E-03 1.65E-03 2.00E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 2.00E-01 1.E-03 1.65E-03 3.00E-02 Ethylbenzene 100414 1.03E-02 1.28E-02 2.00E-01 1.E-03 1.65E-03 5.0E-02 Ethylbenzene 100414 1.03E-02 1.28E-02 2.00E-01 1.E-04 1.65E-03 5.0E-02 Ethylbenzene 100414 1.03E-02 1.28E-02 2.00E-04 1.E-05E-03	4-Methylphenol (p-Cresol) 106445 2 00E-03 1.28E-02 5.00E-03 5E-03 1.65E-03 1.016+06 bis(2-Chloroethyl)ether 1111444 ND 1.28E-02 1.65E-03 1.016+06 bis(2-Eihylhexyl)phthalate 117817 9.00E-03 1.28E-02 1.65E-03 1.06E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 1.20E-01 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 3.00E-02 1.60E-02 1.65E-03 1.20E-01 1,1,1-Trichloroethane 77505 2.6ED-01 1.28E-02 2.80E-01 1.65E-03 1.65E-03 1,1,2-Trichloroethane 77905 3.00E-03 1.28E-02 4.00E-03 1.E-02 1.65E-03 1,2,3-Trichloroethane 790618 1.50E-02 1.28E-02 4.00E-03 3.E-02 1.65E-03 1,2-Dichloroethane 107062 2.00E-03 1.28E-02 3.00E-03 3									6.80E-01	-
bis(2-Chloroethyl)teher 111444 ND 1.28E-02 1.65E-03 1.10E-00 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.10E-00 Carbazole 86748 4.00E-03 1.28E-02 1.65E-03 2.00E-02 n-Nitrosodiproplyamine 621647 ND 1.28E-02 1.65E-03 2.00E-02 1,1,1-Trichloroethane 71556 2.62E-01 1.28E-02 2.00E-01 1E-02 1.65E-03 7.00E-00 1,1,1-Trichloroethane 79505 3.0E-03 1.28E-02 2.00E-01 1E-02 1.65E-03 7.0E-02 1,1-Dichloroethane 75343 2.00E+00 1.28E-02 2.00E-01 1E-02 1.65E-03 7.0E-02 1,2-Dichloroethane 107062 2.00E-00 1.28E-02 1.00E-01 3E-01 1.65E-03 2.00E-00 1,2-Dichloroethane 540590 3.70E+00 1.28E-02 1.00E-01 3E-01 1.65E-03 2.00E-02 <td>bis(2-Chloroethylpcher) 111444 ND 1.28E-02 1.65E-03 1.10E-02 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.40E-02 Carbazole 86748 4.00E-03 1.28E-02 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E+00 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.00E-01 1.E-03 1.65E-03 7.00E+00 1,1,1-Trichlorocthane 71556 2.62E-01 1.28E-02 4.00E-03 1E-02 1.65E-03 1,1,2-Trichlorocthane 75034 2.00E+00 1.28E-02 4.00E-03 1E-02 1.65E-03 1,2,3-Trichlorocthane 107062 2.00E-03 1.28E-02 4.00E-03 3E-01 1.65E-03 2.00E-04 1,2-Dichlorocthane 1500E-03 3.70E+00 1.28E-02 4.00E-03 3E-02 1.65E-03 2.00E-03<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></td>	bis(2-Chloroethylpcher) 111444 ND 1.28E-02 1.65E-03 1.10E-02 bis(2-Ethylhexyl)phthalate 117817 9.00E-03 1.28E-02 2.00E-02 6E-03 1.65E-03 1.40E-02 Carbazole 86748 4.00E-03 1.28E-02 1.65E-03 2.00E-02 n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E+00 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.00E-01 1.E-03 1.65E-03 7.00E+00 1,1,1-Trichlorocthane 71556 2.62E-01 1.28E-02 4.00E-03 1E-02 1.65E-03 1,1,2-Trichlorocthane 75034 2.00E+00 1.28E-02 4.00E-03 1E-02 1.65E-03 1,2,3-Trichlorocthane 107062 2.00E-03 1.28E-02 4.00E-03 3E-01 1.65E-03 2.00E-04 1,2-Dichlorocthane 1500E-03 3.70E+00 1.28E-02 4.00E-03 3E-02 1.65E-03 2.00E-03 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>										-
Carbazole 867/48 (400E-03 br.) 1.28E-02 cm.) 1.65E-03 cm. 2.00E-02 cm.) n-Nitrosodipropylamine 621647 ND 1.28E-02 cm. 1.65E-03 cm. 7.00E-00 Pentachlorophenol (PCP) 87865 s. 30E-03 cm. 1.28E-02 cm. 2.80E-01 cm. 1.65E-03 cm. 1.20E-01 1,1,1-Trichloroethane 71556 cm. 2.62E-01 cm. 1.28E-02 cm. 2.80E-01 cm. 1.65E-03 cm. 1,1,2-Trichloroethane 75043 cm. 2.00E+00 cm. 1.28E-02 cm. 1.00E-01 cm. 3E-01 cm. 1.65E-03 cm. 1,2-Trichloroethane 17062 cm. 2.00E+00 cm. 1.28E-02 cm. 1.00E-01 cm. 3E-01 cm. 1.65E-03 cm. 1,2-Dichloroethane 17062 cm. 1.28E-02 cm. 1.00E-01 cm. 3E-02 cm. 1.65E-03 cm. Acetone 67641 cm. 1.30E-02 cm. 2.88E-02 cm. 1.00E-01 cm. 1.65E-03 cm. Chloroethane (Ethyl chloride) 7503 cm. 1.28E-02 cm. 2.00E-02 cm. 1.65E-03 cm. Chloroethane (Ethyl chloride)	Carbazole 86748 4,00E-03 1,28E-02 1,65E-03 2,00E-02 n-Nitrosodipropylamine 621647 ND 1,28E-02 1,65E-03 2,00E-02 1,1,1-Trichloroethane 71556 2,62E-01 1,28E-02 2,80E-01 1E-02 1,65E-03 1,20E-01 1,1,2-Trichloroethane 79005 3,00E-03 1,28E-02 2,80E-01 1E-02 1,65E-03 - 1,1-Dichloroethane 75343 2,00E+00 1,28E-02 4,00E-03 1,6E-02 1,65E-03 - 1,2-Dichloroethane 107062 200E-03 1,28E-02 6,00E-03 3,E-02 1,65E-03 2,00E-02 1,2-Dichloroethane 107062 200E-03 1,28E-02 3,00E-03 3,E-02 1,65E-03 2,00E-01 1,2-Dichloroethane 67641 1,30E-02 1,28E-02 9,00E-03 5E+00 1,65E-03 - Acetone 67143 1,18E-02 1,28E-02 2,00E-02 5E-02 1,65E-03 -		bis(2-Chloroethyl)ether	111444	ND	1.28E-02			1.65E-03		-
n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E+00 Pentachlorophenol (PCP) 87865 3.00E-03 1.28E-02 2.08E-01 1E-02 1.65E-03 1.20E-01 1,1,1-Trichlorothane 71556 2.62E-01 1.28E-02 2.80E-01 1E-02 1.65E-03 - 1,1,2-Trichlorothane 79005 3.00E-03 1.28E-02 4.00E-03 1E-02 1.65E-03 5.70E-02 1,2,3-Trichloropropane 96184 1.50E-02 1.28E-02 6.00E-03 3E-02 1.65E-03 2.00E-00 1,2-Dichloroethane 107062 2.00E-03 1.28E-02 3.00E-02 9E-04 1.65E-03 2.00E-00 1,2-Dichloroethane 540590 3.70E-01 1.28E-02 3.00E-02 9E-04 1.65E-03 9.10E-02 1,2-Dichloroethene 67641 1.30E-02 1.28E-02 1.00E-01 3E-04 1.65E-03 5.00E-02 Benzene 71432 1.18E-02 1.28E-02 2.00E-02 - 1.65E-03 5.0E-0	n-Nitrosodipropylamine 621647 ND 1.28E-02 1.65E-03 7.00E-04 1.1,1-Trichloroethane 71556 2.62E-01 1.28E-02 2.80E-01 1E-03 1.65E-03 7.00E-04 1.1,1-Trichloroethane 779005 3.00E-03 1.28E-02 4.00E-03 1E-02 1.65E-03 1.1,1-Trichloroethane 779005 3.00E-03 1.28E-02 4.00E-03 1E-02 1.65E-03 5.70E-02 1.1,1-Dichloroethane 75343 2.00E+04 1.28E-02 1.00E-01 3E-01 1.65E-03 5.70E-02 1.2,3-Trichloropropane 96184 1.50E-02 1.28E-02 1.00E-01 3E-01 1.65E-03 2.00E+04 1.2-Dichloroethane 107062 2.00E-03 3.00E-02 9E-04 1.65E-03 2.00E+04 1.2-Dichloroethane 107062 2.00E-03 3.00E-02 9E-04 1.65E-03 2.00E+04 1.2-Dichloroethane 54059 3.70E+00 1.28E-02 9.00E-03 5E-00 1.65E-03 3.00E-02 1.2-Dichloroethane 67641 1.30E-02 1.28E-02 3.00E-03 5E-00 1.65E-03 5.0E-02 1.2-Dichloroethane 124481 ND 1.28E-02 3.00E-03 5E-02 1.65E-03 5.0E-02 1.00E-01 1.2-Dichloroethane (Ethyl chloride) 75903 1.70E-01 1.28E-02 3.00E-03 5E-03 1.65E-03 2.00E-03 1.2-Dichloroethane (Ethyl chloride) 74873 ND 1.28E-02 4.00E-01 5E-03 1.65E-03 3.00E-02 1.2-Dichloroethane (Ethyl chloride) 74873 ND 1.28E-02 1.00E-01 5E-03 1.65E-03 3.00E-02 1.2-Dichloroethane 1.56592 3.70E+00 1.28E-02 1.00E-01 5E-03 1.65E-03 1.00E-02 1.2-Dichloroethane 1.56592 3.70E+00 1.28E-02 1.00E-01 5E-03 1.65E-03 1.00E-02 1.2-Dichloroethane 1.56892 3.70E+00 1.28E-02 1.00E-01 5E-03 1.65E-03 1.00E-02 1.2-Dichloroethane 1.56892 3.70E+00 1.28E-02 1.00E-01 5E-03 1.65E-03 1.00E-02 1.2-Dichloroethane 1.2-Dichloroetha										2E-
Pentachlorophenol (PCP)	Pentachlorophenol (PCP)										1E-
1,1,1-Trichloroethane	1,1,1-Trichloroethane		Pentachlorophenol (PCP)					1E-03			6E-
1,1-Dichloroethane 75343 2,00E+00 1.28E-02 1.00E-01 3E-01 1.65E-03 - 1,2,3-Trichloropropane 96184 1,50E-02 1.28E-02 1.00E-01 3E-02 1.65E-03 2.00E+00 1,2-Dichloroethane 107062 2,00E-03 1.28E-02 3.00E-02 9E-04 1.65E-03 9.10E-02 1,2-Dichloroethene 540590 3,70E+00 1.28E-02 1.00E-01 2E-03 1.65E-03 - Acetone 67641 1,30E-02 1.28E-02 1.00E-01 2E-03 1.65E-03 - Benzene 71432 1,18E-02 1.28E-02 3.00E-03 5E-02 1.65E-03 - Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 - 1.65E-03 5.00E-02 Chloromethane (Methyl chloride) 7503 1.70E-01 1.28E-02 4.00E-01 15E-03 1.65E-03 2.90E-03 Cis-1,2-Dichloroethane 156592 3, 70E+00 1.28E-02 1.00E-02 5E+03 1.65E-03 2.00E-02 Dichloromethane 75092 1,50E-03 1.28E-02 1.00	1,1-Dichlorochane 75343 2,00E+00 1,28E-02 1,00E-01 3E-01 1,65E-03 -00E+00 1,2,3-Trichloropropane 96184 1,50E-02 1,28E-02 3,00E-02 3E-02 1,65E-03 9,00E+04 1,65E-03 9,00E+04 1,65E-03 9,00E+04 1,65E-03 9,10E-02 1,2E-01 1,2E-01 3,00E-02 9,0E-04 1,65E-03 9,0E-04 1,65E-03 9,0E-02 1,65E-03 9,0E-02 1,0E-01 2,0E-02 9,0E-03 1,65E-03 9,0E-02 1,0E-01 2,0E-03 1,65E-03 9,0E-03 1,65E-03 9,0E-02 1,0E-01 2,0E-03 1,65E-03 -,0E-03 1,65E-03 -,0E-02 1,0E-01 2,0E-03 1,65E-03 -,0E-02 1,0E-02 2,0E-03 1,65E-03 -,0E-02 1,0E-02 2,0E-03 1,65E-03 -,0E-02 2,0E-02 1,0E-03 1,0E-03 1,65E-03 3,0E-02 2,0E-02 1,0E-03 1,65E-03 3,0E-02 2,0E-02 2,0E-03 1,65E-03 3,0E-02 2,0E-02 2,0E-03 1,65E-03 3,0E-02 2,0E-0									 5 705: 05	
1,2,3-Trichloropropane 96184 1,50E-02 2,28E-02 6,00E-03 3E-02 1,65E-03 2,00E-00 1,2-Dichloroethane 107062 2,00E-00 1,28E-02 3,00E-02 9E-04 1,65E-03 2,00E-00 1,2-Dichloroethene 540590 3,70E+00 1,28E-02 9,00E-03 5E-00 1,65E-03 - Acetone 67641 1,30E-02 1,28E-02 1,00E-01 2E-03 1,65E-03 - Benzene 71432 1,18E-02 1,28E-02 1,00E-01 2E-03 1,65E-03 5,50E-02 Chloroethane (Ethyl chloride) 75003 1,70E-01 1,28E-02 4,00E-01 5E-03 1,65E-03 8,40E-02 Chloroethane (Methyl chloride) 74873 ND 1,28E-02 4,00E-01 5E-03 1,65E-03 2,90E-03 cis-1,2-Dichloroethene 156592 3,70E+00 1,28E-02 1,00E-01 5E+00 1,65E-03 - Dichloromethane 75092 1,50E-03 1,28E-02 1,00E-01 1,65E-03 7,50E-03 <t< td=""><td>1,2,3-Trichloropropane 96184 1,50E-02 2,8E-02 6,00E-03 3E-02 1,6SE-03 2,00E-04 1,2-Dichloroethane 107062 2,00E-03 1,28E-02 9,00E-03 5E-70 1,6SE-03 9,00E-03 Acetone 67641 1,30E-02 1,28E-02 9,00E-03 5E-70 1,6SE-03 - Benzene 71432 1,18E-02 1,28E-02 9,00E-03 5E-02 1,6SE-03 5,0E-02 Chlorodibromomethane 124481 ND 1,28E-02 2,00E-02 5E-02 1,6SE-03 5,0E-02 Chloromethane (Ethyl chloride) 75003 1,70E-01 1,28E-02 4,00E-01 5E-03 1,6SE-03 8,0E-02 Chloromethane (Ethyl chloride) 74873 ND 1,28E-02 1,00E-02 5E-03 1,6SE-03 2,90E-03 Cis-1,2-Dichloroethene 156592 3,70E+00 1,28E-02 1,00E-02 5E-00 1,6SE-03 - Dichloromethane 15092 1,50E-03 1,28E-02 1,00E-02 5E-00 1,6SE-03 7,00E-03 Ethylbenzme 100H1 1,03E-02 1,28E-02 1,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5. /0E-02</td><td>3E-</td></t<>	1,2,3-Trichloropropane 96184 1,50E-02 2,8E-02 6,00E-03 3E-02 1,6SE-03 2,00E-04 1,2-Dichloroethane 107062 2,00E-03 1,28E-02 9,00E-03 5E-70 1,6SE-03 9,00E-03 Acetone 67641 1,30E-02 1,28E-02 9,00E-03 5E-70 1,6SE-03 - Benzene 71432 1,18E-02 1,28E-02 9,00E-03 5E-02 1,6SE-03 5,0E-02 Chlorodibromomethane 124481 ND 1,28E-02 2,00E-02 5E-02 1,6SE-03 5,0E-02 Chloromethane (Ethyl chloride) 75003 1,70E-01 1,28E-02 4,00E-01 5E-03 1,6SE-03 8,0E-02 Chloromethane (Ethyl chloride) 74873 ND 1,28E-02 1,00E-02 5E-03 1,6SE-03 2,90E-03 Cis-1,2-Dichloroethene 156592 3,70E+00 1,28E-02 1,00E-02 5E-00 1,6SE-03 - Dichloromethane 15092 1,50E-03 1,28E-02 1,00E-02 5E-00 1,6SE-03 7,00E-03 Ethylbenzme 100H1 1,03E-02 1,28E-02 1,									5. /0E-02	3E-
1,2-Dichloroethane 107062 200E-03 1,28E-02 3,00E-02 9E-04 1,65E-03 9,10E-02 1,2-Dichloroethene 540590 3,70E-00 1,28E-02 9,00E-03 5E+00 1,65E-03 - Acetone 67641 1,30E-02 1,28E-02 1,00E-01 2E-03 1,65E-03 - Benzene 71432 1,18E-02 1,28E-02 2,00E-02 - 1,65E-03 8,60E-02 Chlorodibromomethane 124481 ND 1,28E-02 2,00E-02 - 1,65E-03 8,00E-02 Chloromethane (Ethyl chloride) 75003 1,70E-01 1,28E-02 2,00E-02 - 1,65E-03 2,90E-03 Chloromethane (Methyl chloride) 74873 ND 1,28E-02 1,00E-02 5E+00 1,65E-03 1,30E-02 Cis-1,2-Dichloroethene 156592 3,0E+00 1,28E-02 1,00E-02 5E+00 1,65E-03 - Dichloromethane 75092 1,50E-03 1,28E-02 1,00E-02 5E+00 1,65E-03 -	1,2-Dichloroethane 107062 2,00E-03 1,28E-02 3,00E-02 9E-04 1,65E-03 9,10E-02 1,2-Dichloroethene 540590 3,70E+00 1,28E-02 9,00E-03 5E+00 1,65E-03 Acetone 67641 1,30E-02 1,28E-02 1,00E-01 2E-03 1,65E-03 Benzene 71432 1,18E-02 1,28E-02 3,00E-03 5E-02 1,65E-03 5,50E-02 Chloroethane (Ethyl chloride) 75003 1,70E-01 1,28E-02 4,00E-01 5E-03 1,65E-03 2,90E-03 Chloromethane (Methyl chloride) 74873 ND 1,28E-02 4,00E-01 5E-03 1,65E-03 1,30E-02 cis-1,2-Dichloroethene 156592 3,70E+00 1,28E-02 1,65E-03 1,30E-02 Ethylbenzene 100414 1,03E-02 1,28E-02 1,00E-02 5E+00 1,65E-03 7.0E-03 Ethylbenzene 100414 1,03E-02 1,28E-02 1,00E-02 9E-04 1,65E-03 7.0E-03 Toluene 182883 4,90E-03 1,28E-02 1,00E-02 9E-04 1,65E-03 7.0E-03 Trichloroethene 79016 4,00E-03 1,28E-02 3,00E-03 12-04<									2.00E+00	5E-
Acetone 67641 130E-02 1.28E-02 1.00E-01 2E-03 1.65E-03 5-0E-02 Benzene 71432 1.18E-02 1.28E-02 3.00E-03 5E-02 1.65E-03 5.0E-02 Chlorodrhomomethane 124481 ND 1.28E-02 2.00E-02 1.65E-03 8.40E-02 Chloromethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5E-03 1.65E-03 2.90E-03 cisi-1,2-Dichlorothene 15659 3.70E+00 1.28E-02 1.00E-02 5E+00 1.65E-03 - Dichloromethane 75092 1.50E-03 1.28E-02 6.00E-02 5E+00 1.65E-03 - Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-04 1.65E-03 7.50E-03 Toluene 10883 4.90E-03 1.28E-02 2.00E-01 1.65E-03 5.20E-02 Toluene 10888 4.90E-03 1.28E-02 2.00E-01 1.65E-03 5.20E-02 Trichloroethene 10888	Acetone 67641 130E-02 1,28E-02 1,00E-01 2E-03 1,65E-03 5,00E-02 Benzene 71432 1,18E-02 1,28E-02 3,00E-03 36E-02 1,65E-03 5,00E-02 Chlorodibromomethane 124481 ND 1,28E-02 2,00E-02 1,65E-03 8,40E-02 Chloroethane (Ethyl chloride) 78703 1,70E-01 1,28E-02 4,00E-01 5E-03 1,65E-03 2,90E-03 Chloroethane (Ethyl chloride) 74873 ND 1,28E-02 1,00E-02 5E-00 1,65E-03 3,00E-03 cis-1,2-Dichloroethane 75092 1,50E-03 1,28E-02 1,00E-02 5E-00 1,65E-03 7-0E-03 Ethylbenzene 100414 1,03E-02 1,28E-02 1,00E-01 16-03 1,65E-03 7-0E-03 Toluen 127184 7,00E-04 1,28E-02 1,00E-01 1,65E-03 7-0E-03 Tinchloroethene 12784 7,00E-04 1,28E-02 2,00E-01 3,0E-04 1,65E-03 7-0E-03		1,2-Dichloroethane	107062	2.00E-03	1.28E-02	3.00E-02	9E-04	1.65E-03		3E-
Benzene 71432 1.18E-02 2.28E-02 3.00E-03 5.E-02 1.65E-03 5.50E-02 Chlorodibromomethane 12448 ND 1.28E-02 2.00E-02 1.65E-03 5.50E-02 Chlorodibromomethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5.E-03 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02	Benzene 71432 1.8E-02 2.8E-02 3.00E-03 5E-02 1.65E-03 5.50E-02 Chlorodibromethane 124481 ND 1.28E-02 2.00E-02 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5E-03 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02 1.65E-03 1.30E-02 cis-1,2-Dichloroethene 75092 1.50E-03 1.28E-02 6.00E-02 5E-04 1.65E-03 7.50E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-02 5E-04 1.65E-03 7.50E-03 Toluene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 7.20E-01 Trichloroethene 12784 7.00E-03 1.28E-02 2.00E-01 1E-03 1.65E-03 7.20E-01 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-03 12-04 1.65E-03 1.10E-02										-
Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 1.65E-03 8.40E-02 Chloroethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5E-03 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02 - - - 1.65E-03 3.09E-02 cis-1,2-Dichloroethene 156592 3.70E+00 1.28E-02 1.00E-02 5E+00 1.65E-03 7.50E-03 Dichloromethane 75092 1.50E-03 1.28E-02 1.00E-02 5E-04 1.65E-03 7.50E-03 Ethylbenzene 10914 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 - Tetrachloroethene 12718 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 5.00E-02 Toluene 10883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 - Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 <t< td=""><td>Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 1.65E-03 8.40E-02 Chloroethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5E-03 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02 1.00E-02 5E-03 1.65E-03 1.90E-02 cis-1,2-Dichloroethene 156592 3.70E+00 1.28E-02 1.00E-02 5E-00 1.65E-03 - Dichloromethane 15092 1.50E-03 1.28E-02 6.00E-02 3E-04 1.65E-03 7.00E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 7.00E-03 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 7.0E-03 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+03 1.28E-02 3.00E-03 1E-01 1.65E-03 1.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1E-</td></t<>	Chlorodibromomethane 124481 ND 1.28E-02 2.00E-02 1.65E-03 8.40E-02 Chloroethane (Ethyl chloride) 75003 1.70E-01 1.28E-02 4.00E-01 5E-03 1.65E-03 2.90E-03 Chloromethane (Methyl chloride) 74873 ND 1.28E-02 1.00E-02 5E-03 1.65E-03 1.90E-02 cis-1,2-Dichloroethene 156592 3.70E+00 1.28E-02 1.00E-02 5E-00 1.65E-03 - Dichloromethane 15092 1.50E-03 1.28E-02 6.00E-02 3E-04 1.65E-03 7.00E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 7.00E-03 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 7.0E-03 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+03 1.28E-02 3.00E-03 1E-01 1.65E-03 1.0										1E-
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Dichloromethane 75092 1.50E-03 1.28E-02 6.00E-02 3E-04 1.65E-03 7.50E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-04 1.65E-03 7.50E-03 Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-01 9E-04 1.65E-03 5.20E-02 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 - Trichloroethene 79016 4.00E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 - Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-04 2E-01 1.65E-03 7.20E-01	Dichloromethane 75092 1.50E-03 1.28E-02 6.00E-02 3E-04 1.65E-03 7.50E-03 Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 - Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 5.0E-02 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 1 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-02 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E-01 1.65E-03 7.20E-01 Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 1E-05 1.65E-03 -										-
Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 - Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 5.20E-02 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 1-0E-02 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.00E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E+01 1.65E-03 7.20E-01	Ethylbenzene 100414 1.03E-02 1.28E-02 1.00E-01 1E-03 1.65E-03 Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 2.00E-01 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E-01 1.65E-03 7.20E-01 Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 4E-05 1.65E-03										2E-
Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 5.20E-02 Toluene 108883 4,90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 1.2E-02 Trichloroethene 79016 4,00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E+01 1.65E-03 7.20E-01	Tetrachloroethene 127184 7.00E-04 1.28E-02 1.00E-02 9E-04 1.65E-03 5.20E-02 Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.0E-02 Vinyl Chloride 75014_A 2.30E+04 1.28E-02 3.00E-03 1E+01 1.65E-03 7.0E-01 Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 4E-05 1.65E-03										2E-
Toluene 108883 4 90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.10E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E+01 1.65E-03 7.20E-01	Toluene 108883 4.90E-03 1.28E-02 2.00E-01 3E-04 1.65E-03 1.0E-02 Trichloroethene 79016 4.00E-03 1.28E-02 3.00E-04 2E-01 1.65E-03 1.0E-02 Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E-01 1.65E-03 7.20E-01 Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 4E-05 1.65E-03 -		Tetrachloroethene	127184	7.00E-04			9E-04			6E-
Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E+01 1.65E-03 7.20E-01	Vinyl Chloride 75014_A 2.30E+00 1.28E-02 3.00E-03 1E+01 1.65E-03 7.20E-01 Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 4E-05 1.65E-03									1 105 00	
	Xylenes (Total) 1330207 7.00E-03 1.28E-02 2.00E+00 4E-05 1.65E-03										7E-
										7.2015-01	JE-

	NDIA E.U DETAILED RISK CAL	Based of	n CTE As	sumptions	3 FROM II				
AOI	Chemical	CAS Number	Cgw (mg/L)	Nor CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskC
AOI 22B	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic		7.81E-03	1.28E-02	3.00E-04	3E-01	1.65E-03	1.50E+00	2E-05
	Barium Cadmium	7440393 7440439 W	4.07E-01 6.70E-04	1.28E-02 1.28E-02	7.00E-02 5.00E-04	7E-02 2E-02	1.65E-03 1.65E-03		
	Chromium	18540299_VI	2.30E-02	1.28E-02	3.00E-03	1E-01	1.65E-03	_	
	Manganese	7439965_NF		1.28E-02	2.00E-02		1.65E-03		
	Mercury Selenium	7439976 7782492	ND 3.38E-02	1.28E-02 1.28E-02	3.00E-04 5.00E-03	 9E-02	1.65E-03 1.65E-03		
	Silver		2.40E-03	1.28E-02	5.00E-03	6E-03	1.65E-03		
	2-Methylnaphthalene	91576	ND	1.28E-02	2.00E-02	 5E 04	1.65E-03		
	Acenaphthene Benzo[a]anthracene	56553	2.30E-03 ND	1.28E-02 1.28E-02	6.00E-02 2.00E-02	5E-04	1.65E-03 1.65E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Benzo[b]fluoranthene Benzo[k]fluoranthene	205992 207089	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-01 7.30E-02	
	Chrysene	218019	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran Fluoranthene	132649 206440	ND 2.00E-04	1.28E-02 1.28E-02	4.00E-03 4.00E-02	6E-05	1.65E-03 1.65E-03	-	
	Fluorene	86737	1.00E-03	1.28E-02	4.00E-02	3E-04	1.65E-03		
	Indeno[1,2,3-c,d]pyrene Naphthalene	193395 91203	ND ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-01	
	Phenanthrene		3.00E-04	1.28E-02	2.00E-02	2E-04	1.65E-03		
	Pyrene		3.00E-04	1.28E-02	3.00E-02	1E-04	1.65E-03		
	Aroclor-1260 1,4-Dichlorobenzene	11096825 106467	ND 4.40E-03	1.28E-02 1.28E-02	2.00E-05 3.00E-02	2E-03	1.65E-03 1.65E-03	2.00E+00 2.40E-02	2E-07
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	111444	4.00E-04 ND	1.28E-02 1.28E-02	5.00E-03	1E-03	1.65E-03 1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	2.00E-03	1.28E-02	2.00E-02	1E-03	1.65E-03	1.40E-02	5E-08
	Carbazole n-Nitrosodipropylamine	86748 621647	ND ND	1.28E-02 1.28E-02			1.65E-03 1.65E-03	2.00E-02 7.00E+00	
	Pentachlorophenol (PCP)		2.00E-03	1.28E-02 1.28E-02	3.00E-02	9E-04	1.65E-03	1.20E-01	4E-07
	1,1,1-Trichloroethane	71556	ND	1.28E-02	2.80E-01		1.65E-03		
	1,1,2-Trichloroethane 1,1-Dichloroethane	79005 75343	ND ND	1.28E-02 1.28E-02	4.00E-03 1.00E-01		1.65E-03 1.65E-03	5.70E-02	
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.28E-02	3.00E-02	 2E 01	1.65E-03	9.10E-02	
	1,2-Dichloroethene Acetone		1.17E-01 1.17E-02	1.28E-02 1.28E-02	9.00E-03 1.00E-01	2E-01 1E-03	1.65E-03 1.65E-03		
	Benzene	71432	7.00E-04	1.28E-02	3.00E-03	3E-03	1.65E-03	5.50E-02	6E-08
	Chlorodibromomethane Chloroethane (Ethyl chloride)	124481 75003	ND ND	1.28E-02 1.28E-02	2.00E-02 4.00E-01		1.65E-03 1.65E-03	8.40E-02 2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.28E-02	4.00E-01		1.65E-03	1.30E-02	
	cis-1,2-Dichloroethene		3.00E-02	1.28E-02	1.00E-02	4E-02	1.65E-03		
	Dichloromethane Ethylbenzene	75092 100414	2.30E-03 ND	1.28E-02 1.28E-02	6.00E-02 1.00E-01	5E-04	1.65E-03 1.65E-03	7.50E-03	3E-08
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene Trichloroethene	108883	ND 3.24E-03	1.28E-02 1.28E-02	2.00E-01 3.00E-04	 1E-01	1.65E-03	 1.10E-02	 6E-08
	Vinyl Chloride	75014 A	3.42E-03	1.28E-02 1.28E-02	3.00E-04 3.00E-03	1E+00	1.65E-03 1.65E-03	7.20E-01	4E-04
	Xylenes (Total)	1330207	1.40E-03	1.28E-02	2.00E+00 Total	9E-06 2E+00	1.65E-03	 Total	 4E-04
AOI 26	Antimony Arsenic Barium Cadmium Chromium	7440393 7440439_W 18540299_VI	1.21E-02 2.68E-01 4.10E-03 2.70E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	5E-01 5E-02 1E-01 1E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	3E-05
	Manganese Mercury	7439965_NF 7439976	1.90E-03	1.28E-02 1.28E-02	2.00E-02 3.00E-04	8E-02	1.65E-03 1.65E-03		
	Selenium		2.40E-03	1.28E-02	5.00E-03	6E-03	1.65E-03		
	Silver		2.40E-03	1.28E-02	5.00E-03	6E-03	1.65E-03		
	2-Methylnaphthalene Acenaphthene		9.72E-03 8.04E-03	1.28E-02 1.28E-02	2.00E-02 6.00E-02	6E-03 2E-03	1.65E-03 1.65E-03		
	Benzo[a]anthracene	56553	4.61E-03	1.28E-02	2.00E-02	3E-03	1.65E-03	7.30E-01	6E-06
	Benzo[a]pyrene Benzo[b]fluoranthene		1.10E-03 2.30E-03	1.28E-02 1.28E-02	2.00E-02 2.00E-02	7E-04 1E-03	1.65E-03 1.65E-03	7.30E+00 7.30E-01	1E-05 3E-06
	Benzo[k]fluoranthene	207089	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01 7.30E-02	
	Chrysene	218019	6.28E-03	1.28E-02	2.00E-02	4E-03	1.65E-03	7.30E-03	8E-08
	Dibenz[a,h]anthracene Dibenzofuran	53703 132649	ND 5.35E-03	1.28E-02 1.28E-02	2.00E-02 4.00E-03	2E-02	1.65E-03 1.65E-03	7.30E+00	
	Fluoranthene	206440	4.51E-03	1.28E-02	4.00E-02	1E-03	1.65E-03		
	Fluorene Indeno[1,2,3-c,d]pyrene		9.15E-03 1.50E-03	1.28E-02 1.28E-02	4.00E-02 2.00E-02	3E-03 1E-03	1.65E-03 1.65E-03	 7.30E-01	 2E-06
	Naphthalene		7.69E-03	1.28E-02 1.28E-02	2.00E-02 2.00E-02	5E-03	1.65E-03	7.5012-01	
	Phenanthrene		1.37E-02	1.28E-02	2.00E-02	9E-03	1.65E-03		
	Pyrene Aroclor-1260	129000 11096825	8.11E-03	1.28E-02 1.28E-02	3.00E-02 2.00E-05	3E-03	1.65E-03 1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene 4.6-Dinitro-o-cresol	606202 534521	ND ND	1.28E-02 1.28E-02	1.00E-03 1.00E-04		1.65E-03 1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)		ND 1.50E-03	1.28E-02 1.28E-02	1.00E-04 5.00E-03	4E-03	1.65E-03 1.65E-03	-	
	bis(2-Chloroethyl)ether	111444	ND	1.28E-02			1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate Carbazole	117817 86748	9.90E-02 ND	1.28E-02 1.28E-02	2.00E-02	6E-02	1.65E-03 1.65E-03	1.40E-02 2.00E-02	2E-06
	n-Nitrosodipropylamine	621647	ND	1.28E-02			1.65E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865 71556	ND ND	1.28E-02	3.00E-02 2.80E-01		1.65E-03	1.20E-01	
	1,1,1-Trichloroethane 1,1,2-Trichloroethane	71556 79005	ND ND	1.28E-02 1.28E-02	2.80E-01 4.00E-03		1.65E-03 1.65E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	1.28E-02	1.00E-01		1.65E-03		
	1,2,3-Trichloropropane 1,2-Dichloroethane	96184 107062	ND ND	1.28E-02 1.28E-02	6.00E-03 3.00E-02		1.65E-03 1.65E-03	2.00E+00 9.10E-02	
	1,2-Dichloroethene	540590	1.80E-03	1.28E-02	9.00E-03	3E-03	1.65E-03		
	Acetone Benzene		7.21E-03 1.20E-03	1.28E-02 1.28E-02	1.00E-01 3.00E-03	9E-04 5E-03	1.65E-03 1.65E-03	 5.50E-02	 1E-07
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	74873 156592	ND 1.00E-03	1.28E-02 1.28E-02	1.00E-02	1E-03	1.65E-03 1.65E-03	1.30E-02 	
	Dichloromethane	75092	1.70E-03	1.28E-02	6.00E-02	4E-04	1.65E-03	7.50E-03	2E-08
	Ethylbenzene Tetrachloroethene	100414 127184	2.40E-03 ND	1.28E-02 1.28E-02	1.00E-01 1.00E-02	3E-04	1.65E-03 1.65E-03	 5.20E-02	
	Toluene	108883	1.40E-03	1.28E-02	2.00E-01	9E-05	1.65E-03		
	Trichloroethene Vinyl Chloride	79016	ND 5.37E-03	1.28E-02	3.00E-04	 2E-02	1.65E-03	1.10E-02 7.20E-01	 6E-06
	Vinyl Chloride Xylenes (Total)	75014_A 1330207	5.37E-03 3.76E-03	1.28E-02 1.28E-02	3.00E-03 2.00E+00	2E-02 2E-05	1.65E-03 1.65E-03	7.20E-01	6E-06
					Total	9E-01		Total	6E-05

AOI	Chemical	CAS Number	Cgw	umptions Non	cancer Risk		C	ancer Risk	
			(mg/L)	CTE HIFNC	Oral RfD	RiskNC	CTE HIFC	Oral SF	Ris
AOI 27	Antimony Arsenic	7440360	6.08E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04	3E-01	1.65E-03 1.65E-03	1.50E+00	2E-
	Barium		3.22E-01	1.28E-02	7.00E-02	6E-02	1.65E-03	1.501.100	215
	Cadmium	7440439_W	3.27E-03	1.28E-02	5.00E-04	8E-02	1.65E-03		-
	Chromium	18540299_VI	9.00E-02	1.28E-02	3.00E-03	4E-01	1.65E-03		-
	Manganese Mercury	7439965_NF 7439976	ND	1.28E-02 1.28E-02	2.00E-02 3.00E-04		1.65E-03 1.65E-03		-
	Selenium		1.79E-02	1.28E-02	5.00E=04 5.00E=03	5E-02	1.65E-03		-
	Silver		6.90E-03	1.28E-02	5.00E-03	2E-02	1.65E-03		-
	2-Methylnaphthalene	91576	ND	1.28E-02	2.00E-02		1.65E-03		-
	Acenaphthene Renzo[a]anthracene	83329 56553	ND ND	1.28E-02 1.28E-02	6.00E-02		1.65E-03	7.30E-01	-
	Benzo[a]anthracene Benzo[a]pyrene	50328	ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	-
	Benzo[k]fluoranthene	207089	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-02	-
	Chrysene	218019	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	-
	Dibenz[a,h]anthracene Dibenzofuran	53703 132649	ND ND	1.28E-02 1.28E-02	2.00E-02 4.00E-03		1.65E-03 1.65E-03	7.30E+00	-
	Fluoranthene	206440	ND	1.28E-02	4.00E-02		1.65E-03		
	Fluorene		3.00E-04	1.28E-02	4.00E-02	1E-04	1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	-
	Naphthalene Phenanthrene	91203 85018	2.00E-04 ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02	1E-04	1.65E-03 1.65E-03		
	Pyrene	129000	ND	1.28E-02	3.00E-02		1.65E-03		
	Aroclor-1260	11096825		1.28E-02	2.00E-05		1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	-
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521 106445	ND ND	1.28E-02 1.28E-02	1.00E-04 5.00E-03		1.65E-03 1.65E-03		-
	bis(2-Chloroethyl)ether		1.00E-03	1.28E-02	5.00L-05		1.65E-03	1.10E+00	2E
	bis(2-Ethylhexyl)phthalate	117817	9.00E-03	1.28E-02	2.00E-02	6E-03	1.65E-03	1.40E-02	2E
	Carbazole	86748	ND	1.28E-02			1.65E-03	2.00E-02	-
	n-Nitrosodipropylamine	621647	ND 2 00E 02	1.28E-02	2 00E 02	 1E 03	1.65E-03	7.00E+00	6E
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane	8 /865 71556	3.00E-03 ND	1.28E-02 1.28E-02	3.00E-02 2.80E-01	1E-03	1.65E-03 1.65E-03	1.20E-01	6E
	1,1,2-Trichloroethane	79005	ND	1.28E-02	4.00E-03		1.65E-03	5.70E-02	
	1,1-Dichloroethane	75343	ND	1.28E-02	1.00E-01		1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND 2.86E-03	1.28E-02 1.28E-02	3.00E-02 9.00E-03	 4E-03	1.65E-03 1.65E-03	9.10E-02	
	Acetone		1.10E-02	1.28E-02	1.00E-01	1E-03	1.65E-03		
	Benzene		8.00E-04	1.28E-02	3.00E-03	3E-03	1.65E-03	5.50E-02	7E
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	74873 156592	ND 3.00E-03	1.28E-02 1.28E-02	1.00E-02	 4E-03	1.65E-03 1.65E-03	1.30E-02	
	Dichloromethane		1.50E-03	1.28E-02	6.00E-02	3E-04	1.65E-03	7.50E-03	2E
	Ethylbenzene	100414	ND	1.28E-02	1.00E-01		1.65E-03		
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene Trichloroethene	108883	ND 3.10E-03	1.28E-02 1.28E-02	2.00E-01 3.00E-04	 1E-01	1.65E-03 1.65E-03	1.10E-02	6E
	Vinyl Chloride	75014_A	ND	1.28E-02	3.00E-04		1.65E-03	7.20E-01	OL.
	Xylenes (Total)	1330207	ND	1.28E-02	2.00E+00 Total	 1E+00	1.65E-03	 Total	2E
AOI 30	Antimony Arsenic Barium		 1.91E-02 7.65E-01	1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02	 8E-01 1E-01	1.65E-03 1.65E-03 1.65E-03	1.50E+00	5E
	Cadmium	7440439_W	3.07E-03	1.28E-02	5.00E-04	8E-02	1.65E-03		-
	Chromium		4.23E-02	1.28E-02	3.00E-03	2E-01	1.65E-03		-
		18540299_VI			2.000.02		1 (50 02		
	Manganese	7439965_NF	4 80E-05	1.28E-02	2.00E-02 3.00E-04	2E-03	1.65E-03 1.65E-03		
		7439965_NF 7439976	 4.80E-05 1.36E-02	1.28E-02 1.28E-02	3.00E-04	2E-03 3E-02	1.65E-03		
	Manganese Mercury	7439965_NF 7439976 7782492	4.80E-05 1.36E-02 3.20E-03	1.28E-02		2E-03 3E-02 8E-03			
	Manganese Mercury Selenium Silver 2-Methylnaphthalene	7439965_NF 7439976 7782492 7440224 91576	1.36E-02 3.20E-03 6.07E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02	2E-03 3E-02 8E-03 4E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03		
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7439965_NF 7439976 7782492 7440224 91576 83329	1.36E-02 3.20E-03 6.07E-01 9.24E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03	- - - -	
	Manganese Mereury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7439965_NF 7439976 7782492 7440224 91576 83329 56553	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01	2E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene	7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01	2E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02	2E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene	7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-01 7.30E-02 7.30E-03	2E 3E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 2E-02 1E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz/[a,h]anthracene Dibenz/[a,h]anthracene Dibenzofuran Fluoranthene	7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-02 1E-01 1E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-02 7.30E-03 7.30E+00	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,n]anthracene Dibenzofuran Fluoranthene Fluoranthene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-02 1E-01 1E-02 4E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Fluorene Fluorene	7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-02 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E+00	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[anthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Naphthalene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-02 4E-02 4E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[tran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene	7439965 NF 7439976 7782492 7440224 91576 91376 91379 91576 91379 91576 9	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-02 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E 3E 3E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 1E-02 2E-02 2E-02 2E-02 1E-01 1E-02 4E-02 1E-01 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	2E 3E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 1106467	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05	2E-03 3E-02 8E-03 4E-01 2E-02 2E-02 2E-02 2E-02 1E-01 1E-01 1E-02 4E-02 1E-01 2E-02 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-01 7.30E-03 7.30E-01 2.00E-00 2.40E-02	2E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-02 1.00E-02	2E-03 3E-02 8E-03 4E-01 1E-02 2E-02 2E-02 2E-02 1E-01 1E-02 4E-02 1E-01 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	2E 3E 3E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05 5.00E-05	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-02 4E-02 1E-01 2E-02 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-00 7.30E-00 7.30E-01 7.30E-03 7.30E-01 2.00E-00 2.40E-02	2E 3E 3E 3E 3E 3E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7439965 NF 7439976 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-04	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-01 1E-02 4E-02 1E-01 2E-02 5E-03 5E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Arnoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Cthloroethyl)ether bis(2-Ethylbexyl)phthalate	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106445 111444 117817	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.90E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-05 3.00E-02 2.00E-02 1.00E-03 3.00E-02 1.00E-04 5.00E-04	2E-03 3E-02 8E-03 4E-01 2E-02 2E-02 2E-02 2E-02 1E-02 1E-01 1E-02 4E-02 1E-01 2E-03 5E-03 8E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzo[tran Fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606202 534521 106445 111444 117817 86748	1.36E-02 3.20E-03 3.20E-03 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND ND ND 1.00E-03 ND ND ND 1.00E-03	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-04	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 2E-02 1E-01 1E-01 1E-02 4E-02 1E-01 2E-02 5E-03 5E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Genzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dibithorobenzene 2,6-Dinitrotolune 4,6-Dinitrotolune 4,6-Dinitrotochy]chere bis(2-Eintylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7439965 NF 7439976 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 206440 86737 193395 91203 85018 129000 11096825 106467 6606202 534521 106444 117817 86748	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.80E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.90E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-04 5.00E-04 5.00E-04	2E-03 3E-02 8E-03 4E-01 2E-02 1E-02 2E-02 1E-01 1E-02 4E-02 1E-01 2E-02 1E-01 2E-02 3E-03 8E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	2E 3E 3E 3E 3E 3E 1E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolune 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7439965 NF 7439976 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748 621647 87865 71556	1.36E-02 3.20E-03 3.20E-03 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.90E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-03 3E-02 8E-03 4E-01 2E-02 2E-02 2E-02 1E-01 1E-01 1E-02 1E-01 2E-02 1E-01 2E-02 1E-01 2E-02 1E-01 2E-02 1E-03 5E-03 8E-02 2E-03 2E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Florene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 606202 534521 106445 1111444 117817 86748 621647 87865 71556	1.36E-02 3.20E-03 2.20E-03 2.03E-02 2.80E-02 2.80E-02 2.84E-02 2.69E-02 1.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-04 5.00E-03 	2E-03 3E-02 8E-03 4E-01 2E-02 2E-02 2E-02 1E-01 1E-01 1E-01 1E-01 2E-02 1E-01 2E-02 1E-03 5E-03 2E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Pibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylnexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 106445 1111444 117817 86748 621647 87865 79005	1.36E-02 3.20E-03 3.20E-03 9.24E-02 2.03E-02 2.80E-02 2.80E-02 2.81E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.90E-03 ND 1.27E-01 ND 1.27E-01 ND 1.27E-01 ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-04 1.00E-04 1.00E-04	2E-03 3E-02 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-02 4E-02 1E-01 2E-01	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	2E 3E 3E 3E 1E 1E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dibithorothenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,3-Trichloroperpane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6606202 534521 106444 117817 86748 621647 87865 79005 75343 96184	1.36E-02 3.20E-03 2.20E-03 2.03E-02 2.80E-02 2.80E-02 2.80E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND 9.00E-03	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.80E-01 4.00E-03 1.00E-03	2E-03 3E-02 4E-01 1E-02 2E-02 2E-02 2E-02 1E-01 1E-01 2E-02	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	3E 3
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fliorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptopane 1,2-3-Trichloroptopane 1,2-3-Trichloroptopane 1,2-3-Trichloroptopane 1,2-5-Dichloroethane 1,2-3-Trichloroptopane 1,2-5-Dichloroethane 1,2-5-Dichloroethane 1,2-5-Dichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 2.66E-02 ND 3.00E-03 ND 1.90E-03 ND 1.90E-03 ND 5.00E-03 ND 5.00E-03 ND 5.00E-03 ND ND 9.00E-03 ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03	2E-03 3E-02 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-02 4E-02 1E-01 2E-01	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	2E 3E 3E 3E 3E 1E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dibithorothenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,3-Trichloroperpane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 71556 71505 75343 96184 107062 540590 67641	1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND 3.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 9.00E-03 ND ND 6.32E-02 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND ND ND 0.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.80E-01 4.00E-03 1.00E-03	2E-03 3E-02 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 5E-03 2E-02 2E-02 2E-02 2E-03 2E-03 2E-03 2E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-00 7.30E-30 7.30E-30 7.30E-10 	2E 3E 3E 3E 3E 1E 1E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11782	1.36E-02 3.20E-03 3.20E-03 3.20E-03 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND 9.00E-03 ND ND 1.27E-01 1.26E-02	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-03 3E-02 2E-02 2E-03 3E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-00 	2E 3E 3E 3E 3E 1E 1E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolune 4,6-Dinitrotolune 4,6-Dinitrotochy]cher bis(2-Einbylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 787865 79005 75343 96184 107062 540590 67641 71432	1.36E-02 3.20E-03 2.20E-03 2.03E-02 2.80E-02 2.80E-02 2.81E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.27E-01 3.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.0	1.28E-02 1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-01 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	2E-03 3E-02 4E-01 1E-02 2E-02 2E-02 2E-02 1E-01 1E-01 2E-02 1E-03 1E-01 2E-02 1E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole -Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptopnene 1,2-3-Trichloroptopnene 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 1106467 606202 534521 106445 1111444 117817 86748 621647 71556 679005 75343 96184 107062 540590 67641 71432 124481	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 2.66E-02 ND 3.00E-03 ND 1.90E-03 ND 1.90E-03 ND 5.00E-03 ND ND 5.00E-03 ND ND 05.20E-03 ND ND ND 06.32E-02 7.97E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-01 3.00E-01	2E-03 3E-02 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-02 4E-02 1E-01 2E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenantirene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Acetone Benzene Chloroethore (Ethyl chloride) Chloromethane (Methyl chloride)	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 71458 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.36E-02 3.20E-03 2.20E-03 2.03E-02 2.80E-02 2.80E-02 2.81E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.27E-01 3.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.0	1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03	2E-03 3E-02 4E-01 1E-02 2E-02 2E-02 2E-02 1E-01 1E-01 2E-02 1E-03 1E-01 2E-02 1E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole -Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptopnene 1,2-3-Trichloroptopnene 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106445 1117817 86748 621647 87865 71556 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.77E-01 3.00E-03 ND ND 9.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-01 3.00E-01	2E-03 3E-02 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-01 1E-01 2E-02 1E-01 2E-02 1E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorotenzene 2,6-Dinitrotolune 4,6-Dinitrotolune 4,6-Dinitrotochy]cher bis(2-Chlorotethy]chter bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloroptenol (PCP) 1,1,1-Trichlorocethane 1,1,2-Trichlorocethane 1,1,2-Trichlorocethane 1,2-Dichlorocethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloromethane Litylbenzene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 787865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 77592 100414	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 0,00E-03 ND 0,00E-	1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 4.00E-03 1.00E-03 1.00E-03 1.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	2E-03 3E-02 4E-01 2E-02 2E-02 2E-02 2E-02 4E-01 1E-01 2E-02 4E-02 1E-01 2E-02 1E-01 2E-02 1E-01 2E-02 2E-02 2E-03 3E-02 2E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E 3E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorobenane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 71556 79005 75343 96184 107062 546590 67641 71432 124481 75003 74873 156592 75092 75092 75092	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 2.68E-02 ND 3.00E-03 ND 1.90E-03 ND 0.27E-01 3.00E-03 ND 0.27E-01 3.00E-03 ND ND 0.27E-01 0.27E-03 ND ND 0.27E-03 ND ND 0.32E-02 0.32E-02 0.32E-03 0.32E-03 0.32E-03 0.32E-03 0.32E-03	1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-02 1.00E-02	2E-03 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-01 1.0E-01 1.0E-01 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+02 2.00E-02 7.50E-03 1.30E-02 7.50E-03 1.30E-03	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Eithylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane Acetone Benzene Chlorodibromomethane Chlorochane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 116447 616202 534521 116447 87865 771556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.90E-03 ND ND 9.00E-03 ND ND 9.00E-03 ND ND 0.32E-02 1.65E-02 7.97E-03 3.0D 8.46E-03 7.09E-03 3.20E-03 3.10E-03	1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-04 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-03 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-01 1E-01 2E-02 1E-01 3E-03 1E-03 1E-04 1E-05	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 1.0E-00 1.0E-00 1.40E-02 7.00E-00 1.20E-01 2.00E-02 7.00E-00 9.10E-02 9.10E-02 7.50E-02 8.40E-02 2.90E-02 7.50E-02 8.40E-02 7.50E-03	3E 3E 3E 3E 3E 3E 3E 1E 1E 5 7E 8E 8E
	Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorobenane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 116447 616202 534521 116447 87865 771556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 2.68E-02 ND 3.00E-03 ND 1.90E-03 ND 0.27E-01 3.00E-03 ND 0.27E-01 3.00E-03 ND ND 0.27E-01 0.27E-03 ND ND 0.27E-03 ND ND 0.32E-02 0.32E-02 0.32E-03 0.32E-03 0.32E-03 0.32E-03 0.32E-03	1.28E-02	3.00E-04 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-02 1.00E-02	2E-03 3E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E-00 1.10E-00 1.40E-02 2.00E-00 1.20E-01 2.00E-00 9.10E-02 2.00E-03 1.30E-02 2.50E-03 1.30E-01	2E 3E
	Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroptopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethane Elhyl chloride) Chloromethane Eltylbenzene Tetrachloroethene Toluene Trichloroethene Toluene Trichloroethene Toluene Trichloroethene	7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 1106444 117817 86748 621647 87865 771556 771556 779005 75343 96184 107062 540590 67641 714132 124481 75003 74873 156592 75902 100414 127184 108883 79016	1.36E-02 3.20E-03 3.20E-03 3.20E-03 2.03E-02 2.03E-02 2.80E-02 2.80E-02 2.81E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND 1.27E-01 3.00E-03 ND 9.00E-03 ND 1.20E-03 ND 9.00E-03 ND 9.00E-03 ND 1.20E-03 1.20E-03 1.20E-03	1.28E-02	3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-03 3.00E-03 1.00E-04 6.00E-03 3.00E-02 9.00E-02 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-03 3E-02 2E-02 2E-03 3E-02 2E-02 2E-03 3E-02 9E-02 1E-03 3E-02 9E-02 1E-03 3E-02 9E-02 1E-03 3E-02 9E-02 1E-03 3E-02 1E-03 1E-03 1E-03 1E-04 1E-04 1E-04 1E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 1.0E-00 1.0E-00 1.40E-02 7.00E-00 1.20E-01 2.00E-02 7.00E-00 9.10E-02 9.10E-02 7.50E-02 8.40E-02 2.90E-02 7.50E-02 8.40E-02 7.50E-03	2E 3E

AOI 32		CAS Number	Cgw (mg/L)	Non CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskO
	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic		1.65E-02	1.28E-02	3.00E-04	7E-01	1.65E-03	1.50E+00	4E-05
	Barium Cadmium	7440393 7440439 W	6.02E-01 5.00E-03	1.28E-02 1.28E-02	7.00E-02 5.00E-04	1E-01 1E-01	1.65E-03 1.65E-03		
	Chromium	18540299 VI	1.90E-03	1.28E-02	3.00E-04	8E-03	1.65E-03		
	Manganese	7439965_NF		1.28E-02	2.00E-02		1.65E-03		
	Mercury		3.27E-05	1.28E-02	3.00E-04	1E-03	1.65E-03		
	Selenium		6.60E-03	1.28E-02	5.00E-03	2E-02	1.65E-03		
	Silver 2-Methylnaphthalene		1.50E-03 1.55E-02	1.28E-02 1.28E-02	5.00E-03 2.00E-02	4E-03 1E-02	1.65E-03 1.65E-03		
	Acenaphthene	83329	3.30E-03	1.28E-02	6.00E-02	7E-04	1.65E-03		
	Benzo[a]anthracene		1.30E-03	1.28E-02	2.00E-02	8E-04	1.65E-03	7.30E-01	2E-0
	Benzo[a]pyrene	50328	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Benzo[b]fluoranthene		1.10E-03	1.28E-02	2.00E-02	7E-04	1.65E-03	7.30E-01	1E-0 2E-0
	Benzo[k]fluoranthene Chrysene		2.00E-04 1.10E-03	1.28E-02 1.28E-02	2.00E-02 2.00E-02	1E-04 7E-04	1.65E-03 1.65E-03	7.30E-02 7.30E-03	2E-0 1E-0
	Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02 2.00E-02	/L=04	1.65E-03	7.30E+00	112-0
	Dibenzofuran		1.20E-03	1.28E-02	4.00E-03	4E-03	1.65E-03		
	Fluoranthene		7.40E-03	1.28E-02	4.00E-02	2E-03	1.65E-03		
	Fluorene		3.40E-03	1.28E-02	4.00E-02	1E-03	1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND 5.20E-03	1.28E-02	2.00E-02 2.00E-02	3E-03	1.65E-03	7.30E-01	
	Naphthalene Phenanthrene		4.50E-03	1.28E-02 1.28E-02	2.00E-02 2.00E-02	3E-03	1.65E-03 1.65E-03		
	Pyrene		5.60E-03	1.28E-02	3.00E-02	2E-03	1.65E-03		
	Aroclor-1260	11096825		1.28E-02	2.00E-05		1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521 106445	ND ND	1.28E-02 1.28E-02	1.00E-04 5.00E-03		1.65E-03 1.65E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	111444	ND	1.28E-02	J.00E=03		1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate		1.40E-01	1.28E-02	2.00E-02	9E-02	1.65E-03	1.40E-02	3E-0
	Carbazole	86748	1.20E-03	1.28E-02			1.65E-03	2.00E-02	4E-0
	n-Nitrosodipropylamine	621647	ND	1.28E-02			1.65E-03	7.00E+00	
	Pentachlorophenol (PCP)		6.30E-03	1.28E-02	3.00E-02	3E-03	1.65E-03	1.20E-01	1E-
	1,1,1-Trichloroethane 1,1,2-Trichloroethane	71556 79005	ND ND	1.28E-02 1.28E-02	2.80E-01 4.00E-03		1.65E-03 1.65E-03	5.70E-02	
	1,1,2-1 richloroethane	75343	ND ND	1.28E-02 1.28E-02	1.00E-03		1.65E-03	J. 70E-02	
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.28E-02	3.00E-02		1.65E-03	9.10E-02	
	1,2-Dichloroethene		2.43E-03	1.28E-02	9.00E-03	3E-03	1.65E-03		
	Acetone	67641 71432	1.00E+01	1.28E-02 1.28E-02	1.00E-01	1E+00	1.65E-03	5.50E-02	
	Benzene Chlorodibromomethane	124481	ND ND	1.28E-02 1.28E-02	3.00E-03 2.00E-02		1.65E-03 1.65E-03	8.40E-02	-
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	8.38E-03	1.28E-02			1.65E-03	1.30E-02	2E-
	cis-1,2-Dichloroethene		1.45E-03	1.28E-02	1.00E-02	2E-03	1.65E-03		
	Dichloromethane		1.60E+00	1.28E-02	6.00E-02	3E-01	1.65E-03	7.50E-03	2E-
	Ethylbenzene Tetrachloroethene	100414 127184	ND ND	1.28E-02 1.28E-02	1.00E-01 1.00E-02		1.65E-03 1.65E-03	5.20E-02	-
	Toluene		1.60E-03	1.28E-02	2.00E-01	1E-04	1.65E-03	J.20L-02	
	Trichloroethene	79016	ND	1.28E-02	3.00E-04		1.65E-03	1.10E-02	
	Vinyl Chloride	75014_A	8.17E-03	1.28E-02	3.00E-03	3E-02	1.65E-03	7.20E-01	1E-0
	Xylenes (Total)	1330207	2.60E-03	1.28E-02	2.00E+00 Total	2E-05 3E+00	1.65E-03	Total	8E-0
AOI 33	Antimony	7440360	2.155.02	1.28E-02	4.00E-04		1.65E-03	1.505:00	 6E /
AOI 33	Arsenic	7440382	2.15E-03	1.28E-02	4.00E-04 3.00E-04	 9E-02	1.65E-03	1.50E+00	
AOI 33	Arsenic Barium	7440382 7440393	2.15E-03 1.85E-01	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02	9E-02 3E-02	1.65E-03 1.65E-03		
AOI 33	Arsenic Barium Cadmium	7440382 7440393 7440439_W	2.15E-03	1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04	 9E-02	1.65E-03		
AOI 33	Arsenic Barium	7440382 7440393	2.15E-03 1.85E-01 4.75E-04	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04	9E-02 3E-02 1E-02	1.65E-03 1.65E-03 1.65E-03		-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	9E-02 3E-02 1E-02 4E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-03 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	-	3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]lpyrene	7440382 7440349_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-01	3E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 2059992 207089	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-02 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E-01 7.30E-02	3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-02 7.30E-02	3E- 3E- 2E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]flooranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 2.16E-03 1.99E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-02 7.30E-02	3E- 3E- 3E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]hjuoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 1.99E-03 ND 8.23E-03 7.68E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03	9E-02 3E-02 4E-03 5E-03 9E-03 3E-01 5E-02 2E-01 1E-03 1E-03 1E-03 1E-03 3E-03 1E-03 2E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	3E- 3E- 3E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluorantene Fluorene Fluorene Indeno[1,2,3-c,d]pyrene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.07E-03 2.07E-03 ND 8.23E-03 ND 8.23E-02 7.68E-02 2.14E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 2.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-02	9E-02 3E-02 1E-02 1E-02 4E-03 5E-03 3E-03 2E-01 1E-03 1E-03 1E-03 1E-03 1E-03 2E-02 2E-02 2E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 2E-01 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 1326440 86737 193395 91203	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.48E-01	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	3E- 3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440224 744022 200788 33329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440224 744022 200788 33329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.50E-01	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03	3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 2.36E-03 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.07E-03 2.16E-03 3.00E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-02 1.02E-04	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-01 	3E- 3E- 3E- 3E- 3E- 3E- 3E- 3E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Genzo[k]fluoranthene Dibenzo[k]nanthracene Dibenzo[k]nanthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.25E-03 2.07E-03 2.16E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.50E-01 1.22E-02 1.22E-02 1.22E-04	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 4.00E-03 3.00E-02 3.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 3E-02 1E-03 1E-03 3E-02 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-00 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.40E-02	3E- 3E- 3E- 3E- 3E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracenee Dibenz[a,h]anthraceneee Dibenz[a,h]anthraceneeee Dibenz[a,h]anthraceneeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	7440382 744039 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 267089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-02 1.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 3E-04 2E-01 1E-03 1E-03 3E-04 2E-01 1E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E-
AAOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 606202 534521 106445	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 4.00E-03 3.00E-02 3.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 3E-02 1E-03 1E-03 3E-02 1E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracenee Dibenz[a,h]anthraceneee Dibenz[a,h]anthraceneeee Dibenz[a,h]anthraceneeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-02 1.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 3E-04 2E-01 1E-03 1E-03 3E-04 2E-01 1E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E- 3E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]n]anthracene Dibenzo[k]n]anthracene Dibenzo[hran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Diphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-02 3.00E-02 3.00E-03 3.00E-02 1.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 3E-03 2E-02 1E-01 5E-02 2E-04 6E-03	1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	3E- 3E- 3E- 2E- 3E- 2E- 3E- 2E-
AAOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[a]hjuoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrootuene 4,6-Dinitroo-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)'ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 744039 W 18540299 VI 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.25E-03 2.07E-03 2.07E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 1.99E-03 1.99E-03 1.02E-04 4.00E-04 ND ND 0.50E-01 1.02E-04 4.00E-03 ND 0.50E-01 1.02E-04 0.50E-01 1.02E-04 0.50E-03 0.5	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-05 3.00E-05 3.00E-05 3.00E-05 3.00E-02 3.00E-02 4.00E-03 5.00E-04 5.00E-05 3.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 2E-01 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 1E-03 1E-03 3E-03 2E-01 2E-03 4E-100 1E-01 5E-03 7E-02 2E-04 6E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-02 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E- 2E- 2E- 2E- 1E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440382 744039 W 18540299 VI 7439965 NF 7439976 78240224 91576 83329 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606202 534521 106445 1111444 117817 86748 621647 87865	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-04 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 1E-03 6E-03 6E-03 4E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E- 2E- 2E- 2E- 1E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hiloranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenorene Arcolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 26768 83292 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 1E-01 5E-02 2E-04 6E-03 6E-04 4E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E- 3E- 3E- 3E- 2E- 3E- 2E- 2E- 1E- 2E-
AAOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-03 2.25E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 1.99E-03 ND 1.50E-01 1.22E-02 1.4E-03 5.49E-400 1.50E-01 1.22E-04 4.00E-04 ND ND 1.02E-04 ND 1.00E-03 ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 3.00E-02 2.80E-01	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 5E-02 2E-04 6E-03 4E-04 4E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-02 7.30E-01 	3E- 3E- 3E- 2E- 3E- 2E- 2E- 1E- 2E- 1E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]n]anthracene Dibenzo[k]n]anthracene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556	2.15E-03 1.85E-01 4.75E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 1E-01 5E-02 2E-04 6E-03 6E-04 4E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	3E- 3E- 3E- 3E- 3E- 2E- 3E- 2E- 1E- 1E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106447 117817 86748 621647 87865 71556	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-01 	3E- 3E- 3E- 3E- 2E- 2E- 1E- 2E- 1E-
AAOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene	7440382 744039_W 18540299_V1 743995_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 779005 75343 96184 107062 540590	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.16E-03 2.16E-03 8.00 2.30E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E-00 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 2.51E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND 1.40E-03 1.36E-03 ND ND	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 2E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 1E-03 6E-04 4E-04 4E-04 4E-04 4E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 2.00E-02 7.00E-00 1.20E-01	3E- 3E- 3E- 3E- 2E- 1E- 2E- 1E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dib	7440382 744039 7440439 W 18540299 VII 7439965 NF 7439965 7439965 743929 546533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 1107062 540590 67641	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-01 1.22E-02 1.4E-03 5.49E-00 1.50E-01 1.22E-02 1.02E-04 ND ND 1.00E-03 7.02E-03 1.00E-03 1.00E-03 ND 1.40E-03 1.36E-03 ND 1.75E-02	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-04 6E-04 4E-04 4E-04 2E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	3E- 3E- 3E- 3E- 3E- 2E- 2E- 1E- 1E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 Aroclor-1260 A-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene	7440382 744039 W 18540299 VI 7439965 NF 7439976 83329 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106447 111444 117817 86748 621647 87865 71556 79003 79003 79343 96184 107062 540590 67641 107432	2.15E-03 1.85E-01 1.85E-01 4.75E-04 9.84E-04 9.84E-04 - 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E-00 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND 1.40E-03 ND 1.40E-03 ND 1.40E-03 ND 1.50E-01 1.50E-01 1.50E-01 1.50E-01 1.50E-03 ND ND 1.75E-02 ND ND 1.75E-02	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	3E- 3E- 3E- 3E- 3E- 2E- 1E- 1E- 6E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Jibenzofuran Fluoranthene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7440382 744039 W 18540299 VI 7439956 NF 7439976 7782492 7440224 91576 83329 267089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 87865 71556 79005 75343 96184 107062 540590 67641 71432	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.40E-01 2.25E-03 2.16E-03 8.00 7.68E-02 2.14E-03 7.68E-02 2.14E-03 7.68E-02 1.10E-04 1.02E-04 4.00E-04 ND ND 1.00E-03	1.28E-0.2	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 2E-01 15E-02 2E-03 1E-03 1E-03 1E-03 3E-01 2E-02 1E-03 4E-00 1E-01 5E-03 6E-04 4E-04 4E-04 4E-04 2E-04 2E-03 3E-01	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 7.30E-00 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02	3E- 3E- 3E- 3E- 3E- 2E- 1E- 2E- 1E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439966 NF 7439966 NF 7439966 NF 743996 7440224 112481 117817 86748 621647 87865 71556 71566 715	2.15E-03 1.85E-01 1.85E-01 1.85E-01 4.75E-04 9.84E-04 - 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-03 2.16E-03 1.99E-03 ND 8.23E-03 1.99E-03 ND 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 1.51E-03 ND 1.00E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 6E-04 4E-04	1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.30E-02 7.3	3E- 2E- 3E- 2E- 3E- 2E- 1E- 1E- 6E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Ji-chloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethone (Ethyl chloride) Chloromethane (Ethyl chloride)	7440382 744039_W 1854029_VI 743995_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.16E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 ND 8.23E-03 ND 1.99E-04 1.50E-01 1.20E-04 4.00E-04 ND ND 2.51E-03 1.00E-03 ND 1.00E-03 ND 1.40E-03 1.00E-03 ND ND 1.40E-03 ND ND 1.75E-02 1.39E-03 ND ND	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 2E-01 15E-02 2E-03 1E-03 1E-03 1E-03 3E-01 2E-02 1E-03 4E-00 1E-01 5E-03 6E-04 4E-04 4E-04 4E-04 2E-04 2E-03 3E-01	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-00 7.30E-00 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02	3E- 3E- 3E- 3E- 3E- 2E- 1E- 2E- 1E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 775534 36184 107062 540590 67641 71432 124481 75003 74873 156592	2.15E-03 1.85E-01 1.85E-01 1.85E-01 4.75E-04 9.84E-04 - 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-03 2.16E-03 1.99E-03 ND 8.23E-03 1.99E-03 ND 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 1.51E-03 ND 1.00E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-01 5E-02 2E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 6E-04 4E-04 4E-04 4E-04 4E-04 4E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.50E-02 5.70E-02 5.70E-02 2.00E+00 9.10E-02 1.10E-01 1.20E-01 5.50E-02 8.40E-02	3E- 3E- 3E- 2E- 3E- 2E- 1E- 1E- 6E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Denanthrene Penanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbev)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloromethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7440382 7440392 7440439 W 18540299 VII 7439965 NF 7439965 7439965 S183229 2407899 218019 33703 132649 206440 86737 193995 91203 85018 129000 11096825 1106445 111444 117817 86748 621647 87865 79055 75343 96184 107062 540590 67641 17432 124481 75003 74873	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.16E-03 2.30E-03 ND 8.23E-03 ND 8.23E-03 ND 1.25E-01 1.22E-02 1.40E-01 1.20E-04 ND ND 1.00E-03 ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.75E-02 6.57E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND	1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 4.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 3E-03 2E-01 5E-02 2E-04 4E-04 2E-03 3E-01 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-02 7.00E+00 1.20E-01 5.70E-02 2.00E-02 8.40E-02 2.00E-02	3E- 3E- 3E- 3E- 3E- 2E- 3E- 2E- 1E- 1E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110647 606202 534521 110444 117817 86748 621647 87865 71556 779055 75343 96184 1070062 544590 67641 71432 124481 75003 74873 156592 75092 100414 27184	2.15E-03 1.85E-01 1.85E-01 1.85E-01 4.75E-04 9.84E-04 - 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-03 2.16E-03 1.99E-03 ND 8.23E-03 5.49E+00 1.50E-01 1.22E-02 1.02E-04 4.00E-04 ND ND 1.51E-03 ND 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 ND ND 1.40E-03 1.36E-03 ND ND ND ND ND 1.75E-02 1.39E-03 ND ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.24E-03 1.75E+00 ND ND ND 1.24E-03	1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 3.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-03	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 6E-04 4E-04 4E-04	1.65E-03	7.30E-01 7.30E-07 7.50E-07 7.50E-07	3E- 3E- 3E- 3E- 3E- 3E- 2E- 1E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]niporanthene Benzo[a]niporanthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Andenoil [1,2,3-c,d]pyrene Andelor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloromethane Chloromethane Ethyllenzene Ethyllenzene Ethyllenzene Ethyllenzene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 71556 779005 75343 96184 107062 540590 67641 17432 124481 75003 74873 156592 75092 100414 127184	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 ND 8.23E-03 ND 1.99E-04 1.09E-04 1.00E-04 ND ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.36E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND ND 1.75E-02 1.39E-03 ND ND ND ND ND ND ND ND ND 1.75E-02 1.39E-03 ND	1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 6.00E-02 9.00E-02 1.00E-03 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 2E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E-02 9.00E-02 7.50E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	3E- 3E- 3E- 3E- 3E- 2E- 1E- 2E- 1E- 2E- 1E- 2E- 2E-
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzoftran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Tetrachloroethene Toluene Trichloroethene Tetrachloroethene Tetrachloroethene Toluene Trichloroethene	7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 207089 218019 53703 132649 1203 85018 129000 11096825 110647 606620 534521 106445 1111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 17817 75003 74873 156592 75092 100414 127184 108883 79016	2.15E-03 1.85E-01 1.85E-01 4.75E-04 9.84E-04 - 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.16E-03 2.16E-03 2.16E-03 2.30E-03 1.99E-03 ND 8.23E-03 5.49E-00 1.50E-01 1.22E-02 1.02E-04 ND ND 2.51E-03 ND 1.00E-03 ND ND 1.40E-03 1.00E-03 ND	1.28E-02 1.2	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02 4.00E-02 4.00E-02	9E-02 3E-02 1E-02 4E-03 5E-03 3E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 6E-04 4E-04 4E-04	1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-00 7.30E-01 5.70E-02 2.00E+00 9.10E-02 5.70E-02 7.50E-03 1.10E-02	3E-i-3E-i-1E-i-1E-i-2E-i-2E-i-2E-i-2E-i-2E-i-2
AOI 33	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]niporanthene Benzo[a]niporanthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Andenoil [1,2,3-c,d]pyrene Andelor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloromethane Chloromethane Ethyllenzene Ethyllenzene Ethyllenzene Ethyllenzene	7440382 7440392 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 666202 534521 106447 117867 87865 75343 96184 117867 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 104417 17432 124481 75003 75902 104414 127184 18883 79016	2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 ND 8.23E-03 ND 8.23E-03 ND 8.23E-03 ND 1.99E-04 1.09E-04 1.00E-04 ND ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.36E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND 1.75E-02 1.39E-03 ND ND ND ND 1.75E-02 1.39E-03 ND ND ND ND ND ND ND ND ND 1.75E-02 1.39E-03 ND	1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 6.00E-02 9.00E-02 1.00E-03 1.00E-01	9E-02 3E-02 1E-02 4E-03 5E-03 9E-03 3E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 1E-03 2E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E-02 9.00E-02 7.50E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	3E-(

AOI 34		CAS Number	Cgw (mg/L)	CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	RiskC
	Antimony	7440360	4.95E-02	1.28E-02	4.00E-04	2E+00	1.65E-03		
	Arsenic		2.26E-02	1.28E-02	3.00E-04	1E+00	1.65E-03	1.50E+00	6E-05
	Barium		3.81E-01	1.28E-02	7.00E-02	7E-02	1.65E-03		
	Cadmium Chromium	7440439_W 18540299 VI	1.55E-03 3.66E-02	1.28E-02 1.28E-02	5.00E-04 3.00E-03	4E-02 2E-01	1.65E-03 1.65E-03		
	Manganese	7439965_NF	1.19E+00	1.28E-02	2.00E-02	8E-01	1.65E-03		
	Mercury		5.70E-04	1.28E-02	3.00E-04	2E-02	1.65E-03		
	Selenium Silver		1.04E-02 2.04E-02	1.28E-02 1.28E-02	5.00E-03 5.00E-03	3E-02 5E-02	1.65E-03 1.65E-03		
	2-Methylnaphthalene		8.98E-03	1.28E-02 1.28E-02	2.00E-02	6E-03	1.65E-03		
	Acenaphthene	83329	2.86E-03	1.28E-02	6.00E-02	6E-04	1.65E-03		
	Benzo[a]anthracene	56553	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[a]pyrene	50328 205992	ND ND	1.28E-02 1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Benzo[b]fluoranthene Benzo[k]fluoranthene	207089	ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03 1.65E-03	7.30E-01 7.30E-02	
	Chrysene	218019	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran Fluoranthene	132649 206440	5.69E-03 ND	1.28E-02 1.28E-02	4.00E-03 4.00E-02	2E-02	1.65E-03 1.65E-03		
	Fluorene		3.28E-03	1.28E-02 1.28E-02	4.00E-02 4.00E-02	1E-03	1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Naphthalene		3.12E-03	1.28E-02	2.00E-02	2E-03	1.65E-03		
	Phenanthrene Pyrene		3.07E-03 1.10E-03	1.28E-02 1.28E-02	2.00E-02 3.00E-02	2E-03 5E-04	1.65E-03 1.65E-03		
	Aroclor-1260	11096825	1.10E-03	1.28E-02 1.28E-02	2.00E-02	3E-04	1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol		2.00E-03	1.28E-02	1.00E-04	3E-01	1.65E-03 1.65E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445 111444	ND ND	1.28E-02 1.28E-02	5.00E-03		1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	1.35E-02	1.28E-02	2.00E-02	9E-03	1.65E-03	1.40E-02	3E-07
	Carbazole		2.70E-03	1.28E-02			1.65E-03	2.00E-02	9E-08
	n-Nitrosodipropylamine Pentachlorophenol (PCP)	621647 87865	ND 5.84E-03	1.28E-02	3 00E 02	2E-03	1.65E-03	7.00E+00	 1E-06
	Pentachlorophenol (PCP) 1,1,1-Trichloroethane		5.84E-03 3.39E-03	1.28E-02 1.28E-02	3.00E-02 2.80E-01	2E-03 2E-04	1.65E-03 1.65E-03	1.20E-01	1E-06
	1,1,2-Trichloroethane		8.00E-04	1.28E-02 1.28E-02	4.00E-03	3E-03	1.65E-03	5.70E-02	8E-08
	1,1-Dichloroethane	75343	2.87E-01	1.28E-02	1.00E-01	4E-02	1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03	 2E 04	1.65E-03	2.00E+00	 OE 08
	1,2-Dichloroethane 1,2-Dichloroethene		6.00E-04 1.69E-02	1.28E-02 1.28E-02	3.00E-02 9.00E-03	3E-04 2E-02	1.65E-03 1.65E-03	9.10E-02	9E-08
	Acetone		2.09E-02	1.28E-02	1.00E-01	3E-03	1.65E-03		
	Benzene	71432	3.75E-03	1.28E-02	3.00E-03	2E-02	1.65E-03	5.50E-02	3E-07
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	75003 74873	1.72E-02 ND	1.28E-02 1.28E-02	4.00E-01	6E-04	1.65E-03 1.65E-03	2.90E-03 1.30E-02	8E-08
	cis-1,2-Dichloroethene		1.30E-02	1.28E-02	1.00E-02	2E-02	1.65E-03	1.3012-02	
	Dichloromethane		3.34E-03	1.28E-02	6.00E-02	7E-04	1.65E-03	7.50E-03	4E-08
	Ethylbenzene		3.00E-03	1.28E-02	1.00E-01	4E-04	1.65E-03		
	Tetrachloroethene Toluene		3.64E-03 3.10E-03	1.28E-02 1.28E-02	1.00E-02 2.00E-01	5E-03 2E-04	1.65E-03 1.65E-03	5.20E-02	3E-07
	Trichloroethene		3.10E-03 3.34E-03	1.28E-02 1.28E-02	3.00E-01	1E-01	1.65E-03	1.10E-02	6E-08
	Vinyl Chloride	75014_A	1.92E-01	1.28E-02	3.00E-03	8E-01	1.65E-03	7.20E-01	2E-04
	Xylenes (Total)	1330207	4.44E-03	1.28E-02	2.00E+00 Total	3E-05 5E+00	1.65E-03	Total	3E-04
AOL 35	Antimony	7440360	_	1 28F-02	4 00F-04		1.65F-03		
AOI 35	Antimony Arsenic	7440360 7440382	 9.50E-03	1.28E-02 1.28E-02	4.00E-04 3.00E-04	 4E-01	1.65E-03 1.65E-03	 1.50E+00	 2E-05
AOI 35		7440382 7440393	 9.50E-03 3.12E-01			4E-01 6E-02	1.65E-03 1.65E-03	 1.50E+00 	2E-05
AOI 35	Arsenic Barium Cadmium	7440382 7440393 7440439_W	9.50E-03 3.12E-01 1.50E-03	1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04	4E-01 6E-02 4E-02	1.65E-03 1.65E-03 1.65E-03		
AOI 35	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	9.50E-03 3.12E-01 1.50E-03 2.10E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03	4E-01 6E-02 4E-02 9E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03		
AOI 35	Arsenie Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01	1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04	4E-01 6E-02 4E-02	1.65E-03 1.65E-03 1.65E-03		
AOI 35	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	9.50E-03 3.12E-01 1.50E-03 2.10E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	4E-01 6E-02 4E-02 9E-03 4E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	- - - - - - -	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]lpyrene	7440382 7440349_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-01	-
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03		
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03		-
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 9E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03		
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[b]fluoranthene Genzo[k]fluoranthene Genzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 207089 218019 33703 132649 206440	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]hjuoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-04 4.00E-04 4.00E-02 4.00E-04	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 6E-05 1E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	9.50E-03 3.12E-01 1.50E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440224 744022 200788 33329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	9.50E-03 3.12E-01 1.50E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 7.40E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 9E-04 -	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 6E-05 1E-03 6E-05 4E-03 9E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-04 3.00E-03 2.00E-02 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 9E-03 4E-02 9E-03 2E-02 7E-03 2E-02 9E-04 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracenee Dibenz[a,h]anthraceneee Dibenz[a,h]anthraceneeee Dibenz[a,h]anthraceneeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 3.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 6E-05 1E-03 6E-05 4E-03 9E-05	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 606202 534521 106445	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND 0.00E-04 4.00E-03 ND 1.00E-04 ND 1.00E-04 ND	1.28E-02	3.00E-04 7.00E-02 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02	4E-01 6E-02 4E-02 9E-03 4E-01 3E-03 2E-02 7E-03 2E-02 9E-04 	1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-02 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]hjoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 5.00E-03 5.00E-03 1.00E-03 3.00E-02 5.00E-02 5.00E-02	4E-01 6E-02 9E-03 4E-01 9E-02 9E-02 9E-04 6E-05 1E-03 9E-05 1E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Lobenz[a,h]anthracene Lobenz[a,h]anthracene Dibenz[a,h]anthracene Lobenz[a,h]anthracene Lobenz[a,h]anthrac	7440382 744039 W 18540299 VI 7439965 NF 7439976 782492 18129	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND 0.00E-04 4.00E-03 2.00E-04 ND 3.00E-04 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 5.00E-02 5.00E-02 1.00E-03 3.00E-02 1.00E-04 5.00E-04	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04 1E-03 9E-05 4E-03 9E-05 1E-04 2E-03	1,65E-03 1,65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]n]anthracene Dibenzo[k]n]anthracene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 Aroclor-1260 Aroclor-1260 A-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dichlorobenzene 2,6-Dinitro-o-cresol 5,6-Zichloroethy]ether bis(2-Ethylhexyl)phthalate Carbazole	7440382 744039 W 18540299 VI 7439965 NF 7439976 782492 18129	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02 1.28E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 5.00E-03 5.00E-03 1.00E-03 3.00E-02 5.00E-02 5.00E-02	4E-01 6E-02 9E-03 4E-01 9E-02 9E-02 9E-04 6E-05 1E-03 9E-05 1E-04	1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440382 744039 W 18540299 VI 7439965 NF 7439976 78240224 91576 83329 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606202 534521 106445 1111444 117817 86748 621647 87865	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND 1.00E-04 6.00E-03 ND 1.00E-04 ND ND ND ND ND ND ND 1.00E-04 ND	1.28E-02	3.00E-04 7.00E-02 4.00E-02 3.00E-02 3.00E-02 3.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-03	4E-01 6E-02 9E-03 3E-02 9E-03 9E-04 9E-03 9E-04 9E-04 9E-05	1,65E-03 1,65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hiloranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenorene Arcolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 26768 218019 53703 132649 206440 86737 193395 1106445 1117817 86748 61647 87865 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-04 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	4E-01 6E-02 9E-03 3E-02 9E-04 1E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01 2.00E+00 1.40E-02 7.00E+00 1.20E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND 0.00E-04 ND 1.00E-04 ND ND ND ND ND 0.00E-04 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-02 2.00E-02	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04 1E-04 1E-04 2E-03 2E-03 2E-03 2E-03 2E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-00 7.30E-02 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pryrene Benzo[a]pryrene Benzo[a]hiloranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenothrene Arcolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-04 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	4E-01 6E-02 9E-03 3E-02 9E-04 1E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01 2.00E+00 1.40E-02 7.00E+00 1.20E-01	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PcTesol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439966 NF 7439966 NF 7439966 NF 7439966 NF 743996 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 71556 71556 71556 71556 71556 71556 71556 71556 71556 71556 71556 71556 71556	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND 1.00E-04 6.00E-03 3.00E-04 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 2.80E-01 3.00E-02 2.80E-01 4.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04	4E-01 6E-02 9E-03 3E-02 9E-03 9E-04 9E-03 9E-04 9E-04 9E-05 9E-04 9E-05	1,65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzo[uran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene	7440382 744039_W 1854029_VI 743995_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 4.00E-02 2.00E-02 2.00E-01 3.00E-04 5.00E-03 1.00E-03 1.00E-01 4.00E-03 3.00E-02 2.80E-01 4.00E-03	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dib	7440382 744039 7440439 W 18540299 W1 7439965 NF 7439965 7439965 S1326 91576 83329 565533 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 1107062 540590 67641	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-02 3.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04 1E-03 1E-03 1E-03 1E-03 2E-03 2	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 Aroclor-1260 A-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene	7440382 744039 W 18540299 VI 7439965 NF 7439976 83329 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106447 111444 117817 86748 621647 87865 71556 79003 79003 79343 96184 107062 540590 67641 107432	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND 1.00E-04 6.00E-04 ND	1.28E-02	3.00E-04 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 4.00E-02 2.80E-01 4.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-01	4E-01 6E-02 9E-03 3E-02 9E-04 4E-01 9E-04 9E-03 9E-04 1-0 9E-05 9E	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 5.50E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 744039 W 18540299 VI 7439965 NF 7439966 NF 7439966 NF 7439966 NF 743996 7440224 112481 117817 86748 621647 87865 71556 71566 715	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND ND 1.00E-04 4.00E-03 3.00E-04 ND ND ND ND ND ND ND ND ND 1.00E-04 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-02 3.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04 1E-03 1E-03 1E-03 1E-03 2E-03 2	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-01 7.30E-01 2.00E-00 2.40E-02 6.80E-01 2.00E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 2.00E+00 9.10E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Ji-chloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethone (Ethyl chloride) Chloromethane (Ethyl chloride)	7440382 744039_W 1854029_VI 743995_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 1.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02 1.00E-01 4.00E-03 1.00E-01 1.00E-03 1.00E-04 4.00E-03 1.00E-01	4E-01 6E-02 9E-03 4E-01 4E-01 4E-01 4E-01 4E-01 4E-01 4E-01 4E-01 4E-01 4E-03 9E-05 4E-05	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Denanthrene Penanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbev)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloromethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 775534 36184 107062 540590 67641 71432 124481 75003 74873 156592	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-00 7.30E-01 7.3	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol Ja-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	7440382 7440392 7440439 W 18540299 VII 7439965 NF 7439965 7439965 S183229 2407899 218019 33703 132649 206440 86737 193995 91203 85018 129000 11096825 1106445 111444 117817 86748 621647 87865 79055 75343 96184 107062 540590 67641 17432 124481 75003 74873	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 9.00E-03 1.00E-01 2.00E-03 1.00E-01	4E-01 6E-02 9E-03 3E-02 9E-04 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Denanthrene Penanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbev)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloromethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 775534 36184 107062 540590 67641 71432 124481 75003 74873 156592	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 3.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01	4E-01 6E-02 9E-03 4E-01 9E-03 4E-01 9E-03 9E-02 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 5.50E-02 8.40E-02 7.50E-03 1.30E-02 7.50E-03	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]niporanthene Benzo[a]niporanthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Andenoil [1,2,3-c,d]pyrene Andelor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloromethane Chloromethane Ethyllenzene Ethyllenzene Ethyllenzene Ethyllenzene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 71556 779005 75343 96184 107062 540590 67641 17432 124481 75003 74873 156592 75092 100414 127184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-01 2.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	4E-01 6E-02 9E-03 4E-01 9E-03 9E-05 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.00E+00 9.10E-02 7.00E-02 7.00E-02 7.00E-02 7.50E-02 8.40E-02 7.50E-02 7.50E-02 7.50E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzoftran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Tetrachloroethene Toluene Trichloroethene Tetrachloroethene Tetrachloroethene Toluene Trichloroethene	7440382 7440393 W 18540299 VI 7439965 NF 7439966 NF 83329 2605992 2070899 218019 53703 132649 266440 86737 193395 91203 85018 129000 11096825 110467 666202 534521 106445 1111444 117817 86748 621647 71556 79005 75343 96184 107062 545909 67641 71432 124481 175003 74873 156592 75092 100414 127184 108883 79016	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND 1.00E-04 6.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-02 3.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 3.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-02 1.00E-03 3.00E-02 2.80E-01 3.00E-02 4.00E-03 3.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-03 0.00E-04 0.00E-03 0.00E-04 0.00E-03 0.00E-04 0.00E-03 0.00E-02 0.00E-02 0.00E-02 0.00E-02 0.00E-01 0.00E-01	4E-01 6E-02 9E-03 4E-01 3E-04 4E-01 3E-03	1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E+00 9.10E-02 5.70E-02 2.00E+00 9.10E-02 7.50E-02 7.50E-02 5.70E-02 1.10E-02	
AOI 35	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]niporanthene Benzo[a]niporanthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Benzo[billoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Andenoil [1,2,3-c,d]pyrene Andelor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Chloromethane Chloromethane Ethyllenzene Ethyllenzene Ethyllenzene Ethyllenzene	7440382 744039 W 18540299 VI 743995 NF 7439976 7782492 7440224 91576 83329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 71556 779005 75343 96184 107062 540590 67641 17432 124481 75003 74873 156592 75092 100414 127184	9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND	1.28E-02	3.00E-04 7.00E-02 7.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 4.00E-02 2.00E-02 2.00E-03 1.00E-01 2.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	4E-01 6E-02 9E-03 4E-01 9E-03 9E-05 9E-04	1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.00E+00 9.10E-02 7.00E-02 7.00E-02 7.00E-02 7.50E-02 8.40E-02 7.50E-02 7.50E-02 7.50E-02	

AOI 36		CAS Number	Cgw (mg/L)	CTE HIFNC	cancer Risk Oral RfD	RiskNC	CTE HIFC	ancer Risk Oral SF	Ri
	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic		7.50E-03	1.28E-02	3.00E-04	3E-01	1.65E-03	1.50E+00	2E
	Barium		3.08E-01	1.28E-02	7.00E-02	6E-02	1.65E-03		
	Cadmium	7440439_W	1.90E-03	1.28E-02	5.00E-04	5E-02	1.65E-03		
	Chromium	18540299_VI	2.60E-02	1.28E-02	3.00E-03	1E-01	1.65E-03		
	Manganese	7439965_NF	1.21E-01	1.28E-02	2.00E-02	8E-02	1.65E-03		
	Mercury		6.20E-05	1.28E-02	3.00E-04	3E-03	1.65E-03		
	Selenium		6.00E-03	1.28E-02	5.00E-03	2E-02	1.65E-03		
	Silver	7440224		1.28E-02	5.00E-03	8E-03	1.65E-03		
	2-Methylnaphthalene	91576	ND	1.28E-02	2.00E-02		1.65E-03		
	Acenaphthene	83329	ND	1.28E-02	6.00E-02		1.65E-03	 	
	Benzo[a]anthracene	56553	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND ND	1.28E-02	2.00E-02 2.00E-02		1.65E-03	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.28E-02			1.65E-03	7.30E-01 7.30E-02	
	Benzo[k]fluoranthene	207089		1.28E-02	2.00E-02		1.65E-03		
	Chrysene Dibenzia blanthracene	218019	ND ND	1.28E-02	2.00E-02		1.65E-03	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND 	1.28E-02	2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran Fluoranthene	132649 206440	ND	1.28E-02 1.28E-02	4.00E-03 4.00E-02		1.65E-03 1.65E-03		
	Fluorene	86737	ND	1.28E-02 1.28E-02	4.00E-02 4.00E-02		1.65E-03		
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02 1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Naphthalene	91203	ND	1.28E-02	2.00E-02		1.65E-03	7.50L-01	
	Phenanthrene	85018	ND	1.28E-02	2.00E-02		1.65E-03		
	Pyrene		1.00E-04	1.28E-02	3.00E-02	4E-05	1.65E-03		
	Aroclor-1260	11096825		1.28E-02	2.00E-05		1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03	0.002 01	
	4-Methylphenol (p-Cresol)	106445	ND	1.28E-02	5.00E-03		1.65E-03		
	bis(2-Chloroethyl)ether	111444	ND	1.28E-02	J.00E 0J		1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate		1.44E-03	1.28E-02	2.00E-02	9E-04	1.65E-03	1.40E-02	31
	Carbazole	86748	ND	1.28E-02	02		1.65E-03	2.00E-02	,
	n-Nitrosodipropylamine	621647	ND	1.28E-02			1.65E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	1.28E-02	3.00E-02		1.65E-03	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	1.28E-02	2.80E-01		1.65E-03		
	1,1,2-Trichloroethane	79005	ND	1.28E-02	4.00E-03		1.65E-03	5.70E-02	
	1,1-Dichloroethane	75343		1.28E-02	1.00E-01	5E-04	1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.28E-02	3.00E-02		1.65E-03	9.10E-02	
	1,2-Dichloroethene		2.98E-03	1.28E-02	9.00E-03	4E-03	1.65E-03		
	Acetone	67641	ND	1.28E-02	1.00E-01		1.65E-03		
	Benzene	71432	ND	1.28E-02	3.00E-03		1.65E-03	5.50E-02	
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.28E-02			1.65E-03	1.30E-02	
	cis-1,2-Dichloroethene	156592	1.54E-03	1.28E-02	1.00E-02	2E-03	1.65E-03		
	Dichloromethane		1.15E-03	1.28E-02	6.00E-02	2E-04	1.65E-03	7.50E-03	11
	Ethylbenzene	100414	ND	1.28E-02	1.00E-01		1.65E-03		
	Tetrachloroethene	127184	ND	1.28E-02	1.00E-02		1.65E-03	5.20E-02	
	Toluene	108883	ND	1.28E-02	2.00E-01		1.65E-03		
	Trichloroethene	79016	ND	1.28E-02	3.00E-04		1.65E-03	1.10E-02	
	Vinyl Chloride	75014_A	3.84E-03	1.28E-02	3.00E-03	2E-02	1.65E-03	7.20E-01	5
	Xylenes (Total)	1330207	ND	1.28E-02	2.00E+00		1.65E-03		
					Total	7E-01		Total	-
AOI 37	Antimony	7440360	_	1 28F=02			1.65E-03		-
AOI 37	Antimony Arsenic	7440360 7440382		1.28E-02 1.28E-02	Total 4.00E-04 3.00E-04	/E-01	1.65E-03 1.65E-03	 1.50E+00	-
AOI 37					4.00E-04				-
AOI 37	Arsenic Barium Cadmium	7440382 7440393 7440439_W		1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04		1.65E-03 1.65E-03 1.65E-03	 1.50E+00	-
AOI 37	Arsenic Barium Cadmium Chromium	7440382 7440393 7440439_W 18540299_VI	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	-
AOI 37	Arsenic Barium Cadmium Chromium Manganese	7440382 7440393 7440439_W 18540299_VI 7439965_NF	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	-
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	~
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	-
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	-	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	-
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	 1.70E-01	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	_
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	 1.70E-01 1.91E-02	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 6.00E-02	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	-
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	 1.70E-01 1.91E-02 ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02	 1E-01	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01	_
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silivery Selenium Silivery 12-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	 1.70E-01 1.91E-02 ND ND	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	 1E-01 4E-03	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E+00	
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]lpyrene	7440382 7440393 7440439_W 1854029_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	 1.70E-01 1.91E-02 ND ND 2.00E-04	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-01 4E-03 1E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E+00 7.30E-01	2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene	7440382 7440339 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 2059992 207089	 1.70E-01 1.91E-02 ND ND 2.00E-04 2.00E-04	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-01 4E-03 1E-04 1E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E-02	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-01 4E-03 1E-04 1E-04 3E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	 1E-01 4E-03 1E-04 1E-04	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4,00E-04 3,00E-04 7,00E-02 5,00E-04 3,00E-03 3,00E-03 3,00E-03 5,00E-03 5,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 4,00E-02 4,00E-03	 1E-01 4E-03 1E-04 1E-04 3E-04 7E-02	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[li]thoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7440224 91576 83329 56553 50328 2070899 218019 53703 112649 206440		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]horanthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	7440382 744039_W 18540299_W1 7439965_NF 7439965 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 1933395		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E+01 7.30E+01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[a]horanthene Benzo[b]fluoranthene Chrysene Dibenz[a,n]anthracene Dibenz[a,n]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 744039_W 18540299_V1 743905_NF 7439976 7782492 7440224 91576 83329 86553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]nyrene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 3.00E-02	1E-01 4E-03 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]hurranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-00 7.30E-01 2.00E+00 2.40E-02	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Ibenzo[k]naphtracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 \$6553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]hlouranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 18540299_W1 7439965_NF 7439965 7782492 7440224 91576 83329 20598 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-05 5.00E-05 5.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 56553 50328 207989 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104647 606202 534521 1106445		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02		1,65E-03	1.50E+00	2 2 2
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotethyl)ether	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 207989 218019 53703 1326440 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 1106445		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 4.00E-02 2.00E-02 3.00E-02 4.00E-03 4.00E-03 4.00E-03 5.00E-03 1.00E-04 5.00E-04		1.65E-03 1.65E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]nyrene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Lobentineous (A,b)anthracene Lobentineous (A,b)anthracenees Lobent	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03		1.65E-03	1.50E+00	2 2 2 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]hjuoranthene Benzo[k]hjuoranthene Benzo[k]hjuoranthene Benzo[k]hjuoranthene Benzo[k]hjuoranthene Benzo[k]hjuoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 Aroclor-1260 A-Dipitro-o-cresol 4,6-Dipitro-o-cresol 4,6-Dipitro-o-cresol 4,6-Dipitro-o-cresol 5,6-Dipitro-o-cresol	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7782492 91576 83329 \$6553 \$50328 205992 207089 218019 \$3703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 \$534521 1104445 111444 117817		1.28E-02 1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03		1.65E-03 1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Jeluoranthene Pluoranthene Pluoranthene Phenanthrene Pyerne Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7782492 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-05 3.00E-02 1.00E-04 5.00E-03		1.65E-03 1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]pyrene Benzo[lifluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 33229 56553 503228 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104467 606202 534521 110444 117817 86748 621647 87865		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04		1,65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,n]anthracene Dibenzo[a,n]anthracene Dibenzo[a,n]anthracene Dibenzo[a,n]anthracene Dibenzo[a,n]anthracene Dibenzo[a,n]anthracene Dibenzo[a,n]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 207989 218019 53703 1326440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 86748 621647 87865 71556		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 3.00E-02 2.80E-01		1.65E-03	1.50E+00 7.30E-01 7.30E-01 7.30E-03 7.30E+00 7.30E-03 7.30E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 83329 56553 50328 207899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 1111444 117817 86748 621647 87865 71556		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Aroclor 1,2,3-c,d]pyrene Antolor 1,2,3-c,d]pyrene Aroclor 1,2,0-c,d]pyrene Aroclor 1,2,0-c,d]pyrene Aroclor 1,2,0-c,d]pyrene Aroclor 1,2,0-c,d]pyrene Aroclor 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1,1-Dichloroethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 7782492 91576 83329 \$6553 50328 205992 207089 218019 \$3703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1064467 111444 117817 86748 621647 87865 71556 79005		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-02		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Pluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolune 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotethy)]ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloropropane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7782492 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666020 534521 106445 117817 86748 621647 87865 71556 79005 75343		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[lifluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylheav]phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965 83329 56553 503228 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 106445 1111444 117817 86748 621647 87865 71556 71556 719005 75343		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-04 1.00E-03 1.00E-01		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439966 7782492 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1166467 606202 534521 110444 117817 86748 621647 87865 779005 75343 96184 107062 540590		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01 4.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641		1.28E-02	4,00E-04 3,00E-04 7,00E-02 5,00E-04 3,00E-03 5,00E-03 5,00E-03 5,00E-03 5,00E-03 5,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 1,00E-03 1,00E-04 5,00E-03 1,00E-04 5,00E-03 1,00E-04 1,00E-03 1,00E-04		1.65E-03	1.50E+00	2 2 5 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]n] Fluoranthene Piloranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 Aroclor-1260 Aroclor-1260 Aroclor-1260 Aroclor-1260 Fluoranthene 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 7782492 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 11442		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 1.00E-04 1.00E-02		1.65E-03	1.50E+00	2 2 2 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Jibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Actoloro-Cresol bis(2-Chloroethyl)ether bis(2-Ehloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965 7782492 201089 218019 53703 132649 206440 86737 133395 11203 85018 129000 11096825 106467 606020 534521 106445 1117817 87865 771556 779005 75343 96184 107062 540590 67641 71432 540590 67641 71432		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-04		1.65E-03	1.50E+00	2 2 2 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[lifluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Bichlehenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Benzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439966_NF 83329 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 110444 117817 86748 621647 87865 71556 71556 71505 75343 96184 107062 540590 67641 171432 124481		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 9.00E-02 9.00E-02 9.00E-02 1.00E-03 1.00E-01		1.65E-03	1.50E+00	2 2 2 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[lpiloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Benzo[biloranthene Bibenzo[an]anthracene Dibenzo[an]anthracene Dibenzo[a	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7782492 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 771556 779005 75343 96184 107062 540590 67641 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 77503 74873		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01		1.65E-03	1.50E+00	2 2 2 5
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Enzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethane Chloroethane (Ethyl chloride)	7440382 744039 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 83329 56553 50328 207899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77556 775343 96184 107062 540590 67641 71432 124481 75003 75873		1.28E-02	4,00E-04 3,00E-04 7,00E-02 5,00E-04 3,00E-03 5,00E-03 5,00E-03 5,00E-03 5,00E-03 5,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 2,00E-02 1,00E-03 1,00E-04 5,00E-03 1,00E-04 5,00E-03 1,00E-04 1,00E-03 1,00E-04 1,00E-01 1,00E-04		1.65E-03	1.50E+00	2 2 2 5 5 .
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]mbrene Benzo[a]mbrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]nanthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Dibitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Dichloromethane	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 18526_NF 18526_N		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01		1.65E-03	1.50E+00	2 2 2 5 5 .
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Fluoranthene Fluoranthene Fluorante Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloromethane (Ethyl chloride) Cisl-1,2-Dichloroethene Dichloromethane Ethylbenzene	7440382 744039_W 18540299_V1 743905_NF 7439976 7782492 7440224 91576 81329 56553 50328 207989 218019 53703 1326440 86737 133395 91203 85018 129000 11096825 1106445 616202 534521 117817 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 77592 100414		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-01		1.65E-03	1.50E+00	2 2 2 5 5 .
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhext)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440392 7440439 W 18540299 VII 7439965 NF 7439965 7440224 91576 83329 56553 503228 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 110444 117817 86748 621647 87865 71556 71556 71505 75343 96184 107002 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-01 3.00E-01 3.00E-01 3.00E-02 9.00E-03 1.00E-04		1.65E-03	1.50E+00	21 21 51 31 31
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]nipuranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[b]ran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Brighenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Etrylbenzene Etrylbenzene Etrylbenzene	7440382 744039_W 18540299_W1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-02 1.00E-02 1.00E-02 1.00E-02		1.65E-03	1.50E+00	21 21 51 31 31
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aptrene Benzo[a]aptrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhex)lphthalate Carbazole 1-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Cetone Benzene Chlorodibromomethane Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Tetrachloroethene Totucne Tetrachloroethene Totucne Trichloroethene	744032 744033 744039 W 18540299 VI 7439965 NF 7439976 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606020 534521 106445 1111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 545591 71432 124481 1775003 74873 156592 75002 100414 127184 108883 79016		1.28E-02	4,00E-04 3,00E-04 7,00E-02 5,00E-04 3,00E-03 5,00E-03 6,00E-02 1,00E-02 1,00E-02 1,00E-02 1,00E-03 1,00E-04 5,00E-03 1,00E-04 1,00E-03 1,00E-04 1,00E-03 1,00E-04 1,00E-01		1.65E-03	1.50E+00	21 21 31 31 31
AOI 37	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]nipuranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[b]ran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Brighenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Etrylbenzene Etrylbenzene Etrylbenzene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 185202 1		1.28E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-02 1.00E-02 1.00E-02 1.00E-02		1.65E-03	1.50E+00	21 21 51

AOI 38		CAS Number	Cgw (mg/L)	Nor CTE HIFNC	ncancer Risk Oral RfD		CTE HIFC	ancer Risk Oral SF	Risk
	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic		1.38E-02	1.28E-02	3.00E-04	6E-01	1.65E-03	1.50E+00	3E-0
	Barium		5.47E-01	1.28E-02	7.00E-02	1E-01	1.65E-03		
	Cadmium	7440439_W	1.34E-03	1.28E-02	5.00E-04	3E-02	1.65E-03		
	Chromium	18540299_VI	1.81E-02	1.28E-02	3.00E-03	8E-02	1.65E-03		
	Manganese	7439965_NF	1.13E+00	1.28E-02	2.00E-02	7E-01	1.65E-03		
	Mercury		5.40E-05	1.28E-02	3.00E-04	2E-03	1.65E-03		
	Selenium		8.64E-03	1.28E-02	5.00E-03	2E-02	1.65E-03		
	Silver		6.78E-03	1.28E-02	5.00E-03	2E-02	1.65E-03		
	2-Methylnaphthalene		6.50E-01	1.28E-02	2.00E-02	4E-01	1.65E-03		
	Acenaphthene		1.45E-02	1.28E-02	6.00E-02	3E-03	1.65E-03		
	Benzo[a]anthracene		1.20E-02	1.28E-02	2.00E-02	8E-03	1.65E-03	7.30E-01	1E-0
	Benzo[a]pyrene		6.20E-03	1.28E-02	2.00E-02	4E-03	1.65E-03	7.30E+00	7E-0
	Benzo[b]fluoranthene		1.00E-02	1.28E-02	2.00E-02	6E-03	1.65E-03	7.30E-01	1E-0
	Benzo[k]fluoranthene		4.80E-03	1.28E-02	2.00E-02	3E-03	1.65E-03	7.30E-02	6E-0
	Chrysene		1.36E-02	1.28E-02	2.00E-02	9E-03	1.65E-03	7.30E-03	2E-0
	Dibenz[a,h]anthracene		3.00E-04	1.28E-02	2.00E-02	2E-04	1.65E-03	7.30E+00	4E-0
	Dibenzofuran		6.68E-02	1.28E-02	4.00E-03	2E-01	1.65E-03		
	Fluoranthene		1.40E-02	1.28E-02	4.00E-02	4E-03	1.65E-03		
	Fluorene		1.80E-02	1.28E-02	4.00E-02	6E-03	1.65E-03	7.30E-01	
	Indeno[1,2,3-c,d]pyrene		2.00E-03	1.28E-02	2.00E-02	1E-03	1.65E-03		2E-0
	Naphthalene		7.72E-02	1.28E-02	2.00E-02	5E-02	1.65E-03		-
	Phenanthrene		4.77E-02	1.28E-02	2.00E-02	3E-02	1.65E-03		
	Pyrene		1.01E-02	1.28E-02	3.00E-02	4E-03	1.65E-03		
	Aroclor-1260	11096825	ND	1.28E-02	2.00E-05	 (E.02	1.65E-03	2.00E+00	
	1,4-Dichlorobenzene		1.38E-02	1.28E-02	3.00E-02	6E-03	1.65E-03	2.40E-02	5E-0
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	534521	ND ND	1.28E-02	1.00E-04 5.00E-03		1.65E-03		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445 111444	ND ND	1.28E-02 1.28E-02	5.00E-03		1.65E-03 1.65E-03	1.10E+00	
	bis(2-Chloroethy1)ether bis(2-Ethylhexyl)phthalate		3.81E-02	1.28E-02 1.28E-02	2.00E-02	2E-02	1.65E-03 1.65E-03	1.10E+00 1.40E-02	9E-0
	Carbazole		1.27E-02	1.28E-02 1.28E-02	2.00E-02	2E-02	1.65E-03	2.00E-02	9E-0 4E-0
	n-Nitrosodipropylamine	621647	ND	1.28E-02 1.28E-02			1.65E-03	7.00E+00	4E-0
	Pentachlorophenol (PCP)		3.00E-03	1.28E-02 1.28E-02	3.00E-02	1E-03	1.65E-03	1.20E-01	6E-0
	1,1,1-Trichloroethane		3.17E-01	1.28E-02 1.28E-02	2.80E-01	1E-03	1.65E-03	1.20E-01	0E-0
	1,1,2-Trichloroethane		3.07E-01	1.28E-02 1.28E-02	4.00E-03	1E-02 1E-02	1.65E-03	5.70E-02	3E-0
	1,1-Dichloroethane		1.30E-01	1.28E-02 1.28E-02	1.00E-03	2E-02	1.65E-03	J. 70E=02	J11=0
	1,2,3-Trichloropropane	96184	ND	1.28E-02 1.28E-02	6.00E-01	2E-02	1.65E-03	2.00E+00	
	1,2-Dichloroethane		1.00E-03	1.28E-02	3.00E-02	4E-04	1.65E-03	9.10E-02	2E-0
	1,2-Dichloroethene		4.37E-01	1.28E-02	9.00E-02	6E-01	1.65E-03	9.1015-02	215-0
	Acetone		6.59E-03	1.28E-02 1.28E-02	1.00E-01	8E-04	1.65E-03		
	Benzene		1.00E-02	1.28E-02	3.00E-03	4E-02	1.65E-03	5.50E-02	9E-0
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)		3.13E-02	1.28E-02	4.00E-01	1E-03	1.65E-03	2.90E-03	1E-0
	Chloromethane (Methyl chloride)	74873	ND	1.28E-02			1.65E-03	1.30E-02	
	cis-1,2-Dichloroethene		7.25E-01	1.28E-02	1.00E-02	9E-01	1.65E-03		
	Dichloromethane		2.43E-03	1.28E-02	6.00E-02	5E-04	1.65E-03	7.50E-03	3E-0
	Ethylbenzene		4.14E-02	1.28E-02	1.00E-01	5E-03	1.65E-03		
	Tetrachloroethene		3.40E-03	1.28E-02	1.00E-02	4E-03	1.65E-03	5.20E-02	3E-0
	Toluene		1.37E-02	1.28E-02	2.00E-01	9E-04	1.65E-03		
	Trichloroethene		3.63E-02	1.28E-02	3.00E-04		1.65E-03	1.10E-02	7E-0
	Vinyl Chloride	75014 A	6.95E-02	1.28E-02	3.00E-03	3E-01	1.65E-03	7.20E-01	8E-0
	Xylenes (Total)	1330207	5.61E-02	1.28E-02	2.00E+00 Total	4E-04 6E+00	1.65E-03	 Total	2E-0
. or oppos	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
AOI SPRR3									
AOI SPRR3	Arsenic	7440382		1.28E-02	3.00E-04		1.65E-03	1.50E+00	
AOI SPRR3	Barium	7440393		1.28E-02	7.00E-02		1.65E-03		
OI SPKR3	Barium Cadmium	7440393 7440439_W		1.28E-02 1.28E-02	7.00E-02 5.00E-04		1.65E-03 1.65E-03		-
OI SPKR3	Barium Cadmium Chromium	7440393 7440439_W 18540299_VI		1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03		1.65E-03 1.65E-03 1.65E-03	-	
AOI SPRR3	Barium Cadmium Chromium Manganese	7440393 7440439_W 18540299_VI 7439965_NF	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	
AOI SPRR3	Barium Cadmium Chromium Manganese Mercury	7440393 7440439_W 18540299_VI 7439965_NF 7439976	-	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	-	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	- - - - -	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	-
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	- - - - -	
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	-	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	-	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 	
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	 	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	 	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	-	
AOI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	-	1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	-	1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01	
AOI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00	
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accnaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoramthene	7440393 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-01	
OI SPRR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[k]fluoranthene	744039 7440439 W 1854029 VI 7439965 NF 743996 7782492 7440224 91576 83329 56553 50328 205992 207089		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E-01 7.30E-02	
OI SPRK3	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo(a)amhracene Benzo(a)amhracene Benzo(b)fluoranthene Benzo(b)fluoranthene Benzo(b)fluoranthene	7440393 7440439 W 7440439 W 7439965 NF 7439965 NF 743996 7782492 7440224 91576 83329 56553 50328 205992 207089 218019		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03	
OI SPRK3	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoramthene Benzo[b]fluoramthene Chrysene Chrysene Dibenz[a,h]amthracene	7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	 7.30E-01 7.30E-01 7.30E-02	
KOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lfluoranthene Benzo[b]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440393 7440439 W 7440439 W 7439965 NF 7439965 NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03	
AOI SPRR3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	7440393 T440393 W 18540299 VI 7439965 NF 743996 T782492 T440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
KOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]hilouranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenzofuranthene	7440393 T440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
KOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzontran Fluoranthene Fluorene Fluorene Indeno[1,2,3-c,d]pyrene	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 1933395		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-02 3.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
KOI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Acenaphthene Benzo[a]parthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440393 W 18540299 VI 7439965 NF 7439965 TR2492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E-01	
KOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440393 W 18540299 VI 7439965 NF 7439965 T 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018		1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	
KOI SPKK3	Barium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]pryene Benzo[b]fluoranthene Benzo[a]pryene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phyrene	7440393		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-01	
KOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440393 T440439 W 18540299 V1 7439965 NF 7439965 1782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	
OI SPRK3	Barium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[s]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzo[kriene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439266 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11906825 1106467		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-02 7.30E-01 	
OI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440393 T440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205989 218019 53703 132644 086737 193395 91203 85018 129000 11096825 106467 606202		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	
OI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]canthene Fluoranthene Fluoranthene Pluoranthene Pluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440393 W 18540299 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 5.00E-05		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-01 7.30E-03 7.30E-01 7.30E-01 7.30E-01	
OI SPRK3	Barium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluorantene Fluorene Fluorene Fluorene Naphthalene Phonanthrene Pyrene Arotlor-1260 1,4-Dichlorobenzene 2,6-Dinittrofoluene 4,6-Dinittro-o-cresol 4-Methylphenol (p-Cresol)	7440393 T440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205989 218019 53703 132644 086737 193395 91203 85018 129000 11096825 106467 606202		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03		1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 	
OI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracen	7440393 T440439 W 18540299 VI 7439965 NF 7439965 T782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11906825 106467 666202 534521 1166445	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-04		1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03 1.65E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-01 	
OI SPKR3	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lfluoranthene Benzo[b]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenzoftran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate	7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 01096825 106467 606202 534521 106444 1117817	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-05 5.00E-05		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-01 	
OI SPKR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibe	7440393 T440439 W 18540299 VI 7439965 NF 7439965 1782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11906825 106467 666202 534521 1166445		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03 6.00E-04		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	
(OI SPKR3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440393 M 1440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-04 5.00E-04		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]priene Benzo[a]priene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibienzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 1.00E-02 1.00E-03 1.00E-04 5.00E-03		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-01 	
OI SPKK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a, h]anthracene Dibenz[a, h]anthr	7440439 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 116444 117817 86748 621647 87865 71556	3.60E-01	1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	2E-01	1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylpexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	7440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11066825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	
(OI SPKR3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]an	7440393 T440393 W 18540299 VI 7439965 NF 7439965 197 7439965 197 743996 7382492 7440224 91576 83329 267089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 88786 71556 71556 779005		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-04 5.00E-04 5.00E-04 5.00E-04 1.00E-04 1.00E-01 1.00E-01		1.65E-03 1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
(OI SPKR3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]horanthene Chrysene Dibenz[a,h]anthracene Lincontent L	7440393 M 1440393 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 79005 75543 96184		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-04 5.00E-03 5.00E-04 5.00E-03 1.00E-04 1.00E-03		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lfluoranthene Benzo[b]lfluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylberty)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 NS 180199 NS 18019 NS 18019 NS 18019 NS 18019 NS 180199 NS 18019 NS		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	
IOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a,	7440393 T440439 W 18540299 VI 7439965 NF 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 1106825 106467 666020 534521 116444 117817 87668 71556 79005 75343 96184 107062 54559		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-01 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01 2.00E-00 1.20E-01	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Lacene	7440393 W 18540299 VI 7439965 NF 7439966 7782492 7440224 91576 83329 56553 56333 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 1064444 117817 86748 621647 87865 71556 71500 75343 96184 107062 540590 67641		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02	2E-01	1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	
OI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Pluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Accolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Jichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440393 T440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 77503 96184 107062 540590 67641 107432		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-04 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-02		1.65E-03	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E-00 1.40E-02 7.00E-00 1.20E-01 7.30E-01 1.10E-00 1.20E-01 7.30E-02 7.00E-00	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]horanthene Chrysene Dibenz[a, h]anthracene L[a,	7440393		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-03 4.00E-03 4.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 3.00E-03 1.00E-03 3.00E-03 1.00E-03 3.00E-03 1.00E-03 3.00E-03 1.00E-03 3.00E-03 1.00E-03 3.00E-03 1.00E-03		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.30E-01 5.70E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.5.50E-02 8.40E-02	
IOI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]lfluoranthene Benzo[b]lfluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-ocresol 4-Methylphenol (p-Cresol) bis(2-Ethylbery)lphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Ecthoroethane Ecthoroeth	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 NS 191576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 546590 67641 71432 124481		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 3.00E-01 3.00E-01		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	55E-C
IOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Di	744039		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.30E-01 5.70E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.5.50E-02 8.40E-02	5E-C-
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Benzo[k]horanthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 1,6-Dinitrotoluene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 1,1-Trichloroethylether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 56333 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106444 117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 4.00E-03 4.00E-04 5.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	5E-C
IOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Pluoranthene Fluoranthene Fluoranthene Pluoranthene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Dichloromethane Unchloromethane Dichloromethane	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 11432 124481 75003 74873 156592 75092 75092 75092		1.28E-02 1.28E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 1.00E-03 1.00E-01 6.00E-02 9.00E-03 1.00E-01 6.00E-02 4.00E-01		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	5E-C
OI SPRK3	Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]horanthene Dibenz[a, h]anthracene L;2-Dichloroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethy]ether bis(2-Elhoroethane 1,1,2-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane	7440393 7440439_W 18540299_VI 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86788 621647 87865 79005 75343 96184 107062 540590 67641 71432 2540590 67641 71432 124481 75003 74873 156592 75092		1.28E-02 1.28E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04 1.00E-04		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 3.50E-02 8.40E-02 2.90E-03 1.30E-02	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a]hanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Pluoranthene Pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Cactone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Cichloromethane Ethylbenzene Tetrachloroethene	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 NS 180199 SISSE 18019 SIS		1.28E-02 1.2	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-01 3.00E-01 3.00E-01 3.00E-02 9.00E-03 1.00E-01		1.65E-03	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07	
OI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a,	7440349 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748 621647 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184		1.28E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-03 1.00E-04 5.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03		1.65E-03	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-01	
OI SPRK3	Barium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]ifluoranthene Benzo[b]ifluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene Sity-Calchorothylether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Cadesone Benzene Chlorodibromomethane Chloroethane Chloroethene Chloroethene Tetrachloroethene Tetrachloroethene Toluene Trichloroethene	7440393 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 75092 150941 1188833 75092 100414 1127184 108883 79016		1.28E-02 1.2	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01		1.65E-03	7.30E-01 7.30E-07 7.50E-07 7.50E-07 7.50E-07	
IOI SPRK3	Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a,	7440439 W 18540299 VI 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 117817 11556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 100414 127184 108883 79016		1.28E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-03 1.00E-04 5.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03		1.65E-03	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-01	

		based of	I CIE ASS	sumptions					
AOI	Chemical	CAS Number	Cgw		ncancer Risk		C	ancer Risk	
			(mg/L)	CTE HIFNC	Oral RfD	RiskNC	CTE HIFC	Oral SF	Risk
AOI SPRR5	Antimony	7440360		1.28E-02	4.00E-04		1.65E-03		
	Arsenic		3.00E-03	1.28E-02	3.00E-04	1E-01	1.65E-03	1.50E+00	7E-0
	Barium		1.49E-01	1.28E-02	7.00E-02	3E-02	1.65E-03		
	Cadmium	7440439 W	7.70E-04	1.28E-02	5.00E-04	2E-02	1.65E-03		
	Chromium	18540299 VI	1.40E-03	1.28E-02	3.00E-03	6E-03	1.65E-03		
	Manganese	7439965 NF		1.28E-02	2.00E-02		1.65E-03		
	Mercury	7439976	ND	1.28E-02	3.00E-04		1.65E-03		
	Selenium		5.00E-03	1.28E-02	5.00E-03	1E-02	1.65E-03		
	Silver	7440224	ND	1.28E-02	5.00E-03		1.65E-03		
	2-Methylnaphthalene	91576	ND	1.28E-02	2.00E-02		1.65E-03		
	Acenaphthene	83329	ND	1.28E-02	6.00E-02		1.65E-03		
	Benzo[a]anthracene	56553	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.28E-02	2.00E-02		1.65E-03	7.30E+00	-
	Benzo[b]fluoranthene	205992	ND	1.28E-02	2.00E-02 2.00E-02		1.65E-03	7.30E-00	
	Benzo[k]fluoranthene	207089	ND	1.28E-02	2.00E-02 2.00E-02		1.65E-03	7.30E-01 7.30E-02	
	Chrysene	218019	ND	1.28E-02	2.00E-02 2.00E-02		1.65E-03	7.30E-02 7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	1.28E-02 1.28E-02	2.00E-02 2.00E-02		1.65E-03	7.30E+00	
	Dibenzofuran	132649		1.28E-02 1.28E-02			1.65E-03		
					4.00E-03				
	Fluoranthene	206440	ND	1.28E-02	4.00E-02		1.65E-03		
	Fluorene	86737	ND	1.28E-02	4.00E-02		1.65E-03	 7.20F.01	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.28E-02	2.00E-02		1.65E-03	7.30E-01	
	Naphthalene	91203	ND	1.28E-02	2.00E-02		1.65E-03		
	Phenanthrene	85018	ND	1.28E-02	2.00E-02		1.65E-03		
	Pyrene	129000	ND	1.28E-02	3.00E-02		1.65E-03		
	Aroclor-1260	11096825		1.28E-02	2.00E-05		1.65E-03	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	1.28E-02	3.00E-02		1.65E-03	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	1.28E-02	1.00E-03		1.65E-03	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	1.28E-02	1.00E-04		1.65E-03		
	4-Methylphenol (p-Cresol)	106445	ND	1.28E-02	5.00E-03		1.65E-03		
	bis(2-Chloroethyl)ether	111444	ND	1.28E-02			1.65E-03	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND	1.28E-02	2.00E-02		1.65E-03	1.40E-02	
	Carbazole	86748	ND	1.28E-02			1.65E-03	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	1.28E-02			1.65E-03	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	1.28E-02	3.00E-02		1.65E-03	1.20E-01	
	1,1,1-Trichloroethane	71556	4.00E-03	1.28E-02	2.80E-01	2E-04	1.65E-03		
	1,1,2-Trichloroethane	79005	ND	1.28E-02	4.00E-03		1.65E-03	5.70E-02	
	1,1-Dichloroethane	75343	8.61E-02	1.28E-02	1.00E-01	1E-02	1.65E-03		
	1,2,3-Trichloropropane	96184	ND	1.28E-02	6.00E-03		1.65E-03	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.28E-02	3.00E-02		1.65E-03	9.10E-02	
	1,2-Dichloroethene		6.09E-02	1.28E-02	9.00E-03	9E-02	1.65E-03		
	Acetone		6.00E-03	1.28E-02	1.00E-01	8E-04	1.65E-03		
	Benzene		6.05E-01	1.28E-02	3.00E-03	3E+00	1.65E-03	5.50E-02	5E-
	Chlorodibromomethane	124481	ND	1.28E-02	2.00E-02		1.65E-03	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.28E-02	4.00E-01		1.65E-03	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.28E-02			1.65E-03	1.30E-02	
	cis-1,2-Dichloroethene		3.03E-03	1.28E-02	1.00E-02	4E-03	1.65E-03	1.50102	
	Dichloromethane		2.96E-02	1.28E-02 1.28E-02	6.00E-02	6E-03	1.65E-03	7.50E-03	4E-
	Ethylbenzene		9.45E-01	1.28E-02 1.28E-02	1.00E-02	1E-01	1.65E-03	7.30E-03	4E-
	Tetrachloroethene		2.00E-03	1.28E-02 1.28E-02	1.00E-01 1.00E-02	3E-03		5.20E-02	2E-
							1.65E-03		
	Toluene		2.47E+00	1.28E-02	2.00E-01	2E-01	1.65E-03	1.100.02	
	Trichloroethene	79016	ND	1.28E-02	3.00E-04		1.65E-03	1.10E-02	
	Vinyl Chloride	75014_A	9.47E-02	1.28E-02	3.00E-03	4E-01	1.65E-03	7.20E-01	1E-
	Xylenes (Total)	1330207	7.90E+00	1.28E-02	2.00E+00	5E-02	1.65E-03		
					Total	4E+00		Total	2E-

AOI	Chemical	CAS Number	Cgw	sumptions No	ncancer Risk		C	ancer Risk	
			(mg/L)	RME HIFNO	Oral RfD	RiskNC	RME HIFC	Oral SF	Ri
AOI 1	Antimony	7440360		2.74E-02	4.00E-04		1.17E-02	 1.50E±00	
	Arsenic Barium	7440382 7440393		2.74E-02 2.74E-02	3.00E-04 7.00E-02		1.17E-02 1.17E-02	1.50E+00	
	Cadmium	7440439 W		2.74E=02 2.74E=02	5.00E-02		1.17E-02 1.17E-02		
	Chromium	18540299_VI		2.74E-02	3.00E-03		1.17E-02		
	Manganese	7439965_NF		2.74E-02	2.00E-02		1.17E-02		
	Mercury	7439976		2.74E-02	3.00E-04		1.17E-02		
	Selenium	7782492		2.74E-02	5.00E-03		1.17E-02		
	Silver	7440224	4.50E.02	2.74E-02	5.00E-03	 6E-03	1.17E-02		
	2-Methylnaphthalene Acenaphthene	83329	4.50E-03 ND	2.74E-02 2.74E-02	2.00E-02 6.00E-02	6E-03	1.17E-02 1.17E-02		
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	
	Chrysene	218019	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Dibenzofuran Fluoranthene	132649 206440	ND ND	2.74E-02 2.74E-02	4.00E-03 4.00E-02		1.17E-02 1.17E-02		
	Fluorene	86737	ND	2.74E-02	4.00E-02		1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene	91203	ND	2.74E-02	2.00E-02		1.17E-02		
	Phenanthrene	85018	ND	2.74E-02	2.00E-02		1.17E-02		
	Pyrene Argolog 1260	129000	ND 	2.74E-02	3.00E-02		1.17E-02	2.00E±00	
	Aroclor-1260 1,4-Dichlorobenzene	11096825 106467	ND	2.74E-02 2.74E-02	2.00E-05 3.00E-02		1.17E-02 1.17E-02	2.00E+00 2.40E-02	
	2,6-Dinitrotoluene	606202	ND	2.74E-02 2.74E-02	1.00E-02		1.17E-02 1.17E-02	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02			1.17E-02	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND ND	2.74E-02	2.00E-02		1.17E-02	1.40E-02	
	Carbazole n-Nitrosodipropylamine	86748 621647	ND ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	2.00E-02 7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	2.74E-02 2.74E-02	3.00E-02		1.17E-02 1.17E-02	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	2.74E-02 2.74E-02	2.80E-01		1.17E-02		
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	
	1,1-Dichloroethane	75343	ND	2.74E-02	1.00E-01		1.17E-02		
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND ND	2.74E-02 2.74E-02	3.00E-02 9.00E-03		1.17E-02 1.17E-02	9.10E-02	
	1,2-Dichloroethene Acetone	540590 67641	ND ND	2.74E-02 2.74E-02	9.00E-03 1.00E-01		1.17E-02 1.17E-02		
	Benzene	71432	ND	2.74E-02	3.00E-03		1.17E-02	5.50E-02	
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01		1.17E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	
	cis-1,2-Dichloroethene	156592	2.705.02	2.74E-02	1.00E-02	 2E 02	1.17E-02	7.50E.03	21
	Dichloromethane Ethylbenzene	100414	3.70E-03 ND	2.74E-02 2.74E-02	6.00E-02 1.00E-01	2E-03	1.17E-02 1.17E-02	7.50E-03	31
	Tetrachloroethene	127184	ND	2.74E-02 2.74E-02	1.00E-01		1.17E-02 1.17E-02	5.20E-02	
	Toluene	108883	ND	2.74E-02	2.00E-01		1.17E-02		
	Trichloroethene	79016	ND	2.74E-02	3.00E-04		1.17E-02	1.10E-02	
	Vinyl Chloride	75014_A	ND	2.74E-02	3.00E-03		1.17E-02	7.20E-01	
	Xylenes (Total)	1330207	ND	2.74E-02	2.00E+00 Total	 8E-03	1.17E-02	Total	31
AOI 12	Antimony	7440360		2.74E-02	4.00E-04		1.17E-02		
	Arsenic Barium	7440382 7440393	8.60E-03 4.01E-01	2.74E-02 2.74E-02	3.00E-04 7.00E-02	8E-01 2E-01	1.17E-02 1.17E-02	1.50E+00	21
	Cadmium	7440393 7440439 W	4.01E-01 4.70E-03	2.74E-02 2.74E-02	5.00E-02	3E-01	1.17E-02 1.17E-02		
	Chromium	18540299_VI	3.15E-03	2.74E=02 2.74E=02	3.00E-04 3.00E-03	3E-01	1.17E-02 1.17E-02		
	Manganese	7439965_NF		2.74E-02	2.00E-02		1.17E-02		
	Mercury	7439976		2.74E-02	3.00E-04	2E-03	1.17E-02		
	Selenium	7782492		2.74E-02	5.00E-03	1E-01	1.17E-02		
	Silver	7440224		2.74E-02	5.00E-03	1E-02	1.17E-02		
	2-Methylnaphthalene Acenaphthene	91576 83329	ND ND	2.74E-02 2.74E-02	2.00E-02 6.00E-02		1.17E-02 1.17E-02		
	Acenaphtnene Benzo[a]anthracene	56553	ND ND	2.74E-02 2.74E-02	2.00E-02		1.17E-02 1.17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02 2.74E-02	2.00E-02		1.17E-02 1.17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	
	Chrysene	218019	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Dibenzofuran Fluoranthene	132649	1.00E-04	2.74E-02 2.74E-02	4.00E-03 4.00E-02	7E-05	1.17E-02 1.17E-02		
	Fluorene	86737	ND	2.74E-02 2.74E-02	4.00E-02 4.00E-02	/E-03	1.17E-02 1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene	91203	ND	2.74E-02	2.00E-02		1.17E-02		
	Phenanthrene	85018	ND	2.74E-02	2.00E-02		1.17E-02		
	Pyrene	129000	1.00E-04	2.74E-02	3.00E-02	9E-05	1.17E-02	2.005+00	
	Aroclor-1260 1,4-Dichlorobenzene	11096825 106467	ND	2.74E-02 2.74E-02	2.00E-05 3.00E-02		1.17E-02 1.17E-02	2.00E+00 2.40E-02	
	1,7°DICHIOTODEHZEHE		ND ND	2.74E-02 2.74E-02	3.00E-02 1.00E-03		1.17E-02 1.17E-02	2.40E-02 6.80E-01	
	2.6-Dinitrotoluene	606202		2.74E-02 2.74E-02			1.17E-02 1.17E-02		
	2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	606202 534521	ND		1.00E=04				
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	606202 534521 106445	ND ND	2.74E-02 2.74E-02	1.00E-04 5.00E-03		1.17E-02		
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	534521 106445 111444	ND ND	2.74E-02 2.74E-02	5.00E-03		1.17E-02	1.10E+00	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	534521 106445 111444 117817	ND ND 5.90E-02	2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02	 8E-02	1.17E-02 1.17E-02	1.10E+00 1.40E-02	
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	534521 106445 111444 117817 86748	ND ND 5.90E-02 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02	 8E-02 	1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02	11
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	534521 106445 111444 117817 86748 621647	ND ND 5.90E-02 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02 	8E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00	11
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eirbylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	534521 106445 111444 117817 86748 621647 87865	ND ND 5.90E-02 ND ND ND 1.80E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02 3.00E-02	 8E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02	1H 3H
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	534521 106445 111444 117817 86748 621647 87865 71556	ND ND 5.90E-02 ND ND ND 1.80E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02 3.00E-02 2.80E-01	 8E-02 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	1I 3I 7I
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eirbylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	534521 106445 111444 117817 86748 621647 87865 71556	ND ND 5.90E-02 ND ND ND 1.80E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02 3.00E-02	2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	31
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	534521 106445 111444 117817 86748 621647 87865 71556 79005	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 2.00E-02 3.00E-02 2.80E-01 4.00E-03	 8E-02 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01	11 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2,3-Trichloropropane 1,2-Dichloroethane	534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	 8E-02 2E-03 7E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02	3I 7I
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Dichloropthane	534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	 8E-02 2E-03 7E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	31 71
	4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	 8E-02 2E-03 7E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	11 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2,3-Trichloropropane 1,2-Dichloroethane 1,2-Dichloroethene 4,2-Dichloroethene 6,2-Dichloroethene 8-Enzene	534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	 8E-02 2E-03 7E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02	11 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene United States of the	534521 106445 111444 117817 86748 621647 87865 79035 75343 96184 107062 540590 67641 71432 124481	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	8E-02 2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	11 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,C-Dichloroethane 1,C-	534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	 8E-02 2E-03 7E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+01 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03	111 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene United States of the	534521 106445 111444 117817 86748 621647 87865 79035 75343 96184 107062 540590 67641 71432 124481	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	8E-02 2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	11 31 71
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Acetone Benzene Chloroethane (Ethyl chloride)	534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873	ND ND 5.90E-02 ND ND 1.80E-03 ND 1.00E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 	E-02 2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+01 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03	111 317 719
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ehlylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Di-chloroethane 1,2-Di-chloroethane 1,2-Di-chloroethane 1,2-Di-chloroethane 1,2-Di-chloroethane 1,2-Di-chloroethane Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Di-chloromethane	534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 156592 75992 100414	ND N	2.74E-02 2.74E-02	5.00E-03 	8E-02 2E-03 7E-03	1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	1H 3H 7F
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Letone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloroemethane Ethylbenzene Ethylbenzene Tetrachloroethene	534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 136592 75092 100414 127184	ND ND S.90E-02 ND	2 74E-02 2 74E-02	5.00E-03 	8E-02 2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02	1H 3H 7H
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Ettylbenzene Tetrachloroethene Toluene	534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 104590 67641 71432 124481 75003 74873 156592 75092 100414 127184	ND N	2 74E-02 2 74E-02	5.00E-03	8E-02 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E+02 2.00E+02 7.00E+00 1.20E+01 	1H 3H 7H
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Letone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloroemethane Ethylbenzene Ethylbenzene Tetrachloroethene	534521 106445 111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 136592 75092 100414 127184	ND ND S.90E-02 ND	2 74E-02 2 74E-02	5.00E-03 	8E-02 2E-03 7E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02 7.50E-03	1H 3H 7H

	Chemical	CAS Number	Cgw		ncancer Risk			ancer Risk	
A OI 12	Audinor	#4400	(mg/L)	RME HIFNO		RiskNC	RME HIFC	Oral SF	Ris
AOI 13	Antimony Arsenic	7440360	6.40E-02	2.74E-02 2.74E-02	4.00E-04 3.00E-04	6E+00	1.17E-02 1.17E-02	1.50E+00	1E-
	Barium		1.60E+00	2.74E=02 2.74E=02	7.00E-02	6E-01	1.17E-02 1.17E-02	1.50E:00	112-
	Cadmium	7440439_W	6.70E-03	2.74E-02	5.00E-04	4E-01	1.17E-02		-
	Chromium	18540299_VI	2.30E-01	2.74E-02	3.00E-03	2E+00	1.17E-02		-
	Manganese	7439965_NF		2.74E-02	2.00E-02		1.17E-02		-
	Mercury	7439976	ND	2.74E-02	3.00E-04		1.17E-02		-
	Selenium Silver	7782492	ND 1 20E 02	2.74E-02 2.74E-02	5.00E-03	 7E-02	1.17E-02		
	2-Methylnaphthalene		1.20E-02 1.30E+00	2.74E-02 2.74E-02	5.00E-03 2.00E-02	2E+00	1.17E-02 1.17E-02		
	Acenaphthene			2.74E-02	6.00E-02	3E-03	1.17E-02	-	
	Benzo[a]anthracene		1.00E-04	2.74E-02	2.00E-02	1E-04	1.17E-02	7.30E-01	9E
	Benzo[a]pyrene	50328	1.00E-04	2.74E-02	2.00E-02	1E-04	1.17E-02	7.30E+00	9E
	Benzo[b]fluoranthene	205992	2.00E-04	2.74E-02	2.00E-02	3E-04	1.17E-02	7.30E-01	2E
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02	 1E.04	1.17E-02	7.30E-02	or.
	Chrysene Dibenz[a,h]anthracene	218019 53703	1.00E-04 ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02	1E-04	1.17E-02 1.17E-02	7.30E-03 7.30E+00	9E
	Dibenzofuran	132649	ND	2.74E-02	4.00E-03		1.17E-02	7.50E.00	
	Fluoranthene	206440		2.74E-02	4.00E-02	4E-03	1.17E-02		
	Fluorene	86737	9.15E-03	2.74E-02	4.00E-02	6E-03	1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene		7.63E-02	2.74E-02	2.00E-02	1E-01	1.17E-02		
	Phenanthrene Pyrene		4.32E-02 4.95E-03	2.74E-02 2.74E-02	2.00E-02 3.00E-02	6E-02 5E-03	1.17E-02 1.17E-02		
	Aroclor-1260	11096825	4.93103	2.74E-02 2.74E-02	2.00E-02	JE-03	1.17E-02 1.17E-02	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	2.74E-02	3.00E-02		1.17E-02	2.40E-02	
	2,6-Dinitrotoluene		7.40E-03	2.74E-02	1.00E-03	2E-01	1.17E-02	6.80E-01	6E
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND 5 10E 01	2.74E-02	2.005.02	 7E 01	1.17E-02	1.10E+00	or:
	bis(2-Ethylhexyl)phthalate	117817 86748	5.10E-01 1.00E-03	2.74E-02 2.74E-02	2.00E-02	7E-01	1.17E-02 1.17E-02	1.40E-02 2.00E-02	8E 2E
	Carbazole n-Nitrosodipropylamine	86/48 621647	1.00E-03 ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	7.00E+00	2E
	Pentachlorophenol (PCP)	87865	ND	2.74E-02 2.74E-02	3.00E-02		1.17E-02 1.17E-02	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01		1.17E-02		
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	
	1,1-Dichloroethane	75343	ND	2.74E-02	1.00E-01		1.17E-02		
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND ND	2.74E-02 2.74E-02	3.00E-02 9.00E-03		1.17E-02 1.17E-02	9.10E-02	
	Acetone	67641	2.00E-03	2.74E-02 2.74E-02	1.00E-03	5E-04	1.17E-02 1.17E-02		
	Benzene	71432	2.49E-02	2.74E-02	3.00E-03	2E-01	1.17E-02	5.50E-02	2E
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01		1.17E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	
	cis-1,2-Dichloroethene	156592		2.74E-02	1.00E-02		1.17E-02		
	Dichloromethane		4.84E-03	2.74E-02	6.00E-02	2E-03	1.17E-02	7.50E-03	4E
	Ethylbenzene Tatanahlanaathana		2.68E-02 1.90E-03	2.74E-02	1.00E-01	7E-03	1.17E-02	5.20E-02	1E
	Tetrachloroethene Toluene		2.60E-03	2.74E-02 2.74E-02	1.00E-02 2.00E-01	5E-03 4E-04	1.17E-02 1.17E-02	3.20E-02	IE.
	Trichloroethene	79016	ND	2.74E-02	3.00E-04		1.17E-02	1.10E-02	
	Vinyl Chloride	75014_A	ND	2.74E-02	3.00E-03		1.17E-02	7.20E-01	
		1330207	1.47E-02	2.74E-02		2E-04	1.17E-02		4.7
	Xylenes (Total)	1330207	1.172.02	2.74102	2.00E+00 Total	1E+01		Total	H
			1.172 02		Total	1E+01		Total	IE
AOI 18	Antimony	7440360		2.74E-02	Total 4.00E-04	1E+01	1.17E-02		
AOI 18	Antimony Arsenic	7440360 7440382	 3.80E-03	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04	1E+01 3E-01	1.17E-02	 1.50E+00	7E
AOI 18	Antimony Arsenic Barium	7440360 7440382 7440393	 3.80E-03 1.07E-01	2.74E-02 2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02	 3E-01 4E-02	1.17E-02 1.17E-02		7E
AOI 18	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	 3.80E-03 1.07E-01 1.80E-03	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04	 3E-01 4E-02 1E-01	1.17E-02 1.17E-02 1.17E-02	 1.50E+00 	7E
AOI 18	Antimony Arsenic Barium	7440360 7440382 7440393	 3.80E-03 1.07E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	 3E-01 4E-02	1.17E-02 1.17E-02	 1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	3.80E-03 1.07E-01 1.80E-03 1.50E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	3E-01 4E-02 1E-01 1E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	1E+01 3E-01 4E-02 1E-01 1E-02 3E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7782492 7440224 91576	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440393 7440439 W 18540299_VI 74399765_NF 7439976 7782492 7440224 91576 83329	3.80E-03 1.07E-01 1.80E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7782492 7440224 91576	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E+00 7.30E-01	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E-01 7.30E-02	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene	7440360 7440382 744039 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]lyoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03 7.30E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[h]anthracene Dibenzo[h]anthracene	7440360 7440382 744039 W 18540299 VI 7439965 NF 7439967 7782492 7440224 91576 83329 56553 50528 205992 207089 218019 53703	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]lyoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.80E-03 1.07E-01 1.80E-03 1.50E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03 7.30E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzo[h]anthracene Dibenzofuran Fluoranthene	7440360 7440382 744039 7440439 W 18540299 VI 7439965 NF 7439976 83329 56553 83329 207089 218019 53703 132649 206440	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-04 4.00E-03	3E-01 4E-02 1E-01 1E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E+00 7.30E+00 7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 744039 7440439 W 7439965 NF 7439965 NF 7439976 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 	1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-00 7.30E-01	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzofaran Fluoranthene Floranthene Floranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	7440360 7440382 7440393 W 18540299 VI 7439965 NF 7439965 NF 743926 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.80E-03 1.07E-01 1.80E-03 1.50E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 -	1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E-03 7.30E-03 7.30E-01 7.30E-01	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofaran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene	7440360 7440382 744039 W 744039 W 7439965 NF 7439965 NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2,74E-02 2,74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 -	1.17E-02 1.17E-02	1.50E+00 7.30E-01 7.30E-02 7.30E-00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	3.80E-03 1.07E-01 1.80E-03 5.20E-03 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02	3E-01 4E-02 1E-01 1E-02 -	1.17E-02	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 2.00E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Jeneium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 7440439 W 7439965 NF 7439965 NF 743976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02 2E-02 	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Arbeidoloranthene Phenanthrene Phenanthrene Pyrene Arbeidor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.80E-03 1.07E-01 1.80E-03 - ND 5.20E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2,74E-02 2,7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 -	1.17E-02	1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-00 2.00E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Jeneium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440393 7440439 W 7439965 NF 7439965 NF 743976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02 2E-02 	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz/a,h]anthracene	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 33329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5.20E-03 3.00E-03 ND	2,74E-02 2,7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00 7.30E-01 7.30E-0 7.30E-0 7.30E-0 7.30E-0	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylbether bis(2-Ethylbexyl)phthalate	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 666020 534521 106445	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.74E-02	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 3.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02 	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjanthracene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7482492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	3.80E-03 1.07E-01 1.80E-03 - ND 5.20E-03 3.00E-03 ND	2,74E-02 2,7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 4E-04	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silinum Silinum Selenium	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 33329 267089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106444 117817 86748	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]apyrene Benzo[a]pyrene Benzo[b]ffuoranthene Benzo[a]halnthracene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Fluorene Fluorene Arcolo-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440360 7440382 7440393 7440439 W 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 3.00E-02 1.00E-04 5.00E-03 2.00E-03	3E-01 4E-02 1E-01 1E-02 2E-02 	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phyrene Benzo[b]fluoranthene Ghrysene Dibenz[a,h]anthracene John John John John John John John John	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 206440 206440 206440 2117817 87865 111444 117817 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5.20E-03 3.00E-03 ND	2,74E-02 2,7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]horanthene Chrysene Dibenz[a,h]anthracene Jelorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 33329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5-0 ND 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]phoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorante Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1,1-Dichloroethane 1,1-Dichloroethane	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 267889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 779005	3.80E-03 1.07E-01 1.80E-03	2,74E-02 2,7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02 4E-04	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]horanthene Chrysene Dibenz[a,h]anthracene Jelorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 33329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5-0 ND 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03	3E-01 4E-02 1E-01 1E-02 4E-04 1E-02 1E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Siliver Selenium Selenzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrootuene 4,6-Dinitroo-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloropropane	7440360 7440382 7440393 7440393 18540299 VI 7439965_NF 7439976 782492 7440224 91576 83329 207989 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 71556	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Prene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439 W 7439965 NF 7439965 NF 743976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 116444 117817 86748 621647 87865 71556 719005 75343 96184	3.80E-03 1.07E-01 1.80E-03 1.07E-01 1.80E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol - (5-Dinitro-o-cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachloropthenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Joichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7439976 7439976 83329 26740224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 1452 487865 71556 79005 75343 96184 107062 540590 67641	3.80E-03 1.07E-01 1.80E-03 ND 5.20E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+01 3E-01 4E-02 1E-01 1E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorobethyl)ether bis(2-Elthylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7440360 7440382 7440393 7440393 7440393 7440399 7440399 7440329 7440249 7439965 782499 7440224 91576 83329 2607899 218019 53703 132649 266440 266420 26540590 1106467 666202 2534521 166445 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-04 5.00E-03 1.00E-01 4.00E-03	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroptopnene 1,2-Dichloroethane	7440360 7440382 7440393 7854029 VI 7439965 NF 7439965 NF 7439766 383329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 546590 67641 171432 124481	3.80E-03 1.07E-01 1.80E-03 1.07E-01 1.80E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7EE
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]phyrene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Johenzofuran Fluoranthene Photorothene Phenanthrene Pyerne Artoclor-1260 1,4-Dichlorothouene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11996825 106467 606020 534521 106445 1117817 87865 77503 111444 117817 87865 77503 75343 96184 107062 540590 67641 71432 124481 775003 74873	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-03 1.00E-01	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzola Janthracene Benzola Janthracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Dibenzofaran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) isi(2-Chloroethy) ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethoroethene Cectone Benzene Chloroethoroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride)	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 33329 265533 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106447 666202 534521 106445 111444 117817 86748 621647 87865 71556 71506 71534 107062 540590 67641 71432 124481 75003 74873 1566592	3.80E-03 1.07E-01 1.80E-03 1.50E-03 3.00E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03	1E+01	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] aphyrene Benzo(a] phyrene Benzo(a] phyrene Benzo(b] fluoranthene Benzo(b] fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phene Phenanthrene Phene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Methyl chloride) Chloromethane (Methyl chloride)	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 267989 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775343 96184 107062 540590 67641 71432 124481 775003 74873 156592 759092	3.80E-03 1.07E-01 1.80E-03 ND 5.20E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+01	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eltrylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethene Chloroethene Chloroethene Chloroethene Dichloroethene Dichloroethene Dichloroethene Dichloroethene Dichloromethane Ethylbenzene	7440360 7440382 7440393 7440393 7440399 VI 7439965_NF 7439976 783329 7440224 91576 83329 207999 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 1106445 616202 534521 106445 616202 534521 106445 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 5.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01	3E-01 4E-02 1E-01 1E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] aphyrene Benzo(a] phyrene Benzo(a] phyrene Benzo(b] fluoranthene Benzo(b] fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phene Phenanthrene Phene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Methyl chloride) Chloromethane (Methyl chloride)	7440360 7440382 7440393 W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 267989 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775343 96184 107062 540590 67641 71432 124481 775003 74873 156592 759092	3.80E-03 1.07E-01 1.80E-03 ND 5.20E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	1E+01	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]horanthene Benzo[a]hanthracene Dibenzofuran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440393 18540299 VI 7439965 NF 7439965 NF 7439965 NF 7439965 NF 7439963 3329 267089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 545590 67641 71432 124481 175003 74873 1565992 75092 100414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 1.50E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03	3E-01 4E-02 1E-01 1E-02 2E-02	1.17E-02	1.50E+00	7E
AOI 18	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Phenzofuran Fluoranthene Fluoranthene Phorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Ly-Dichloroethene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	7440360 7440382 7440393 7440393 854029 VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 206440 117817 87665 71556 79005 75343 96184 107062 54521 11444 117817 87665 79005 75343 96184 107062 54590 67641 71432 124481 75003 74873 156592 75092 100414	3.80E-03 1.07E-01 1.80E-03 1.50E-03 5.20E-03 3.00E-03 ND	2.74E-02 2.7	Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	3E-01 4E-02 1E-01 1E-02 3E-02 2E-02	1.17E-02	1.50E+00	7E

AOI	Chemical	CAS Number	Cgw	sumptions No	ncancer Risk			C	ancer Risk	
			(mg/L)	RME HIFNO	Oral RfD	RiskNC	RM	IE HIFC	Oral SF	R
AOI 19	Antimony	7440360		2.74E-02	4.00E-04			17E-02		
	Arsenic	7440382	ND	2.74E-02	3.00E-04			17E-02	1.50E+00	
	Barium Cadmium	7440393	4.56E-01 ND	2.74E-02	7.00E-02	2E-01		17E-02 17E-02		
	Chromium	7440439_W 18540299 VI	5.80E-04	2.74E-02 2.74E-02	5.00E-04 3.00E-03	5E-03		17E-02 17E-02	-	
	Manganese	7439965 NF	J.80E=04	2.74E=02 2.74E=02	2.00E-02	JL=03		17E-02		
	Mercury	7439976	ND	2.74E-02	3.00E-04			17E-02		
	Selenium		2.34E-02	2.74E-02	5.00E-03	1E-01		17E-02		
	Silver	7440224		2.74E-02	5.00E-03	1E-02		17E-02		
	2-Methylnaphthalene		2.00E-03	2.74E-02	2.00E-02	3E-03		17E-02		
	Acenaphthene Benzo[a]anthracene	83329 56553	8.00E-04 ND	2.74E-02 2.74E-02	6.00E-02 2.00E-02	4E-04		17E-02 17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02			17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02			17E-02	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02			17E-02	7.30E-02	
	Chrysene	218019	ND	2.74E-02	2.00E-02			17E-02	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	2.74E-02	2.00E-02			17E-02	7.30E+00	
	Dibenzofuran Fluoranthene	132649	 ND	2.74E-02 2.74E-02	4.00E-03 4.00E-02			17E-02 17E-02		
	Fluorene	206440 86737	1.00E-03	2.74E-02 2.74E-02	4.00E-02 4.00E-02	7E-04		17E-02 17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02			17E-02	7.30E-01	
	Naphthalene	91203	ND	2.74E-02	2.00E-02		1.1	17E-02		
	Phenanthrene		2.00E-04	2.74E-02	2.00E-02	3E-04		17E-02		
	Pyrene	129000	ND	2.74E-02	3.00E-02			17E-02	2.005:00	
	Aroclor-1260 1,4-Dichlorobenzene	11096825 106467	 ND	2.74E-02 2.74E-02	2.00E-05 3.00E-02			17E-02 17E-02	2.00E+00 2.40E-02	
	2,6-Dinitrotoluene	606202	ND	2.74E-02 2.74E-02	1.00E-02			17E-02 17E-02	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04			17E-02		
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03			17E-02		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02				17E-02	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	3.00E-04	2.74E-02	2.00E-02	4E-04		17E-02	1.40E-02	51
	Carbazole n-Nitrosodipropylamine	86748 621647	ND ND	2.74E-02 2.74E-02				17E-02 17E-02	2.00E-02 7.00E+00	
	Pentachlorophenol (PCP)	87865	ND ND	2.74E-02 2.74E-02	3.00E-02			17E-02 17E-02	1.20E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01			17E-02		
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03			17E-02	5.70E-02	
	1,1-Dichloroethane	75343	ND	2.74E-02	1.00E-01			17E-02		
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03			17E-02	2.00E+00	
	1,2-Dichloroethane 1,2-Dichloroethene	107062 540590	ND ND	2.74E-02 2.74E-02	3.00E-02 9.00E-03			17E-02 17E-02	9.10E-02	
	Acetone	67641	ND	2.74E-02 2.74E-02	1.00E-03			17E-02 17E-02		
	Benzene	71432	ND	2.74E-02 2.74E-02	3.00E-03			17E-02	5.50E-02	
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02			17E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01			17E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02	1.000.05			17E-02	1.30E-02	
	cis-1,2-Dichloroethene	156592	ND ND	2.74E-02 2.74E-02	1.00E-02 6.00E-02			17E-02 17E-02	7.50E.02	
	Dichloromethane Ethylbenzene	75092 100414	ND	2.74E-02 2.74E-02	1.00E-02			17E-02 17E-02	7.50E-03	
	Tetrachloroethene	127184	ND	2.74E-02	1.00E-02			17E-02	5.20E-02	
	Toluene	108883	ND	2.74E-02	2.00E-01			17E-02		
	Trichloroethene	79016	ND	2.74E-02	3.00E-04			17E-02	1.10E-02	
	Vinyl Chloride	75014_A	ND	2.74E-02	3.00E-03			17E-02	7.20E-01	
	Xylenes (Total)	1330207	ND	2.74E-02	2.00E+00 Total	3E-01	1.	17E-02	Total	5
AOI 20	Antimony	7440360		2.74E-02	4.00E-04			17E-02		
	Arsenic	7440382	1.46E-02	2.74E-02	3.00E-04	1E+00		17E-02	1.50E+00	3
			2.01E.01							
	Barium Cadmium	7440393		2.74E-02	7.00E-02	2E-01	1.1	17E-02 17E-02		
	Cadmium	7440393 7440439_W	3.90E-03	2.74E-02 2.74E-02	7.00E-02 5.00E-04		1.1	17E-02		
		7440393		2.74E-02	7.00E-02	2E-01 2E-01 2E-01	1.1 1.1			
	Cadmium Chromium Manganese Mercury	7440393 7440439_W 18540299_VI 7439965_NF 7439976	3.90E-03 2.03E-02 3.60E-05	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E-01 2E-01 2E-01 3E-03	1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	3.90E-03 2.03E-02 3.60E-05 4.00E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E-01 2E-01 2E-01 3E-03 2E-02	1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium Silver	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02	1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03	1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03	1.1 1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03	1.1 1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene	7440393 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	 7.30E-01 7.30E+00 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	744039 W 1854029 VI 7439965 NF 7439965 NF 743996 7782492 7440224 91576 83329 56553 50328 205992 207089	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02		
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	744039 W 7440439 W 1854029 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Genzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440393 7440439 W 7440439 W 7439965 NF 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02		
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440393	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440393 7440439 W 7440439 W 7439965 NF 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 9E-03 1E-03 	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz/[a,h]anthracene	7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	3.90E-03 2.03E-02 	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-02 3.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 4.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 1E-03	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 1E-03 2E-03	1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1 1.1.1	17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02 17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	3.90E-03 2.03E-02 	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-03 1E-03 2E-03 2E-03 2E-03	1.1.1 1.1.1	17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,n]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	3.90E-03 2.03E-02 3.60E-05 4.00E-03 2.40E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2,74E-02 2,74E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 1E-03 2E-03	1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11996825	3.90E-03 2.03E-02 	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 4.00E-02 3.00E-02 3.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 9E-03 1E-03 1E-03 2E-03 2E-03 2E-03	1.1 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	11
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Arocior-1260	7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439966 7782492 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	3.90E-03 2.03E-02 	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-03 1E-03 2E-03 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02 17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01	11
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dibichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 666202 534521	3.90E-03 2.03E-02 	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	2E-01 2E-01 2E-01 3E-03 2E-02 9E-03 1E-03 1E-03 2E-03 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02 17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 	11
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Genzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	7440393	3.90E-03 2.03E-02 - 3.60E-05 4.00E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND ND ND 1.30E-03 5.00E-05 - 4.00E-04 ND ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 2.00E-04 5.00E-04 5.00E-03 2.00E-02 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02	2E-01 2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02		11
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]huoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-1-Dichlorobenzene 2,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 666020 534521 1166445	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 3.00E-03 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 5.00E-04 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-03	2E-01 2E-01 3E-03 2E-02 1E-02 9E-03 1E-03 2E-03 2E-03 5E-05 4E-04	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]ngyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[tran Fluoranthene Fluoren Fluoranthene Fluorene Pluorene Pluorene Naphthalene Pluorene Naphthalene Pluorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 ND 1.50E-03 1.40E-03 5.00E-05 ND ND ND ND 1.40E-03	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-02 4.00E-03 4.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	2E-01 2E-01 3E-03 2E-02 1E-03 1E-03 2E-03 5E-05 4E-04 7E-02	1.1.1 1.1.1	17E-02	7.30E-01 7.30E-01 7.30E-00 7.30E-01 7.30E-01 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04	2E-01 2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03	1.1.1 1.1.1	17E-02		
	Cadmium Chronium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 265553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6606202 534521 106445 1117817 86748 621647	3.90E-03 2.03E-02 3.60E-03 4.40E-03 2.40E-03 0.50E-03 ND 1.50E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-04 5.00E-04	2E-01 2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03 3E-03 4E-04 4E-04 7E-02 7E-02	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND 1.50E-03 ND 1.30E-03 1.40E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04	2E-01 2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02		
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND ND L50E-03 ND 1.40E-03 4.40E-05 4.00E-04 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-01 2E-01 2E-01 2E-02 2E-02 1E-02 1E-02 1E-03 1E-03	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	17E-02		
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[l]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]fluoranthene Dibenzo[k]fluoranthene Dibenzo[k]fluoranthene Dibenzo[k]fluoranthene Dibenzo[k]fluoranthene Pluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol J-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-04 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-04 5.00E-03	2E-01 2E-02 2E-01 2E-03 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzoftran Fluoranthene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) isi(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,3-Trichloropenol	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 1096825 100467 606202 534521 106445 117817 86748 621647 87865 79005 75343 96184	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 ND ND ND ND ND ND ND ND ND 1.50E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.74E-02	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-01 2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-00 1.0E-00 1.10E-00 1.20E-01 1.20E-01 2.00E-02	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofkifluoranthene Dibenzofkifluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Hororene Hororene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Tirchloroethane	7440393	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND 1.50E-03 ND 1.40E-03 4.40E-04 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-04 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2-Dichloroethene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 666020 534521 106445 117817 86748 621647 87865 779005 75343 96184 107062 540590	3.90E-03 2.03E-02 3.60E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND ND ND 1.30E-03 1.40E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-03 6.00E-04 6.00E-03 6.00E-04 6.00E-03 6.0	2E-01 2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 2E-03 2E-03 2E-03 2E-03 2E-04 2E-04	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[tran Fluoranthene Dibenzo[tran Fluoranthene Fluorene Pibenzo[tran Fluoranthene Fluorene Pluorene Pluorene Apaththalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylpether bis(2-Ethylbexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptene	7440393 7440439_W 18540299_VI 7439956_NF 7439956 7782492 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 86748 621647 87865 71556 71500 75343 96184 107062 540590 67641	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 6.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 6.00E-03	2E-01 2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	81
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775033 96184 107062 540590 67641	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 3.00E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01	2E-01 2E-02 2E-01 2E-03 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02		81
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[tran Fluoranthene Dibenzo[tran Fluoranthene Fluorene Fluorene Pluorene Pluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylpether bis(2-Ethylbexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptopane 1,2-Dichloroptene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 265533 50328 2059992 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 86748 87865 71556 71505 75343 96184 107062 540590 67641	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 6.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 6.00E-03	2E-01 2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	81
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Ehylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11996825 106467 666020 534521 106445 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 775003 74873	3.90E-03 2.03E-02 3.60E-03 2.40E-03 6.58E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01	2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-07 7.3	81
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzo[tran Fluoranthene Fluorene Dibenzo[tran Fluoranthene Fluorene Pluorene Pluorene Naphthalene Pluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Cectone Benzene Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	7440393 7440439_W 18540299_VI 7439956_NF 7439976 7782492 7440224 91576 83329 265753 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 86748 621647 87865 71556 679005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	3.90E-03 2.03E-02 3.60E-03 2.40E-03 2.40E-03 6.58E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-03 2.00E-02 6.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-01 1.00E-03 3.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-03 3.00E-03 1.00E-01 3.00E-03 3.00E-02 4.00E-03	2E-01 2E-02 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E+00	41
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane (Leftyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride)	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 2059992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775034 96184 107062 540500 67641 71432 124481 77503 74873 156592 75092	3.90E-03 2.03E-02 - 3.60E-03 4.00E-03 2.40E-03 3.00E-03 3.00E-03 ND ND ND ND ND ND ND ND 1.50E-03 ND 1.40E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-04 5.00E-04 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-01 6.00E-03 3.00E-02 9.00E-03 1.00E-01 6.00E-03 2.00E-02 4.00E-01	2E-01 2E-02 2E-01 2E-03 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	175-02 176-02		41
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dimitrotoluene 2,6-Dimitrotoluene 1,6-Dimitro-o-cresol 4-Methylphenol (p-Cresol) isi(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 01096825 106467 666202 534521 106445 4117817 86748 621647 87865 779005 75343 96184 107062 540590 67641 771432 124481 75003 74873 156592 75092	3.90E-03 2.03E-02 3.60E-03 4.00E-03 2.40E-03 6.58E-03 ND ND ND ND ND ND ND 1.50E-03 5.00E-03 5.00E-05 4.00E-04 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01	2E-01 2E-02 2E-03 2E-03 2E-03 2E-03 2E-04 2E-03 2E-03 2E-04 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-07	41
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[a]phyrene Benzo[k]fluoranthene Chrysene Dibenz/Giran Fluoranthene Fluorene Dibenz/Giran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-oersol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Ethylbenzene Fetrachloroethene Ethylbenzene Ettylbenzene	7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 546590 67641 71432 124481 17487 155092 75092 100414	3.90E-03 2.03E-02 - 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND 1.50E-03 5.00E-05 - 4.00E-04 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 2.00E+00	41
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[l]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene 4,6-Dimitro-o-cresol 4,6-Dimitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibrommethane Chlorodibrommethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Tetrachloroethene Tetrachloroethene Toluene	7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 01096825 106467 666202 534521 106445 4117817 86748 621647 87865 779005 75343 96184 107062 540590 67641 771432 124481 75003 74873 156592 75092	3.90E-03 2.03E-02 - 3.60E-03 2.40E-03 2.40E-03 3.00E-03 3.00E-03 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-03 2.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 5.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-01	2E-01 2E-02 2E-03 2E-03 2E-03 2E-03 2E-04 2E-03 2E-03 2E-04 2E-03 2E-03	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	175-02 176-02	7.30E-01 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-07 7.30E-00 1.0E-00 1.0E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E-02 7.00E+00 1.20E-01 7.30E-02 7.00E-02 7.00E-02 7.00E-02 7.00E-03 7.30E-02	41
	Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Genzo[a]phyrene Benzo[k]fluoranthene Chrysene Dibenz/Giran Fluoranthene Fluorene Dibenz/Giran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-oersol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane (Methyl chloride) Chloromethane Ethylbenzene Fetrachloroethene Ethylbenzene Ettylbenzene	7440393 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 206440 1096825 1106467 606020 534521 106445 1117817 87668 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	3.90E-03 2.03E-02 - 3.60E-03 4.00E-03 2.40E-03 6.58E-03 3.00E-03 ND ND ND ND ND ND ND 1.50E-03 5.00E-05 - 4.00E-04 ND	2.74E-02 2.7	7.00E-02 5.00E-04 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 3.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-01 2E-01 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-02 2E-03 3E-03	1.11 1.11 1.11 1.11 1.11 1.11 1.11 1.1	17E-02	7.30E-01 7.30E-07	11 11 11 11 11 11 11 11 11 11 11 11 11

AOI 21	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]phrene Benzo[a]phrene Benzo[a]phrene Benzo[a]phrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Di	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205999 207089 218019 53703 1326440 86737 193395 91203 85018 129000 11096825 106467 606202	ND ND 5.00E-04	RME HIFNC 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	RiskNC 2E+00 9E-02 3E-01 3E-01 9E-03 4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	RME HIFC 1.17E-02	Oral SF 1.50E+00 7.30E+01 7.30E+01 7.30E-01 7.30E-02 7.30E-02	 2E-(
AOI 21	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]flooranthene Benzo[h]flooranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Arcolor-12-0 1,4-Dichlorobenzene 2,6-Dinitro-c-tresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.33E-01 5.30E-03 3.21E-02 9.90E-05 8.20E-03 3.10E-03 2.00E-04 ND ND ND 3.00E-04 ND ND ND 5.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	9E-00 9E-02 3E-01 3E-01 9E-03 4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02		 2E-(
	Barium Cadmium Cadmium Cadmium Cadmium Manganese Mercury Selenium Silver Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene Phorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylbether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205999 207089 218019 53703 1326440 86737 193395 91203 85018 129000 11096825 106467 606202	2.33E-01 5.30E-03 3.21E-02 9.90E-05 8.20E-03 3.10E-03 2.00E-04 ND ND ND 3.00E-04 ND ND ND 5.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	9E-02 3E-01 3E-01 9E-03 4E-02 2E-02 6E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02		 2E-(
	Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Arcolor-12-0 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	1854029 VII 7439965 NF 7439976 7782492 77440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.21E-02 9.90E-05 8.20E-03 3.10E-03 4.49E-03 3.10E-03 2.00E-04 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02	3E-01 9E-03 4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	 2E-0
	Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Pluoranthene Arcolor-12,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)bether bis(2-Ethylnexyl)phthalate Carbazole n-Nitrosodipropylamine	7439965 NF 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	9.90E-05 8.20E-03 3.10E-03 4.49E-03 3.10E-03 2.00E-04 ND ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	9E-03 4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02		2E-(
	Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]louranthene Benzo[b]louranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-tesol 4-Methylphenol (p-Cresol) bis(2-Chlorothylpher bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	9.90E-05 8.20E-03 3.10E-03 4.49E-03 3.10E-03 2.00E-04 ND ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	9E-03 4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03	2E-(
	Selenium Siliver 2-Methylnaphthalene Acenaphthene Benzo[a]nhracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Phenarthrene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylbether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7782492 77440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	8.20E-03 3.10E-03 4.49E-03 3.10E-03 2.00E-04 ND ND ND S.00E-04 ND ND S.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	4E-02 2E-02 6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03	2E-0
	2-Methylnaphthalene Acenaphthene Benzo[a] almtracene Benzo[a] plyrene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Chrysene Dibenz[a, h] anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d] pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	91576 83329 56553 50328 205992 207089 218019 33703 1326440 86737 193395 91203 85018 129000 11096825 106467 606202	4.49E-03 3.10E-03 2.00E-04 ND ND 3.00E-04 ND ND S.00E-04 ND ND 5.00E-04 3.52E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	6E-03 1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03	2E-
	Acenaphthene Benzo[a] janthracene Benzo[a] jyrene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[k] fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Fluoranthene Fluoranthene Fluoranthene Pluorane Indeno[1,2,3-c,d] pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolluene 4,6-Dinitrocresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylbether bis(2-Ethylhexyl)phthalate Carbazole - n-Nitrosodipropylamine	83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.10E-03 2.00E-04 ND ND ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	1E-03 3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03	2E-
	Benzo[a]anthracene Benzo[a]pyrene Benzo[b]puoranthene Benzo[b]luoranthene Benzo[b]luoranthene Benzo[b]luoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-tesol 4-Methylphenol (p-Cresol) bis(2-Ethylpheryl)phthalate Carbazole - n-Nitrosodipropylamine	56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.00E-04 ND ND ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	3E-04 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-03	2E-
	Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-tresol bis(2-Ethylphenol (p-Cresol) bis(2-Ethylphenol) pheho bis(2-Ethylphenol) phydalic bis(2-Ethylphenol) pheho bis(2-Ethylphenol) phydalic bis(2-Ethylphenol) phydali	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	 4E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03	
	Benzo[k]fluoranthene Chrysene Dibenzo,flandtracene Dibenzo,furan Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-tesol 4-Methylphenol (p-Cresol) bis(2-Chlorothylpherb bis(2-Ethylphexpl)phthalate Carbazole - n-Nitrosodipropylamine	207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND 3.00E-04 ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 4.00E-03	 4E-04	1.17E-02 1.17E-02	7.30E-02 7.30E-03	-
	Chrysene Dibenz(a,b]anthracene Dibenz(a,b]anthracene Dibenzofuran Fluoranthene Fluorane Indenol 1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotolucene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylpher bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	3.00E-04 ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 4.00E-03	4E-04	1.17E-02	7.30E-03	
	Dibenz/a,hanthracene Dibenzofuran Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitroluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylpherb bis(2-Ethylphexyl)phthalate Carbazole - Nitrosodipropylamine	53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	ND ND 5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02 2.74E-02	2.00E-02 4.00E-03				3E-
	Dibenzofuran Fluorantene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-tresol 4-Methylphenol (p-Cresol) bis(2-Chlorothylpher bis(2-Ethylpher)bylbher bis(2-Ethylpher)dibeneNitrosodipropylamine	132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	5.00E-04 3.52E-03 ND ND	2.74E-02 2.74E-02	4.00E-03		1.17E-02	7.30E+00	JE-
	Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorotehylpherb bis(2-Ethyylpherb)lpher bis(2-Ethyylpherb)lpher bis(2-Ethylpherylpherb)Nitrosodipropylamine	86737 193395 91203 85018 129000 11096825 106467 606202	3.52E-03 ND ND				1.17E-02		-
	Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Diehlorobenzene 2,6-Dinitrotolucne 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothylphehr bis(2-Ethylhecyl)phthalate Carbazole n-Nitrosodipropylamine	193395 91203 85018 129000 11096825 106467 606202	ND ND	2.74E-02	4.00E-02	3E-04	1.17E-02		-
	Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotlouene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ehloroethyl)geher bis(2-Ehlylbexyl)phthalate Carbazole n-Nitrosodipropylamine	91203 85018 129000 11096825 106467 606202	ND	2.74E-02 2.74E-02	4.00E-02 2.00E-02	2E-03	1.17E-02 1.17E-02	7.30E-01	-
	Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothylpherb) bis(2-Ethylpherb) bis(2-Ethylpherb) bis(2-Ethylpherb) bis(2-Binylpherb) bis(2-Binylpherb) bis(2-Binylpherb) bis(2-Binylpherb) bis(2-Binylpherb) bis(2-Binylpherb)	85018 129000 11096825 106467 606202		2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E-01	
	Ároclor-1260 1,4-Dichlorobenzene 2,6-Dinitrolucne 4,6-Dinitrocresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthyl)teher bis(2-Ehlylbexyl)phthalate CarbazoleNitrosodipropylamine	11096825 106467 606202		2.74E-02	2.00E-02	3E-03	1.17E-02		-
	1,4-Dichlorobenzene 2,6-Dinitro-0-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorocthylpether bis(2-Ethylphenol) Carbazole n-Nitrosodipropylamine	106467 606202		2.74E-02	3.00E-02	4E-03	1.17E-02		-
	2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	606202		2.74E-02	2.00E-05		1.17E-02	2.00E+00	-
	4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)phthalate Carbazole n-Nitrosodipropylamine		ND ND	2.74E-02 2.74E-02	3.00E-02 1.00E-03		1.17E-02 1.17E-02	2.40E-02 6.80E-01	-
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	534521		2.74E=02 2.74E=02	1.00E-03	1E+00	1.17E-02 1.17E-02	0.80E-01	-
	bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	106445	ND	2.74E-02	5.00E-03		1.17E-02		-
	Carbazole n-Nitrosodipropylamine	111444	ND	2.74E-02			1.17E-02	1.10E+00	-
	n-Nitrosodipropylamine	117817		2.74E-02 2.74E-02	2.00E-02	9E-02	1.17E-02 1.17E-02	1.40E-02 2.00E-02	1E-
		86748 621647	1.00E-03 ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	2.00E-02 7.00E+00	2E-
	Pentachlorophenol (PCP)		7.00E-04	2.74E-02	3.00E-02	6E-04	1.17E-02 1.17E-02	1.20E-01	1E
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01		1.17E-02		-
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	-
	1,1-Dichloroethane	75343 96184	ND ND	2.74E-02 2.74E-02	1.00E-01		1.17E-02 1.17E-02	2.00E+00	-
	1,2,3-Trichloropropane 1,2-Dichloroethane	107062	ND	2.74E-02 2.74E-02	6.00E-03 3.00E-02		1.17E-02 1.17E-02	9.10E-02	-
	1,2-Dichloroethene		1.16E-01	2.74E-02	9.00E-03	4E-01	1.17E-02		-
	Acetone	67641		2.74E-02	1.00E-01	7E-04	1.17E-02		-
	Benzene	71432		2.74E-02	3.00E-03	4E-02	1.17E-02	5.50E-02	3E
	Chlorodibromomethane Chloroethane (Ethyl chloride)	124481 75003	ND ND	2.74E-02 2.74E-02	2.00E-02 4.00E-01		1.17E-02 1.17E-02	8.40E-02 2.90E-03	-
	Chloromethane (Methyl chloride)	74873		2.74E-02 2.74E-02	4.0012-01		1.17E-02 1.17E-02	1.30E-02	6E-
	cis-1,2-Dichloroethene	156592	1.20E-01	2.74E-02	1.00E-02	3E-01	1.17E-02		
	Dichloromethane	75092	ND	2.74E-02	6.00E-02		1.17E-02	7.50E-03	-
	Ethylbenzene	100414		2.74E-02	1.00E-01	1E-04	1.17E-02	 5 20E 02	-
	Tetrachloroethene Toluene	127184	ND 3.42E-03	2.74E-02 2.74E-02	1.00E-02 2.00E-01	5E-04	1.17E-02 1.17E-02	5.20E-02	-
	Trichloroethene		5.48E-03	2.74E-02	3.00E-04	5E-01	1.17E-02	1.10E-02	7E-
	Vinyl Chloride	75014_A	5.09E-02	2.74E-02	3.00E-03	5E-01	1.17E-02	7.20E-01	4E
	Xylenes (Total)	1330207	1.00E-03	2.74E-02	2.00E+00 Total	1E-05 6E+00	1.17E-02	Total	8E-
AOI 22A	Antimony Arsenic	7440360 7440382	1.66E-02	2.74E-02 2.74E-02	4.00E-04 3.00E-04	2E+00	1.17E-02 1.17E-02	1.50E+00	3E
	Barium			2.74E-02	7.00E-02	2E-01	1.17E-02 1.17E-02	1.50E:00	31.
	Cadmium	7440439_W	5.12E-04	2.74E-02	5.00E-04	3E-02	1.17E-02		-
	Chromium	18540299_VI	3.10E-03	2.74E-02	3.00E-03	3E-02	1.17E-02		-
	Manganese Mercury	7439965_NF 7439976	1.02E+00 6.40E-04	2.74E-02 2.74E-02	2.00E-02 3.00E-04	1E+00 6E-02	1.17E-02 1.17E-02		-
	Mercury Selenium	7439976 7782492		2.74E-02 2.74E-02	5.00E-04 5.00E-03	6E-02 3E-02	1.17E-02 1.17E-02		
	Silver		3.20E-03	2.74E-02	5.00E-03	2E-02	1.17E-02		-
	2-Methylnaphthalene		1.48E-02	2.74E-02	2.00E-02	2E-02	1.17E-02		-
	Acenaphthene		4.93E-03	2.74E-02	6.00E-02	2E-03	1.17E-02		-
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02 1.17E-02	7.30E-01	-
	Benzo[a]pyrene Benzo[b]fluoranthene	50328 205992	ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E+00 7.30E-01	-
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	-
	Chrysene	218019	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-03	-
	Dibenz[a,h]anthracene	53703	ND	2.74E-02	2.00E-02	 CE 02	1.17E-02	7.30E+00	-
	Dibenzofuran Fluoranthene		9.40E-03 2.26E-03	2.74E-02 2.74E-02	4.00E-03 4.00E-02	6E-02 2E-03	1.17E-02 1.17E-02		-
	Fluorantnene	206440 86737		2.74E-02 2.74E-02	4.00E-02 4.00E-02	2E-03 5E-03	1.17E-02 1.17E-02		-
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	-
	Naphthalene		2.42E-03	2.74E-02	2.00E-02	3E-03	1.17E-02		-
	Phenanthrene		1.07E-02	2.74E-02	2.00E-02	1E-02	1.17E-02		-
	Pyrene Aroclor-1260	129000 11096825	3.46E-03 ND	2.74E-02 2.74E-02	3.00E-02 2.00E-05	3E-03	1.17E-02 1.17E-02	2.00E+00	-
	1,4-Dichlorobenzene	106467	ND	2.74E-02 2.74E-02	3.00E-02		1.17E-02 1.17E-02	2.40E-02	-
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		-
	4-Methylphenol (p-Cresol)		2.00E-03	2.74E-02	5.00E-03	1E-02	1.17E-02	 1.10E±00	-
	bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate	111444 117817	ND 9.00E-03	2.74E-02 2.74E-02	2.00E-02	1E-02	1.17E-02 1.17E-02	1.10E+00 1.40E-02	1E-
	Carbazole	86748	4.00E-03	2.74E-02 2.74E-02	2.0012-02		1.17E-02 1.17E-02	2.00E-02	9E-
	n-Nitrosodipropylamine	621647	ND	2.74E-02			1.17E-02	7.00E+00	-
	Pentachlorophenol (PCP)		3.00E-03	2.74E-02	3.00E-02	3E-03	1.17E-02	1.20E-01	4E
	1,1,1-Trichloroethane	71556		2.74E-02	2.80E-01	3E-02	1.17E-02	5 70E 02	25
	1,1,2-Trichloroethane 1,1-Dichloroethane		3.00E-03 2.00E+00	2.74E-02 2.74E-02	4.00E-03 1.00E-01	2E-02 5E-01	1.17E-02 1.17E-02	5.70E-02	2E-
	1,2,3-Trichloropropane		1.50E-02	2.74E-02 2.74E-02	6.00E-01	7E-02	1.17E-02 1.17E-02	2.00E+00	4E-
	1,2-Dichloroethane		2.00E-03	2.74E-02	3.00E-02	2E-03	1.17E-02 1.17E-02	9.10E-02	2E-
	1,2-Dichloroethene	540590	3.70E+00	2.74E-02	9.00E-03	1E+01	1.17E-02		-
	Acetone		1.30E-02	2.74E-02	1.00E-01	4E-03	1.17E-02	 5 50E 02	-
	Benzene Chlorodibromomathana		1.18E-02	2.74E-02	3.00E-03	1E-01	1.17E-02	5.50E-02	8E-
	Chlorodibromomethane Chloroethane (Ethyl chloride)	124481 75003	ND 1.70E-01	2.74E-02 2.74E-02	2.00E-02 4.00E-01	1E-02	1.17E-02 1.17E-02	8.40E-02 2.90E-03	6E-
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02 2.74E-02	4.00E-01	1E-02	1.17E-02 1.17E-02	1.30E-02	0E
	cis-1,2-Dichloroethene	156592	3.70E+00	2.74E-02	1.00E-02	1E+01	1.17E-02		-
	Dichloromethane	75092	1.50E-03	2.74E-02	6.00E-02	7E-04	1.17E-02	7.50E-03	1E-
	Ethylbenzene		1.03E-02	2.74E-02	1.00E-01	3E-03	1.17E-02		-
		127184		2.74E-02	1.00E-02	2E-03	1.175.02	5.20E-02	4E-
	Tetrachloroethene				2.000.01		1.17E-02		
	Tetrachloroethene Toluene		4.90E-03 4.00E-03	2.74E-02	2.00E-01 3.00E-04	7E-04	1.17E-02		-
	Tetrachloroethene		4.90E-03 4.00E-03 2.30E+00		2.00E-01 3.00E-04 3.00E-03				5E-

AOI	Chemical	CAS Number	Cgw		ncancer Risk	n		ancer Risk	
AOI 22D	Antimony	7440270	(mg/L)	RME HIFNO	Oral RfD 4.00E-04	RiskNC	RME HIFC 1.17E-02	Oral SF	Ris
AOI 22B	Antimony Arsenic	7440360 7440382	7.81E-03	2.74E-02 2.74E-02	4.00E-04 3.00E-04	7E-01	1.17E-02 1.17E-02	1.50E+00	IE-
	Barium		4.07E-01	2.74E-02	7.00E-02	2E-01	1.17E-02		-
	Cadmium	7440439_W	6.70E-04	2.74E-02	5.00E-04	4E-02	1.17E-02		-
	Chromium	18540299_VI	2.30E-02	2.74E-02	3.00E-03	2E-01	1.17E-02		-
	Manganese	7439965_NF		2.74E-02	2.00E-02		1.17E-02		-
	Mercury	7439976	ND	2.74E-02	3.00E-04	 2E 01	1.17E-02		-
	Selenium Silver	7/82492 7440224	3.38E-02 2.40E-03	2.74E-02 2.74E-02	5.00E-03 5.00E-03	2E-01 1E-02	1.17E-02 1.17E-02		
	2-Methylnaphthalene	91576	ND	2.74E-02	2.00E-02		1.17E-02		
	Acenaphthene	83329		2.74E-02	6.00E-02	1E-03	1.17E-02		
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene Chrysene	207089 218019	ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E-02 7.30E-03	-
	Dibenz[a,h]anthracene	53703	ND	2.74E-02 2.74E-02	2.00E-02		1.17E-02 1.17E-02	7.30E+00	
	Dibenzofuran	132649	ND	2.74E-02	4.00E-03		1.17E-02		
	Fluoranthene	206440		2.74E-02	4.00E-02	1E-04	1.17E-02		
	Fluorene	86737	1.00E-03	2.74E-02	4.00E-02	7E-04	1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene Phenanthrene	91203	ND 3.00E-04	2.74E-02 2.74E-02	2.00E-02 2.00E-02	 4E-04	1.17E-02 1.17E-02		
	Pyrene	129000	3.00E-04	2.74E-02 2.74E-02	3.00E-02	3E-04	1.17E-02 1.17E-02		
	Aroclor-1260	11096825	ND	2.74E-02	2.00E-05		1.17E-02	2.00E+00	
	1,4-Dichlorobenzene		4.40E-03	2.74E-02	3.00E-02	4E-03	1.17E-02	2.40E-02	1E
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		-
	4-Methylphenol (p-Cresol)	106445		2.74E-02	5.00E-03	2E-03	1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND 2.00E-03	2.74E-02 2.74E-02	2.00E-02	3E-03	1.17E-02 1.17E-02	1.10E+00 1.40E-02	3E
	bis(2-Ethylhexyl)phthalate Carbazole	117817 86748	2.00E-03 ND	2.74E-02 2.74E-02	2.00E-02	3E-03	1.17E-02 1.17E-02	1.40E-02 2.00E-02	3E
	n-Nitrosodipropylamine	621647	ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	7.00E+00	
	Pentachlorophenol (PCP)		2.00E-03	2.74E-02	3.00E-02	2E-03	1.17E-02	1.20E-01	3E
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01		1.17E-02		
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	-
	1,1-Dichloroethane	75343	ND	2.74E-02	1.00E-01		1.17E-02		
	1,2,3-Trichloropropane	96184	ND ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	-
	1,2-Dichloroethane 1.2-Dichloroethene	107062 540590		2.74E-02 2.74E-02	3.00E-02 9.00E-03	4E-01	1.17E-02 1.17E-02	9.10E-02	
	Acetone	67641		2.74E-02 2.74E-02	1.00E-01	3E-03	1.17E-02 1.17E-02		
	Benzene	71432	7.00E-04	2.74E-02	3.00E-03	6E-03	1.17E-02	5.50E-02	5E
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	٠.
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01		1.17E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	
	cis-1,2-Dichloroethene		3.00E-02	2.74E-02	1.00E-02	8E-02	1.17E-02		
	Dichloromethane	75092		2.74E-02	6.00E-02	1E-03	1.17E-02	7.50E-03	2E
	Ethylbenzene Tetrachloroethene	100414 127184	ND ND	2.74E-02 2.74E-02	1.00E-01 1.00E-02		1.17E-02 1.17E-02	5.20E-02	
	Toluene	108883	ND	2.74E-02 2.74E-02	2.00E-02		1.17E-02 1.17E-02	J.2012-02	
	Trichloroethene		3.24E-03	2.74E-02	3.00E-04	3E-01	1.17E-02	1.10E-02	4E
									3E
	Vinyl Chloride	75014_A	3.42E-01	2.74E-02	3.00E-03	3E+00	1.17E-02	7.20E-01	
	Vinyl Chloride Xylenes (Total)		3.42E-01 1.40E-03	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total	3E+00 2E-05 5E+00	1.17E-02 1.17E-02	7.20E-01 Total	
AOI 26					2.00E+00	2E-05			_
AOI 26	Xylenes (Total) Antimony Arsenic	7440360 7440382	1.40E-03 1.21E-02	2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04	2E-05 5E+00 1E+00	1.17E-02 1.17E-02 1.17E-02		3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium	7440360 7440382 7440393	1.40E-03 1.21E-02 2.68E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	2E-05 5E+00 1E+00 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	1.40E-03 1.21E-02 2.68E-01 4.10E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E-05 5E+00 1E+00 1E-01 2E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440360 7440382 7440392 7440439_W 18540299_V1 7439956_NF 7439976 7782492 7440224 91576	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 1E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 Total 1.50E+00 	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440392 7440439_W 18540299_V1 7439956_NF 7439976 7782492 7440224 91576	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 6.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	3E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] almthracene	7440360 7440382 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439967 7782492 7440224 91576 83329 56553	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 4.04E-03 4.61E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03 6E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01	3E 2E
AOI 26	Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	7440360 7440382 7440393 7440439 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50528	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03 6E-03 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene	7440360 7440382 7440382 744039 W 18540299 VI 7439955 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03 3E-03 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440393 7440439 VI 74399765_NF 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 1E-02 1E-02 4E-03 6E-03 2E-03 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440360 7440382 7440382 744039 W 18540299 VI 7439955 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03 3E-03 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01	3E 2E 4E 9E 2E 5E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440393 7440439 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 1E-02 1E-02 1E-02 4E-03 6E-03 2E-03 3E-03 9E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03	3E 2E 4E 9E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Genzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440382 744039 W 18540299 VII 7439965 NF 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	2E-05 5E+00 1E+00 1E-01 2E-01 2E-02 2E-01 1E-02 1E-02 4E-03 3E-03 3E-03 9E-03 9E-03 9E-03	1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 744039 W 18540299 VI 7439965 NF 77439976 7782492 7440224 440224 240225 256553 50328 205992 207089 218019 53703 132649 206440 86737	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 8.53E-03 4.51E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-04 4.00E-03 4.00E-03	2E-05 5E+00 1E-00 1E-01 2E-01 2E-02 	1.17E-02	7.30E+00 7.30E+01 7.30E+01 7.30E+01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	3E 2E 4E 9E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene	7440360 7440382 7440382 7440393 7440439_W 18540299_VII 7439965_NF 7439965 7440224 91576 83329 240224 91576 83329 255532 207089 218019 53703 132649 206440 86737	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 2.40E-03 8.04E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 9.15E-03 9.15E-03	2.74E-02 2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-04 4.00E-02 4.00E-02	ZE-05 5E+00 1E+00 1E-01 2E-01 2E-02 1E-02 1E-02 1E-02 4E-03 3E-03 3E-03 4E-02 3E-03 3E-0	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-02 7.30E-00 7.30E-01	3E 2E 4E 9E 2E 1E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene	7440360 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440229 56553 50328 205999 207089 218019 53703 132649 206440 86737 193395 91203	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 ND 6.25E-03 9.15E-03 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02	ZE-05 SE+00 IE+00 IE-01 ZE-01 ZE-01 IE-02 IE-02 IE-02 4E-03 3E-03 3E-03 4E-02 3E-03 3E-03 4E-02 3E-03 3E-03 4E-03 3E-0	1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01	3E 2E 4E 9E 5E 1E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] phyrene Benzo[a] phyrene Benzo[a] phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440392 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 265535 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 1.50E-03 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	ZE-05 5E+00 1E+00 1E-01 2E-01 2E-02 1E-02 1E-02 1E-03 3E	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-02 7.30E-00 7.30E-01	3E 2E 4E 9E 5E 1E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene	7440360 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440229 56553 50328 205999 207089 218019 53703 132649 206440 86737 193395 91203	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 9.15E-03 1.50E-03 1.50E-03 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02	ZE-05 SE+00 IE+00 IE-01 ZE-01 ZE-01 IE-02 IE-02 IE-02 4E-03 3E-03 3E-03 4E-02 3E-03 3E-03 4E-02 3E-03 3E-03 4E-03 3E-0	1.17E-02	Total 1.50E+00 7.30E+00 7.30E+00 7.30E-01 7.30E-02 7.30E-0 7.30E-01	3E 2E 4E 9E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phyrene	7440360 7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 56553 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 85018	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 8.04E-03 4.61E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 4.51E-03 4.51E-03 7.59E-03 1.50E-03 7.69E-03 1.37E-02	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	ZE-05 5E+00 1E+00 1E-01 2E-01 2E-02 1E-02 1E-02 1E-03 3E	1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphyrene Benzo[a]pyrene Benzo[b]fluoranthene Genzo[b]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440393 7440439 818540299 VII 7439965 NF 7439965 7782492 7440222 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1166467 666202	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 5.35E-03 4.51E-03 9.15E-03 1.50E-03 1.50E-03 1.37E-02 8.11E-03 ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E-05 SE+00 1E-00 1E-01 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 2E-03 9E-03 4E-03 3E-03 6E-03 2E-03 2E-03 7E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]	7440360 7440382 7440392 7440439 W 18540299 VI 7439965 NF 7782492 7440224 7440224 21576 83329 205798 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521		2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-03 3.00E-04 3.00E-05 3.00E-05 3.00E-03 3.00E-02	2E-05 SE+00 1E+00 1E-01 2E-02 1E-02 1E-02 1E-02 1E-02 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-02 3E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Diebnzo[aranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Fluoranthene Dibenzo[aran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	7440360 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 2407889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 8.15E-03 9.15E-03 1.50E-03 7.69E-03 1.37E-02 ND ND ND ND ND 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 1E-02 4E-03 8E-03	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]ipyrene Benzo[a]anthracene Benzo[a]ipyrene Benzo[a]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440360 7440382 7440439 7440439 7440439 745965, NF 7439965, NF 7439965 7782492 744022 744022 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666020 534521 1106445	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 ND 6.28E-03 ND 1.50E-03 ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03	2E-05 SE+00 1E+00 1E-01 1E-01 2E-02 2E-01 1E-02 4E-03 3E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzo[tranan Fluoranthene Dibenzo[tranan Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pluorene Aphthalene Pyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbery)lphthalate	7440360 7440382 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7440224 91576 83329 240224 91576 83329 2407899 218019 53703 132649 226440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 4.51E-03 9.15E-03 1.51E-03 9.15E-03 1.50E-03 ND ND ND 1.50E-03	2.74E-02 2.7	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 1E-02 4E-03 8E-03	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439976 7782492 91576 83329 240292 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 110444 117817 86748	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 1.50E-03 1.50E-03 1.5769E-03 1.769E-03 1.769E-03 ND 9.90E-02 ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E-05 SE+00 1E+00 1E-01 1E-01 2E-02 2E-01 1E-02 4E-03 3E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 6.80E-01 6.80E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjanthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Chrysene Dibenzofuran Fluoranthene Phienanthene Phenanthene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440360 7440382 7440382 7440399 8540299 VI 7439965 NF 7439976 7782492 7440224 491576 833229 207989 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748	1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 2.40E-03 2.40E-03 9.72E-03 8.04E-03 4.61E-03 ND 6.28E-03 ND 5.35E-03 4.51E-03 1.50E-03 1.37E-02 8.11E-03 ND ND ND ND 1.50E-03 ND 9.90E-02 ND ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 1E-02 2E-03 9E-03 9E-03 9E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 0.00E-01	3E 2E 4E 9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439976 7782492 91576 83329 240292 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 110444 117817 86748	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 1.50E-03 1.50E-03 1.5769E-03 1.769E-03 1.769E-03 ND 9.90E-02 ND	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E-05 SE+00 1E+00 1E-01 1E-02 2E-01 1E-02 1E-02 2E-03 3E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-02 6.80E-01 6.80E-01	3E 2E 4E 9E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]aphrene Benzo[a]aphrene Benzo[a]aphrene Benzo[b[fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[b[r]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pheryene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylbex)]phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440360 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 503228 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110467 606202 534521 106445 111144 117817 86748 661647	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 3.240E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 1.51E-03 1.51E-03 1.51E-03 1.50E-03 1.50E-03 1.37E-02 8.11E-03 ND ND 1.50E-03 ND 9.90E-02 ND ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 4E-03 3E-03 4E-02 2E-03 1E-02 2E-03 8E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 0.00E-01	3E 2E 4E 9E 5E 1E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1-Dichloroethane	7440360 7440382 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 7782492 91576 83329 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106447 111444 117817 86748 621647 87865 71556	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 1.50E-03 1.50E-03 1.37E-02 8.11E-03 ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 2E-03 9E-03 9E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 8.3	3E 2E 4E 9E 2E 5E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eltorethyl)ether	7440360 7440382 7440392 7440439 7440439 7440439 7440439 7440439 7440299 744024 7459965 745292 7440229 7440229 7440229 7440229 744022 744022 744022 18019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 4.00E-03 4.00E-03 3.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	2E-05 SE+00 1E-010 1E-011 2E-02	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenenthrene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,1-Tirichlorothane 1,1-Tirichlorothane 1,1-Tirichlorothane 1,1-Tirichlorothane 1,1-Tirichlorothane 1,1-Ti-Dichlorothane 1,2-Tirichlorothane 1,2-Tirichlorothane 1,2-Tirichlorothane 1,2-Tirichlorothane 1,2-Tirichlorothane 1,2-Tirichlorothane	7440360 7440382 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 7782492 91576 83329 56553 503228 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 106445 111144 117817 86748 661647 87865 71556 71556 71556 71556 71556 71556 71556	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.70E-03 3.240E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 ND 6.28E-03 1.51E-03 1.51E-03 1.51E-03 1.51E-03 1.50E-03 1.57E-03 1.57E-03 1.57E-03 1.7F-02 8.11E-03 ND	2.74E-02 2.7	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 4E-03 3E-03 4E-02 3E-03 1E-02 2E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 8.3	3E 2E 4E 9E 2E 5E 2E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]apyrene Benzo[a]apyrene Benzo[a]aphtene Benzo[blioranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroptopane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7440360 7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 2607089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 87665 779005 75343 96184 107062 540590	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 ND 6.28E-03 ND 6.28E-03 ND 6.28E-03 ND 6.28E-03 ND 6.28E-03 ND 7.69E-03 1.50E-03 1.50E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 6.00E-03 3.00E-02	2E-05 SE+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-01 8.0E-02 8.0E-02 1.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02 7.40E-02	3E 2E 4E 9E 2E 5E 2E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] anthracene Benzo[a] anthracene Benzo[a] pyrene Benzo[b] fluoranthene Benzo[b] fluoranthene Benzo[a] pyrene Benzo[b] fluoranthene Dibenzo[turan Fluoranthene Dibenzo[turan Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloroethene	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 2.40E-03 2.40E-03 3.0E-03 1.0E-03 1.0E-03 3.0D 6.28E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 7.69E-03 1.50E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-05 SE+00 1E-010 1E-011 2E-02 2E-01 1E-02 1E-02 1E-02 1E-02 1E-02 1E-02 2E-03 3E-03 3E-03 8E-03	1.17E-02	Total 1.50E+00	3E 2E 4E 9E 2E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphtene Benzo[a]aphtene Benzo[a]aphtene Benzo[a]aphtene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 A-Dinitro-o-cresol Ji-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 7782492 91576 83329 256553 50328 205992 207089 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 661647 87865 79005 753433 96184 107062 540590 67641 107402	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND 6.28E-03 7.69E-03 1.37E-02 8.11E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02	2E-05 SE+00 1E-01 1E-02 1E-03 1E-02 1E-03 1E-02 1E-03 1E-04 1E-04 1E-05 1E-05 1E-06	1.17E-02	7.30E-01 7.3	2E 4E 9E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]aptrene Benzo[a]aptrene Benzo[a]aptrene Benzo[a]aptrene Benzo[biloranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eltrylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 2.40E-03 2.40E-03 3.0E-03 1.0E-03 1.0E-03 3.0D 6.28E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 4.51E-03 7.69E-03 1.50E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	2E-05 SE+00 1E-010 1E-011 2E-02 2E-01 1E-02 1E-02 1E-02 1E-02 1E-02 1E-02 2E-03 3E-03 3E-03 8E-03	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphtene Benzo[a]aphtene Benzo[a]aphtene Benzo[a]aphtene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 A-Dinitro-o-cresol Ji-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440392 7440392 7440392 7440299 VII 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 71556 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 2.30E-03 ND 6.28E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03	2E-05 SE+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-02 1.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 1.20E-01 5.70E-02 2.00E+00 1.20E-01 5.50E-02 8.40E-02	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenendrene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,1-Tirichlorothane 1,2-Dichlorophenol (PCP) 1,1,1-Trichlorothane 1,2-Dichloroethane	7440360 7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 86737 193395 91203 85018 129000 11096825 106467 666202 534521 110444 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 1.51E-03 1.51E-03 1.50E-03 1.50E-03 1.50E-03 1.769E-03 1.176-02 1.176-03 ND	2.74E-02 2.7	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03	2E-05 SE+00 1E-00 1E-01 2E-02 2E-01 1E-02 1E-02 1E-02 4E-03 3E-03 4E-02 3E-03 1E-02 2E-03 1E-02	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 1,4-Tirichlorotene 4,5-Dinitro-o-cresol	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7782492 2440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 116444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 74873 156592	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 1.10E-03 1.10E-03 1.10E-03 1.10E-03 1.50E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-01 4.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01	2E-05 SE+00 1E+00 IE-01 IE-01 IE-02 IE-01 IE	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-01 0.0E-02	2E 4E 9E 2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]aphrene Benzo[a]aphrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Cislororoethene Dichloromethane Ethylbenzene	7440360 7440382 7440382 7440389 W 18540299 VII 7439965 NF 7439965 7782492 4 91576 83329 207089 218019 53703 132649 206440 86737 193395 1106445 1117817 87865 71556 79005 75343 96184 107062 54559 1076467 76431 71432 124481 75003 74873 156592 75092	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 ND 6.28E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.80E-01 6.00E-02 2.80E-01 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E-05 SE+00	1.17E-02	7.30E-01	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]apyrene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a]apyrene Ancolor-1260 1,4-Dichloroten 1,4-Dichlorotenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,1-Dichlorotehnel (PCP) 1,1,1-Trichlorotehane 1,1-Dichlorotehane 1,2-Dichlorotehane	7440360 7440382 7440382 7440382 7440383 7440439_W 18540299_V1 7439965_NF 7439965 7782492 2017889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 110444 117817 86748 661647 87865 71556 719005 75343 96184 107062 540590 67644 171412 124481 1775003 74873 75003 74873 75002 75092 100414	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 9.72E-03 8.04E-03 1.10E-03 ND 6.28E-03 ND 6.28E-03 1.51E-03 1.51E-03 1.50E-03 1.50E-03 1.50E-03 ND ND 1.50E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E-05 SE+00 1E-010 1E-011 2E-02 2E-011 1E-02 1E-02 1E-02 4E-03 3E-03 1E-02 2E-03 1E-01 1E	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Tetrachloroethene Dichloroethene Dichloroethene Ethylbenzene Tetrachloroethene Toluene	7440360 7440382 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439965 7782492 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 117817 86748 621647 87865 77503 621647 87865 77503 621647 87865 775343 96184 107062 540590 67641 17432 124481 75003 74873 156592 75092 100414 127184	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-05 SE+00	1.17E-02	7.30E-01 7.30E-02	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]huoranthene Benzo[a]huoranthene Dibenzoftran Fluoranthene Dibenzoftran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-crsol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) ciss-1,2-Dichloroethene Chloroethane (Ethyl chloride) Eithylbenzene Tetrachloroethene Totulene Trichloroethene	7440360 7440382 7440382 7440383 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 266440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 116444 117817 86748 621647 117817 86748 621647 117817 875343 96184 107062 545590 75343 96184 107062 545590 75343 76184 107062 545590 75343 76184 107062 545590 75343 76184 107062 545590 75003 74873 75003 74873 156592 75003	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 2.40E-03 3.40E-03 3.40E-03 1.10E-03 1.10E-03 3.53E-03 ND 6.28E-03 4.51E-03 9.15E-03 1.50E-03 1.50E-03 ND ND 1.50E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-01 3.00E-02 2.00E-02 1.00E-03 1.00E-01 3.00E-02 1.00E-01 3.00E-02 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-05 SE+00 1E-010 1E-011 2E-02	1.17E-02	Total 1.50E+00	2E
AOI 26	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Tetrachloroethene Dichloroethene Dichloroethene Ethylbenzene Tetrachloroethene Toluene	7440360 7440382 7440382 7440382 7440382 7440399 W 18540299 W1 7439965 NF 7439965 NF 7439965 7782492 2017889 218019 53703 132649 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106447 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 100414 71587	1.40E-03 1.21E-02 2.68E-01 4.10E-03 2.70E-03 1.90E-03 9.72E-03 8.04E-03 1.10E-03 1.10E-03 1.50E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E-05 SE+00	1.17E-02	7.30E-01 7.30E-02	2E

	Chemical	CAS Number	Cgw		ncancer Risk			ancer Risk	
AOI 27	Antimony	7440270	(mg/L)	2.74E-02	4.00E-04	RiskNC	RME HIFC 1.17E-02	Oral SF	Ris
AOI 27	Antimony Arsenic	7440360 7440382	6.08E-03	2.74E-02 2.74E-02	4.00E-04 3.00E-04	6E-01	1.17E-02 1.17E-02	1.50E+00	1E-
	Barium		3.22E-01	2.74E-02	7.00E-02	1E-01	1.17E-02		-
	Cadmium	7440439_W	3.27E-03	2.74E-02	5.00E-04	2E-01	1.17E-02		-
	Chromium	18540299_VI	9.00E-02	2.74E-02	3.00E-03	8E-01	1.17E-02		-
	Manganese	7439965_NF		2.74E-02	2.00E-02		1.17E-02		-
	Mercury	7439976	ND	2.74E-02	3.00E-04	 IE 01	1.17E-02		-
	Selenium Silver	7/82492 7440224	1.79E-02 6.90E-03	2.74E-02 2.74E-02	5.00E-03 5.00E-03	1E-01 4E-02	1.17E-02 1.17E-02		-
	2-Methylnaphthalene	91576	ND	2.74E-02	2.00E-02		1.17E-02		
	Acenaphthene	83329	ND	2.74E-02	6.00E-02		1.17E-02		
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	-
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene Chrysene	207089 218019	ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E-02 7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	2.74E-02 2.74E-02	2.00E-02		1.17E-02 1.17E-02	7.30E+00	
	Dibenzofuran	132649	ND	2.74E-02	4.00E-03		1.17E-02		
	Fluoranthene	206440	ND	2.74E-02	4.00E-02		1.17E-02		-
	Fluorene	86737	3.00E-04	2.74E-02	4.00E-02	2E-04	1.17E-02		-
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02	 2E-04	1.17E-02	7.30E-01	-
	Naphthalene Phenanthrene	91203 85018	2.00E-04 ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02	3E-04	1.17E-02 1.17E-02		
	Pyrene	129000	ND	2.74E-02 2.74E-02	3.00E-02		1.17E-02	-	
	Aroclor-1260	11096825		2.74E-02	2.00E-05		1.17E-02	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	2.74E-02	3.00E-02		1.17E-02	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		
	4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	106445	ND	2.74E-02	5.00E-03		1.17E-02	1.10E+00	1E
	bis(2-Ethylhexyl)phthalate	117817	1.00E-03 9.00E-03	2.74E-02 2.74E-02	2.00E-02	1E-02	1.17E-02 1.17E-02	1.10E+00 1.40E-02	1E
	Carbazole	86748	9.00E=03 ND	2.74E-02 2.74E-02	2.0015-02		1.17E-02 1.17E-02	2.00E-02	112
	n-Nitrosodipropylamine	621647	ND	2.74E-02			1.17E-02	7.00E+00	-
	Pentachlorophenol (PCP)		3.00E-03	2.74E-02	3.00E-02	3E-03	1.17E-02	1.20E-01	4E
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01		1.17E-02		-
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	-
	1,1-Dichloroethane 1,2,3-Trichloropropane	75343 96184	ND ND	2.74E-02 2.74E-02	1.00E-01 6.00E-03		1.17E-02 1.17E-02	2.00E+00	-
	1,2-Dichloroethane	107062	ND	2.74E-02 2.74E-02	3.00E-02		1.17E-02 1.17E-02	9.10E-02	-
	1.2-Dichloroethene		2.86E-03	2.74E-02	9.00E-03	9E-03	1.17E-02		
	Acetone	67641	1.10E-02	2.74E-02	1.00E-01	3E-03	1.17E-02		
	Benzene	71432	8.00E-04	2.74E-02	3.00E-03	7E-03	1.17E-02	5.50E-02	5E
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01		1.17E-02	2.90E-03	-
	Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	74873	ND 3.00E-03	2.74E-02 2.74E-02	1.00E-02	8E-03	1.17E-02 1.17E-02	1.30E-02	-
	Dichloromethane	75092	1.50E-03	2.74E-02 2.74E-02	6.00E-02	7E-04	1.17E-02 1.17E-02	7.50E-03	1E-
	Ethylbenzene	100414	ND	2.74E-02	1.00E-01		1.17E-02	7.5012-05	112
	Tetrachloroethene	127184	ND	2.74E-02	1.00E-02		1.17E-02	5.20E-02	-
	Toluene	108883	ND	2.74E-02	2.00E-01		1.17E-02		-
	Trichloroethene		3.10E-03	2.74E-02	3.00E-04	3E-01	1.17E-02	1.10E-02	4E
	Vinyl Chloride Xylenes (Total)	75014_A 1330207	ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00		1.17E-02 1.17E-02	7.20E-01	
					Total	2E+00		Total	1E
AOI 30	Antimony	7440360 7440382	 1.91E-02	2.74E-02 2.74E-02	4.00E-04		1.17E-02	1.500:00	2F
AOI 30	Arsenic	7440382	1.91E-02	2.74E-02	4.00E-04 3.00E-04	2E+00	1.17E-02	 1.50E+00	
AOI 30		7440382 7440393	1.91E-02 7.65E-01	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02		1.17E-02 1.17E-02		-
AOI 30	Arsenic Barium	7440382	1.91E-02	2.74E-02	4.00E-04 3.00E-04	2E+00 3E-01	1.17E-02		
AOI 30	Arsenic Barium Cadmium	7440382 7440393 7440439_W 18540299_VI 7439965_NF	1.91E-02 7.65E-01 3.07E-03 4.23E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02		
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E+00 3E-01 2E-01 4E-01 4E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 	-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	- - - - -	-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 	-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-03 5.00E-03 2.00E-02	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02 8E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	- - - - -	-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 6.00E-02	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 	-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-03 5.00E-03 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	-	
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene	7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-01 4E-02 3E-02 4E-02 4E-02 4E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 7.30E-01 7.30E+00 7.30E-01	2E- 2E- 2E-
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] plyrene Benzo[a] plyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440382 7440393 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 2059992 207089	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 7.30E+00 7.30E+01 7.30E-01	2E 2E 2E 2E
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	7440382 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-02	2E. 2E. 2E. 2E. 2E.
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.80E-02 2.69E-02 2.11E-02 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	2E. 2E. 2E. 2E.
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]roranthene Chrysene Dibenzo[nanthracene Dibenzo[hanthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4 00E-04 3.00E-04 7.00E-02 5.00E-04 43.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02 3E-01 4E-02 3E-02 4E-02 4E-02 3E-02 3E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-00 7.30E-02 7.30E-02 7.30E-02	2E 2E 2E 2E 2E
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03	2E. 2E. 2E. 2E.
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofaran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene	7440382 744039_W 18540299_W1 7439965_NF 7439965_NF 743992 7440224 91576 83329 56553 50328 207089 218019 53703 132649 206440 86737 193395	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03	2E+00 3E-01 2E-01 4E-01 	1.17E-02	7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03	2E 2E 2E 2E
AOI 30	Arsenic Barium Cdomium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440382 744039 W 18540299 VII 7439965 NF 7439965 NF 7439965 7782492 7440224 91576 83329 256553 50328 205998 218019 53703 132649 86737 193395 91203	1.91E-02 7.65E-01 3.07E-03 4.23E-02 5.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	ZE+00 3E-01 2E-01 4E-01 4E-02 2E-02 8E-01 4E-02 4E-02 3E-02 4E-02 3E-02 3E-01 3E-02 9E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-00 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E 2E 2E 2E 2E
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440382 744039 W 18540299 VII 7439965 NF 7439965 77840224 91576 833229 265533 50328 218019 53703 132649 206440 86737 193395 91203 885018	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2,74E-02 2,74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	ZE+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02		2EE 2EE 2EE -
AOI 30	Arsenic Barium Cdromium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b[fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzafuran Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phyrene	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02 8E-01 4E-02 4E-02 4E-02 3E-02 3E-01 3E-02 8E-01 3E-02 8E-02 4E-02	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01	2E 2E 2E 2E
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]aptrene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	7440382 744039_W 18540299_VII 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205999 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	1.91E-02 7.65E-01 3.07E-03 4.23E-02 - - - - - - - - - - - - - - - - - -	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	ZE+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 3E-01 3E-01 3E-02 3E-01 4E-02	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 2E 2E 2E
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Ghrysene Dibenzofaran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 743992 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 11096825	1.91E-02 7.65E-01 3.07E-03 4.23E-02 -4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.69E-02 1.14E-01 ND 6.52E-02 1.14E-01 ND 6.52E-02 ND 4.06E-02 ND	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02	2E+00 3E-01 2E-01 4E-03 7E-02 2E-02 8E-01 4E-02 4E-02 4E-02 4E-02 3E-01 3E-01 3E-01 3E-01 3E-02 3E-01 3E-02 3E-03	1.17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	2E.
AOI 30	Arsenic Barium Cdromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440382 744039 W 18540299 VII 7439965 NF 7439965 NF 7439965 NF 7439965 NF 782492 56553 50328 205999 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	1.91E-02 7.65E-01 3.07E-03 4.23E-02 - - - - - - - - - - - - - - - - - -	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	ZE+00 3E-01 2E-01 4E-01 4E-03 7E-02 2E-02 4E-02 4E-02 4E-02 4E-02 4E-02 4E-02 3E-01 3E-01 3E-02 3E-01 4E-02	1.17E-02 1.17E-03 1.17E-03	7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 2E 2E 2E 2E 2E 3E 3E
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Ghrysene Dibenzofaran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene	7440382 744039_W 18540299_W1 7439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11066825 106467 606202 534521	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E 2E 2E 2E 2E 3E
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440382 744039_W 18540299_VII 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 20528 207989 218019 53703 1326440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 1106445	1.91E-02 7.65E-01 3.07E-03 4.23E-02 	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E+00 3E-01 4E-01 - 4E-03 7E-02 2E-02 8E-01 4E-02 3E-02 4E-02 4E-02 3E-03 8E-01 4E-02 3E-03 3E-01 4E-02 3E-01 4E-02 3E-01 4E-02 3E-01 4E-02	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E. 2E. 2E. 2E. 2E. 2E
AOI 30	Arsenic Barium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzo[taran Fluoranthene Dibenzo[taran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pluorene Aphthalene Phenanthrene Pyrene Aroclor 1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberyl)phthalate	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 743992 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606020 534521 106445 111444 117817	1.91E-02 7.65E-01 3.07E-03 4.23E-02 - 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 ND 4.06E-02 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND 1.06E-03 ND	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02	ZE+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01 	2E 2
AOI 30	Arsenic Barium Cdromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440382 7440392 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 265533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 3.00E-03 ND ND 1.90E-03 ND 1.27E-01	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E 2
AOI 30	Arsenic Barium Cdromium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorothyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine	7440382 744039_W 18540299_W1 7439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.42E-01 4.26E-02 ND 1.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-04	2E+00 3E-01 2E-01 4E-01 4E-02 2E-02 2E-02 4E-02	1.17E-02 1.17E-02		2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 30	Arsenic Barium Cdromium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hyrene Benzo[a]hyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Luorene Naphthalene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-o-cresol 4,4-Dichlorobenzene 2,6-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 782492 2010899 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104467 606202 534521 106445 1111444 117817 86748 621647	1,91E-02 7.65E-01 3,07E-03 4,23E-02 4,80E-05 1,36E-02 3,20E-03 6,07E-01 9,24E-02 2,03E-02 2,84E-02 2,84E-02 2,11E-02 1,14E-01 ND 6,52E-02 1,84E-01 4,26E-02 ND 3,00E-03 ND ND 1,90E-03 ND 1,70E-03	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	ZE+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E 2
AOI 30	Arsenic Barium Cdromium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]nanthracene Dibenzo[hran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Accolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 744039_W 18540299_VII 7439965_NF 7439965_NF 7439965_NF 7439965 73440224 91576 83329 205989 218019 53703 1326494 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 86748 621647 87865 71556	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND 1.90E-03 ND 1.90E-03 ND 1.90E-03 ND 1.77E-01 3.00E-03 ND 1.77E-01 5.00E-03 ND	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	2E 2
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzo[tranan Fluoranthene Dibenzo[tranan Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylberyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 782492 2010899 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104467 606202 534521 106445 1111444 117817 86748 621647	1,91E-02 7.65E-01 3,07E-03 4,23E-02 4,80E-05 1,36E-02 3,20E-03 6,07E-01 9,24E-02 2,03E-02 2,84E-02 2,84E-02 2,11E-02 1,14E-01 ND 6,52E-02 1,84E-01 4,26E-02 ND 3,00E-03 ND ND 1,90E-03 ND 1,70E-03	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	ZE+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02		2E.
AOI 30	Arsenic Barium Cdromium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[k]nanthracene Dibenzo[hran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Accolor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	7440382 7440392 7440439 W 18540299 VI 7439965 NF 7439965 NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606020 534521 106445 111144 117817 86748 621647 87865 771556	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.87E-02 1.14E-01 ND 4.10E-02 1.84E-01 4.26E-02 ND 1.90E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND 1.27E-01 3.00E-03 ND	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01 4E-02 2E-02 2E-02 4E-02	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	2E.
AOI 30	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,1-Dichlorobenzene 1,1-Tirichlorobeneol (PCP) 1,1,1-Tirichlorobeneol (PCP) 1,1,1-Tirichlorobeneol 1,2-Dichlorobethane 1,1-Dichlorobethane 1,2-Dichlorobethane 1,2-Dichlorobethane 1,2-Dichlorobethane 1,2-Dichlorobethane 1,2-Dichlorobethane	7440382 744039_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 782492 2010899 2070899 218019 53703 132649 206440 86737 132649 11066425 1106445 1111444 117817 86748 661647 87865 71556 71556 71556 719005	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E.
AOI 30	Arsenic Barium Cdomium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenzo[a,h]anthracene Dibenzo[hran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	7440382 7440392 7440393 7440439 7450299 7440224 91576 7782492 54553 50328 205999 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 666202 534521 110444 117817 86748 621647 87865 779005 75343 96184 107062 540590	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.84E-02 1.14E-01 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.50E-02 1.9E-03 ND ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND 5.00E-03 ND ND ND 9.00E-03 ND ND 9.00E-03 ND ND 05.03E-02 06 06 07 07 07 08 07 08 08 08 08 08 08 08 08 08 08 08 08 08	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01	2E+00 3E-01 2E-01 4E-01 	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 2.00E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	2E 2
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Dibenzo[tarana Fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anth	7440382 7440392 7440393 7440439 7440299 7439965 77824929 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 10647 606020 534521 106445 1111444 117817 86748 621647 87865 77556 79005 75343 96184 107062 540590 67641	1,91E-02 7,65E-01 3,07E-03 4,23E-02 4,80E-05 1,36E-02 3,20E-03 6,07E-01 9,24E-02 2,03E-02 2,80E-02 2,80E-02 2,80E-02 2,81E-02 3,77E-02 1,14E-01 ND 6,52E-02 1,84E-01 4,26E-02 ND 1,09E-03 ND 1,09E-03 ND 1,27E-01 3,00E-03 ND 6,30E-03 ND 6,30E-03 ND 6,30E-03 ND 6,30E-03 ND 6,30E-03 ND 6,30E-03 ND	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E+00 3E-01 2E-01 4E-01 4E-01 4E-02 5E-03	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 	2E 2
AOI 30	Arsenic Barium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aphrene Benzo[a]aphrene Benzo[a]aphrene Benzo[a]aphrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Fluorene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440382 7440392 7440393 7440439 7440234 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 661647 87865 79055 75343 96184 107062 540590 67641 107452	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND ND ND 1.90E-03 ND ND ND 1.97E-03 ND	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2EE
AOI 30	Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]myrene Benzo[a]pyrene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenolitoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chlorodibromomethane	7440382 744039_W 18540299_V1 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 183329 26553 50328 265992 207089 218019 53703 132649 86737 133395 91203 85018 129000 11096825 106467 606202 534521 106445 117817 86748 621647 87865 771556 779005 75343 96184 107062 540590 67641 71432 540590 67641 71432	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 3.07E-03 2.98E-02 2.88E-02 2.84E-02 2.84E-02 2.84E-02 2.84E-02 1.14E-01 ND 4.10E-02 3.77E-02 1.42E-01 ND 0.00E-03 ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND 0.00E-03 ND ND 0.00E-03 ND ND 0.00E-03 ND ND 0.00E-03 ND	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	2E+00 3E-01 2E-01 4E-01 4E-02 2E-02 4E-03 4E-03 3E-01 4E-02 4E-02 4E-02 4E-02 3E-01 3E-01 3E-01 3E-01 3E-01 3E-01 3E-01 3E-01 3E-02 3E-01 3E-03 3E-01 3E-03	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 5.70E-02 2.00E+02 9.10E-02 5.50E-02 8.40E-02	2E 2
AOI 30	Arsenic Barium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-delphylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439966 NF 7439966 NF 7439976 NF 7439976 NF 7439976 NF 7439976 NF 7440224 11841 117817 86748 661647 87865 71556 71556 71556 71556 71556 7100645 71556 7100645 111444 117817 87865 71556 71006 7100645 71006645 7100646 71006645 71006646 71006646 71006661 71006661 71006661 71006661 71432 714481 75003	1.91E-02 7.65E-01 3.07E-03 3.07E-03 3.07E-03 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.06E-03 ND	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 2.00E-00 1.40E-02 2.00E-01 5.70E-02 2.00E+00 9.10E-02 9.10E-02 8.40E-02	2E 2
AOI 30	Arsenic Barium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol	7440382 7440392 7440393 7440439 7440299 7440224 91576 7782492 546553 50328 205999 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106447 117817 86748 621647 87865 779005 75343 96184 107062 540590 667641 71432 124481 775003 74873	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.69E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 0.00E-03 ND ND 1.90E-03 ND 1.27E-01 3.00E-03 ND ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND 0.00E-03 ND ND 0.00E-03 ND ND 0.00E-03 ND 0.	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-03 1.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E+00 3E-01 2E-01 4E-01 4E-02 3E-02 4E-02 4E-03 7E-03	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 5.70E-02 2.00E+02 9.10E-02 5.50E-02 8.40E-02	2E 2
AOI 30	Arsenic Barium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-delphylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2-Dichloroethane	7440382 7440392 7440393 7440439 7440299 7439965 77824929 7440224 91576 83329 56553 50528 205992 207089 218019 53703 132649 1266440 86737 193395 91203 85018 129000 11096825 110647 606020 534521 116444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.91E-02 7.65E-01 3.07E-03 3.07E-03 3.07E-03 3.20E-03 6.07E-01 9.24E-02 2.03E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.06E-03 ND	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	2E 2
AOI 30	Arsenic Barium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hluoranthene Benzo[b]hluoranthene Benzo[b]hluoranthene Dibenzo[trian] Fluoranthene Dibenzo[trian] Fluoranthene Dibenzo[trian] Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-crsol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane Cetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Cetone Chloroethane (Ethyl chloride)	7440382 7440392 7440393 7440439 7440234 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 106467 606202 534521 106447 111444 117817 86748 661647 87865 71556 79005 75343 96184 107062 540590 67641 17432 124481 75003 74873 156592 75092	1,91E-02 7,65E-01 3,07E-03 4,23E-02 - 4,80E-05 1,36E-02 3,20E-03 6,07E-01 9,24E-02 2,80E-02 2,80E-02 2,84E-02 2,84E-02 2,11E-02 3,77E-02 1,14E-01 ND 6,52E-02 1,426E-02 ND 1,90E-03 ND 1,90E-03 ND 1,00E-03 ND ND ND 1,00E-03 ND ND 1,00E-03 ND	2.74E-02 2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-03 1.00E-02 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E+00 3E-01 2E-01 4E-01 7E-02 2E-02 4E-02	1.17E-02 1.17E-02	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 	2E 2
AOI 30	Arsenic Barium Cadmium Chromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene 4,6-Dinitro-toluene 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,7-Dichlorobethylcher bis(2-Ethylbexyl)pthtalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	7440382 7440393 7440393 7440393 7440393 7440393 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110444 117817 86748 661647 878565 71556 71556 71556 71556 71000 713343 96184 107062 540590 67644 171412 12481 1775003 74873 75003 74873 75002 75092	1.91E-02 7.65E-01 3.07E-03 4.23E-02 - 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 ND 1.09E-03 ND ND ND ND 0.00E-03 ND 0.00	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-02 5.00E-02 3.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03	2E+00 3E-01 2E-01 4E-01 7E-02 2E-02 2E-02 4E-02 4E-03 4E-03 4E-03 4E-04 4E-02 4E-03 4E-04 4E-02 4E-03 4E-04 4E-02 4E-04 4E-02 4E-04	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 5.50E-02 8.40E-02 7.50E-03	2E 2
AOI 30	Arsenic Barium Cchomium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 1,1-Tirchloroethane 4,6-Dinitro-o-desol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Etetalolroethene Toluene	7440382 7440392 7440393 7440439 7440234 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 77503 96184 107062 540590 67641 17432 12481 15003 74873 156592 75092 100414 127184	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 1.80D ND 1.07E-03 ND ND 1.27E-01 ND 5.00E-03 ND ND 6.32E-02 1.65E-02 7.97E-03 ND ND 9.00E-03 ND ND ND 9.00E-03 ND ND 9.00E-03 ND ND ND 9.00E-03 ND ND ND 9.00E-03 ND	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E.
AOI 30	Arsenic Barium Cromium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]hluoranthene Benzo[a]hluoranthene Benzo[a]hluoranthene Dibenzo[trian] Benzo[k]fluoranthene Dibenzo[trian] Fluoranthene Dibenzo[trian] Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-crsol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) ciss-1,2-Dichloroethene Chloroethane (Ethyl chloride) Chloromethane Ethylbenzene Tetrachloroethene Totulene Trichloroethene	7440382 7440392 7440393 7440439 7440439 7440294 7439965 77824929 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 110647 606020 534521 106445 1111444 117817 86748 621647 87865 77556 75343 96184 107062 540590 67641 71432 124481 75003 74873 1566592 75092 100414 127184 108883	1,91E-02 7,65E-01 3,07E-03 4,23E-02 4,80E-05 1,36E-02 3,20E-03 6,07E-01 9,24E-02 2,36E-02 2,80E-02 2,84E-02 2,84E-02 2,11E-02 3,77E-02 1,14E-01 ND 6,52E-02 1,426E-02 ND 1,90E-03 ND 1,90E-03 ND 1,00E-03 ND 1,00E-03 ND 1,00E-03 ND ND ND 1,00E-03 ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND ND 1,00E-03 ND ND 1,00E-03 ND ND ND 1,00E-03 ND 1,00E	2.74E-02 2.7	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-03 5.00E-01 5.00E-01 5.00E-01 5.00E-01 5.00E-01	2E+00 3E-01 2E-01 4E-01 7E-02 2E-02 2E-02 4E-03 3E-01 3E-01 3E-02 4E-02 4E-03 4E-02	1.17E-02	7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01 7.30E-02 7.30E-01 7.50E-02 7.50E-02 7.50E-02 7.50E-02 7.50E-03	2E- 2E- 2E- 2E- 3E- 3E- 2E- 2E- 2E- 3E- 3E-
AOI 30	Arsenic Barium Cchomium Manganses Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 1,1-Tirchloroethane 4,6-Dinitro-o-desol bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane Ethylbenzene Etetalolroethene Toluene	7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 743996 NF 7440224 111444 117817 86748 661647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 100414 127184 18883 79016	1.91E-02 7.65E-01 3.07E-03 4.23E-02 4.80E-05 1.36E-02 3.20E-03 6.07E-01 9.24E-02 2.80E-02 2.84E-02 2.84E-02 2.11E-02 ND 4.10E-02 3.77E-02 1.14E-01 ND 6.52E-02 1.84E-01 4.26E-02 1.80D ND 1.07E-03 ND ND 1.27E-01 ND 5.00E-03 ND ND 6.32E-02 1.65E-02 7.97E-03 ND ND 9.00E-03 ND ND ND 9.00E-03 ND ND 9.00E-03 ND ND ND 9.00E-03 ND ND ND 9.00E-03 ND	2.74E-02	4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 5.00E-04 3.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-01	2E+00 3E-01 2E-01 4E-01	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E 2

	Chemical	CAS Number	Cgw		ncancer Risk			ancer Risk	
AOI 22	Antimony	7440260	(mg/L)	2.74E-02	4.00E-04	RiskNC	RME HIFC	Oral SF	Risk
AOI 32	Arsenic	7440360 7440382	1.65E-02	2.74E-02 2.74E-02	3.00E-04	2E+00	1.17E-02 1.17E-02	1.50E+00	3E-0
	Barium	7440393	6.02E-01	2.74E-02	7.00E-02	2E-01	1.17E-02		
	Cadmium	7440439_W	5.00E-03	2.74E-02	5.00E-04	3E-01	1.17E-02		
	Chromium Manganese	18540299_VI 7439965 NF	1.90E-03	2.74E-02 2.74E-02	3.00E-03 2.00E-02	2E-02	1.17E-02 1.17E-02		
	Mercury		3.27E-05	2.74E-02 2.74E-02	3.00E-04	3E-03	1.17E-02 1.17E-02		
	Selenium		6.60E-03	2.74E-02	5.00E-03	4E-02	1.17E-02		
	Silver		1.50E-03	2.74E-02	5.00E-03	8E-03	1.17E-02		
	2-Methylnaphthalene		1.55E-02	2.74E-02	2.00E-02	2E-02	1.17E-02		-
	Acenaphthene Benzo[a]anthracene		3.30E-03 1.30E-03	2.74E-02 2.74E-02	6.00E-02 2.00E-02	2E-03 2E-03	1.17E-02 1.17E-02	7.30E-01	1E-
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	-
	Benzo[b]fluoranthene		1.10E-03	2.74E-02	2.00E-02	2E-03	1.17E-02	7.30E-01	9E-
	Benzo[k]fluoranthene	207089 218019	2.00E-04 1.10E-03	2.74E-02 2.74E-02	2.00E-02 2.00E-02	3E-04 2E-03	1.17E-02 1.17E-02	7.30E-02 7.30E-03	2E- 9E-
	Chrysene Dibenz[a,h]anthracene	53703	ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02	2E-03	1.17E-02 1.17E-02	7.30E+00	9E-
	Dibenzofuran	132649	1.20E-03	2.74E-02	4.00E-03	8E-03	1.17E-02		-
	Fluoranthene	206440	7.40E-03	2.74E-02	4.00E-02	5E-03	1.17E-02		-
	Fluorene	86737 193395	3.40E-03 ND	2.74E-02 2.74E-02	4.00E-02 2.00E-02	2E-03	1.17E-02 1.17E-02	7.30E-01	-
	Indeno[1,2,3-c,d]pyrene Naphthalene		5.20E-03	2.74E-02 2.74E-02	2.00E-02 2.00E-02	7E-03	1.17E-02 1.17E-02	7.30E-01	
	Phenanthrene		4.50E-03	2.74E-02	2.00E-02	6E-03	1.17E-02		-
	Pyrene	129000	5.60E-03	2.74E-02	3.00E-02	5E-03	1.17E-02		-
	Aroclor-1260	11096825		2.74E-02	2.00E-05		1.17E-02	2.00E+00	-
	1,4-Dichlorobenzene 2,6-Dinitrotoluene	106467 606202	ND ND	2.74E-02 2.74E-02	3.00E-02 1.00E-03		1.17E-02 1.17E-02	2.40E-02 6.80E-01	-
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02 2.74E-02	1.00E-03 1.00E-04		1.17E-02 1.17E-02	0.80E-01	-
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		-
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02			1.17E-02	1.10E+00	-
	bis(2-Ethylhexyl)phthalate	117817	1.40E-01	2.74E-02	2.00E-02	2E-01	1.17E-02	1.40E-02	2E-
	Carbazole n Nitrosodinronylamina	86748	1.20E-03	2.74E-02			1.17E-02	2.00E-02	3E-
	n-Nitrosodipropylamine Pentachlorophenol (PCP)	621647 87865	ND 6.30E-03	2.74E-02 2.74E-02	3.00E-02	6E-03	1.17E-02 1.17E-02	7.00E+00 1.20E-01	9E-
	1,1,1-Trichloroethane	71556	ND	2.74E-02 2.74E-02	2.80E-01		1.17E-02 1.17E-02		9L-
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	-
	1,1-Dichloroethane	75343	ND	2.74E-02	1.00E-01		1.17E-02	2.005:00	-
	1,2,3-Trichloropropane 1,2-Dichloroethane	96184 107062	ND ND	2.74E-02 2.74E-02	6.00E-03 3.00E-02		1.17E-02 1.17E-02	2.00E+00 9.10E-02	-
	1,2-Dichloroethene		2.43E-03	2.74E-02 2.74E-02	9.00E-02	7E-03	1.17E-02 1.17E-02	9.1012-02	-
	Acetone	67641	1.00E+01	2.74E-02	1.00E-01	3E+00	1.17E-02		-
	Benzene	71432	ND	2.74E-02	3.00E-03		1.17E-02	5.50E-02	-
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	-
	Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	75003 74873	ND 8.38E-03	2.74E-02 2.74E-02	4.00E-01		1.17E-02 1.17E-02	2.90E-03 1.30E-02	1E-
	cis-1,2-Dichloroethene	156592	1.45E-03	2.74E-02 2.74E-02	1.00E-02	4E-03	1.17E-02 1.17E-02	1.3012-02	112
	Dichloromethane	75092	1.60E+00	2.74E-02	6.00E-02	7E-01	1.17E-02	7.50E-03	1E-
	Ethylbenzene	100414	ND	2.74E-02	1.00E-01		1.17E-02		-
	Tetrachloroethene	127184	ND	2.74E-02	1.00E-02	 2E 04	1.17E-02	5.20E-02	-
	Toluene Trichloroethene	108883 79016	1.60E-03 ND	2.74E-02 2.74E-02	2.00E-01 3.00E-04	2E-04	1.17E-02 1.17E-02	1.10E-02	-
	Vinyl Chloride	75014 A							7E-
			8.17E-03	2.74E-02	3.00E-03	7E-02	1.17E-02	7.20E-01	
	Xylenes (Total)		8.17E-03 2.60E-03	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total	7E-02 4E-05 6E+00	1.17E-02 1.17E-02	7.20E-01 Total	-
AOI 33	Xylenes (Total) Antimony				2.00E+00	4E-05			-
AOI 33	Antimony Arsenic	7440360 7440382	2.60E-03 2.15E-03	2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04	4E-05 6E+00 2E-01	1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	6E-
AOI 33	Antimony Arsenic Barium	7440360 7440382 7440393	2.60E-03 2.15E-03 1.85E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	4E-05 6E+00 2E-01 7E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	6E-
AOI 33	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W	2.60E-03 2.15E-03 1.85E-01 4.75E-04	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	4E-05 6E+00 2E-01 7E-02 3E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	6E
AOI 33	Antimony Arsenic Barium Cadmium Chromium	7440360 7440382 7440393 7440439_W 18540299_VI	2.60E-03 2.15E-03 1.85E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	6E-
AOI 33	Antimony Arsenic Barium Cadmium	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	4E-05 6E+00 2E-01 7E-02 3E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	 Total 1.50E+00 	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2Methylnaphthalene	7440360 7440382 7440392 7440439 W 18540299_V1 7439965_NF 7439965 7782492 7440224 91576	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	7440360 7440382 7440393 744039 W 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene	7440360 7440382 7440392 7440392 18540299 VI 7439965 NF 7439976 7782492 7440224 91576 83329 56553	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-02 6.00E-02 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01	4E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene	7440360 7440382 7440382 7440393 7440439 W 18540299 VI 7439956 NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	2.60E-03 2.15E-03 1.85E-04 4.75E-04 4.75E-04 9.84E-04 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 5.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 1E-01 3E-03 3E-03 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Siliour Selenium Siliour Selenium Siliour Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	7440360 7440382 7440393 7440439 W 18540299 VI 7439976 7782492 7440224 7440224 91576 83329 56553 50328 205992 207089	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.07E-03 2.07E-03 2.16E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene	7440360 7440382 7440393 7440439 W 18540299_VI 7439955_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.30E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-05 6E+00 	1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E+02 7.30E-02 7.30E-02	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440382 744039 W 18540299 VII 7439965 NF 7439965 7782492 7440229 56553 50328 205992 207089 218019 53703	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.16E-03 2.30E-03 1.99E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene	7440360 7440382 7440393 7440439 W 18540299 VI 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.25E-03 2.216E-03 2.30E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	4E-05 6E-400 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 3E-01 3E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	7440360 7440382 7440393 7440439 18540299 VI 7439965 NF 7439976 7782492 7440224 240224 256553 50328 205992 207089 218019 53703 132649 206440 86737	2.60E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 1.36E-03 9.96E-04 2.37E-01 2.38E-03 2.25E-03 2.16E-	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 3E-01 3E-01 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Fluorene Fluorene	7440360 7440382 7440339 7440439_W 18540299_V1 7439965_NF 7439965_NF 743992 7440224 91576 83329 56553 80328 205992 207089 218019 53703 132649 206440 86737	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.07E-03 ND 8.23E-03 7.09E-03 ND 8.23E-03 7.68E-02	2.74E-02 2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-04 4.00E-03	4E-05 6E+00 	1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-03 7.30E+00 7.30E-01	4E
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	7440360 7440382 7440382 7440399 W 18540299 W1 7439965 NF 7439976 7782492 7440224 91576 83329 26553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	2.15E-03 1.85E-01 4.75E-04 9.84E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.07E-03 2.07E-03 1.99E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-02 5E-03 3E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Fluorene Fluorene Fluorene Fluorene	7440360 7440382 7440393 7440439 W 18540299 VI 7439965 NF 7439976 7782492 7440224 491576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.38E-03 2.07E-03 2.07E-03 ND 8.23E-03 7.09E-03 ND 8.23E-03 7.68E-02	2.74E-02 2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-04 4.00E-03	4E-05 6E+00 	1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-03 7.30E-01	2E 2
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	7440360 7440382 7440382 7440392 7440392 8740299 7439965 87749976 7782492 744024 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825	2.60E-03	2.74E-02 2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02	4E-05 6E+00 2E-01 7E-02 9E-03 1E-02 2E-03 3E-01 1E-01 3E-03 3E-01 1E-01 1E-01 1E-01 1E-02 1E-01	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-01 7.30E-01	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Jeneium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	7440360 7440382 7440339 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439976 7782492 91576 83329 240224 91576 83329 255932 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 11096825	2.60E-03	2.74E-02 2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02	4E-05 6E+00 2E-01 7E-02 9E-03 1E-02 2E-03 3E-01 3E-03 4E-00 2E-01 1E-01 1E-01 4E-04	1.17E-02	Total 1.50E+00	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	7440360 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439976 7782492 7440224 91576 83329 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 1166467 666202	2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 2.16E-03 2.07E-03 7.08E-02 2.14E-03 5.49E-00 1.50E-01 1.22E-02 1.02E-04 4.00E-04	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02	4E-05 6E+00 2E-01 7E-02 9E-03 1E-02 2E-02 3E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-01 1E-01 1E-01 1E-01 4E-04	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-01 	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silinum Silinum Selenium Silinum Selenium Silinum Selenium Silinum Silinum Selenium Silinum Silinum Selenium Silinum Silinum Selenium Silinum Selenium Silinum Selenium Silinum Selenium Se	7440360 7440382 7440392 7440439 W 18540299 VI 7439965 _NF 7439976 7782492 7440224 440224 491576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 6606202 534521	2.60E-03	2.74E-02 2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02	4E-05 6E+00 2E-01 7E-02 9E-03 1E-02 2E-03 3E-01 3E-03 4E-00 2E-01 1E-01 1E-01 4E-04	1.17E-02	Total 1.50E+00	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phyrene Benzo[b]fluoranthene Ghrysene Dibenz[a,h]anthracene Jobenz[a,h]anthracene Pluorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether	7440360 7440382 7440382 7440399 W 18540299 W1 7439965 NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445	2.60E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-03	4E-05 6E+00 2E-01 7E-02 9E-03 1E-02 2E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 4E-02 1E-01 1E-01 4E-04 1E-02	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-01 7.30E-01 	4E
AOI 33	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethylbether bis(2-Ethylbexyl)phthalate	7440360 7440382 7440339 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 738292 7440224 91576 83329 2655328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	2.60E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-04 5.00E-03	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 5E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-01 1E-01 4E-04 4E-04 4E-04 4E-02 1E-01 4E-02 1E-02 1E-02	1.17E-02	Total 1.50E+00	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjanthracene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 256553 50328 218019 237089 218019 23708 91203 885018 129000 11096825 106467 666202 534521 1064461 111444 117817	2.60E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-04	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-01 6.80E-01 1.0E+00 1.40E+02	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silinum Silinum Selenium	7440360 7440382 7440382 7440392 W 18540299 VII 7439965_NF 7439965 7782492 744024 491576 833229 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 9.84E-04 1.26E-04 2.37E-01 2.40E-01 2.38E-03 2.25E-03 2.07E-03 8.00 2.16E-03 2.30E-01 1.99E-03 ND 8.23E-03 1.99E-03 ND 8.23E-04 4.00E-04 ND ND 1.02E-04 ND ND 1.02E-04 ND 1.02E-04 ND 1.02E-04 ND 1.02E-04 ND 1.00E-03 ND 1.00E-03	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjanthracene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	7440360 7440382 7440339 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 2407899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-01 6.80E-01 1.0E+00 1.40E+02	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]horanthene Chrysene Dibenz[a,h]anthracene Jelorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	7440360 7440382 7440339 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439976 778292 7440224 91576 83329 56553 8205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.07E-03 2.07E-03 3.199E-03 ND 8.23E-03 7.68E-02 2.14E-03 5.49E+00 1.22E-02 1.02E-04 ND ND 2.51E-03 ND 0.51E-03 N	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 2.00E-02 3.00E-03 2.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 3.00E-02 3.00E-03 3.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-02 2.00E-02	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]phoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorante Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,1-Dichloroethane 1,1,1-Dichloroethane 1,1-Dichloroethane	7440360 7440382 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965 7782492 91576 83329 265533 50328 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 111444 117817 86748 621647 87865 79005	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 8.3	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silioum Selenium	7440360 7440382 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666020 534521 106445 111444 117817 86748 621647 87865 79005 75343 96184	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.16E-03 2.16E-03 7.068E-02 2.14E-03 7.68E-02 2.14E-03 7.68E-02 7.68E-02 7.68E-02 7.68E-02 7.68E-02 7.68E-02 7.68E-02 7.68E-03 7.68E-02 7.68E-03 7.68E-02 7.68E-03 7.68	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	4E- 4E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2
AOI 33	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Prene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440339 7440439 W 18540299 VII 7439965 NF 7439965 NF 7439965 7440224 91576 83329 2407889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 606202 534521 110444 117817 86748 661647 87865 71556 71556 719005	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.80E-01 4.00E-03 1.00E-03 1.00E-01	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 1E-01 1E-01 4E-04 1E-02 1E-02 1E-02 4E-04	1.17E-02	Total Total 1.50E+00	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Johenzofuran Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440382 7440382 7440393 7440439 7440439 7440234 91576 7782492 91576 83329 207089 218019 53703 1326440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 1117817 87648 621647 87865 779005 75343 96184 107062	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 	4E
AAOI 33	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Prene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexylphthalate CarbazoleNitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-3-Trichloroptenane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	7440360 7440382 7440393 7440439 W 18540299 VII 7439965 NF 7439976 7782929 7440224 91576 83329 56553 8205992 207089 218019 53703 132649 226440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77556 79005 75343 96184 107062 540590 67641	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 3.00E-02 2.80E-01 4.00E-03 1.00E-03 1.00E-01	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 1E-01 1E-01 4E-04 1E-02 1E-02 1E-02 4E-04	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-01 8.0E-02 8.0E-02 9.0E-02 1.40E-02 7.0E-02 1.40E-02 7.0E-02 7.0E-02 7.0E-02 7.0E-02 7.0E-02 7.0E-02 7.0E-02	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chlorobethyl)ether bis(2-Elthylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	7440360 7440382 7440382 7440392 W 18540299 VII 7439965 NF 7439965 7782492 24 91576 83329 2605992 207089 218019 53703 132649 206440 206440 206440 206441 117817 87865 71556 779005 75343 96184 107062 544590 67641 71432 544590 67641 71432	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.40E-01 2.25E-03 2.16E-03 2.16E-03 7.08E-03 7.68E-02 2.14E-03 7.68E-02 7.68E-03 7.68E	2.74E-02	2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-03 1.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 1.50E-01 1.20E-01 1.20E-01 1.20E-01 2.00E-02 7.30E-02 7.30E-02 7.30E-02 7.30E-02	2E- 2E- 2E- 2E- 2E- 2E- 2E- 2E- 3E- 3E- 3E- 3E- 3E- 3E- 3E- 3E- 3E- 3
AOI 33	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroptopnene 1,2-Dichloroethane	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 2605992 2070899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104441 17817 86748 661647 87865 71556 71556 719005 753431 96184 1070062 540590 676441 171412 124481	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02	4E-05 6E+00 2E-01 7E-02 3E-02 9E-03 1E-02 2E-03 3E-01 1E-01 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03 3E-03	1.17E-02	Total Total 1.50E+00	2E-2E-2E-2E-1E-1-2-1-2-1-2-1-2-1-2-1-2-1
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]phyrene Benzo[a]phyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Johenzofuran Fluoranthene Photorothene Phenanthrene Pyerne Artoclor-1260 1,4-Dichlorothouene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	7440360 7440382 7440382 7440382 7440383 7440439 W 18540299 VII 7439965 NF 7439976 7782492 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-01	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 6.80E-01 	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzola Janthracene Benzola Janthracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Dibenzofaran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) isi(2-Chloroethy) ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethoroethene Cectone Benzene Chloroethoroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride)	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439956 743929 7440224 91576 83329 56553 50328 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 10647 606202 534521 116444 117817 86748 621647 117817 87865 77554 96184 107062 545520 54552	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01	4E-05 6E+00	1.17E-02	Total Total 1.50E+00	4E- 2E- 2E- 2E- 2E- 2E- 1E- 9E- 4E- 1E-
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] aphyrene Benzo(a] phyrene Benzo(a] phyrene Benzo(b] fluoranthene Benzo(b] fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indeno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phene Phenanthrene Phene Aroclor-1260 1,4-Dichlorobenzene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Methyl chloride) Chloromethane (Methyl chloride)	7440360 7440382 7440382 7440382 7440383 7440439_W 18540299_V1 7439965_NF 7439965 7782492 91576 83329 56553 50328 2007899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 6166202 534521 110444 117817 86748 661647 87865 771556 79005 753433 96184 107062 540590 67641 17432 124481 775003 74873 156592 759092	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-02 6.80E-01 	4E
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzola Janthracene Benzola Janthracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Benzola Jinteracene Dibenzofaran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Indenol 1,2,3-c,d]pyrene Naphthalene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) isi(2-Chloroethy) ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethoroethene Cectone Benzene Chloroethoroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Chloroethoroethene Chloroethoroethene Chloroethene (Ethyl chloride)	7440360 7440382 7440382 7440382 7440383 7440439_W 18540299_V1 7439965_NF 7439965 7782492 91576 83329 56553 50328 2007899 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 6166202 534521 110444 117817 86748 661647 87865 771556 79005 753433 96184 107062 540590 67641 17432 124481 775003 74873 156592 759092	2.60E-03	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 1.00E-01 3.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01	4E-05 6E+00	1.17E-02	Total 1.50E+00	4E- 4E- 2E- 2E- 2E- 2E- 2E- 1E- 1E- 1E- 1E- 1E- 1E- 1E- 1E- 1E- 1
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Phenzofuran Fluoranthene Fluoranthene Phorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Ly-Dichloroethene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	7440360 7440382 7440382 7440382 7440382 7440393 7440439 8840299 91 7439965 7782492 91576 83329 56553 50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106447 87865 77505 75343 96184 117817 86748 621647 87865 77505 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 2.16E-03 2.07E-03 ND 8.23E-03 7.68E-02 2.14E-03 ND 1.50E-01 1.22E-02 1.02E-04 4.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.75E-02 1.39E-03 ND ND 1.75E-02 1.39E-03 ND ND ND ND ND 1.75E-02 1.39E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02	4E
AOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[a]nthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Florene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dibithorotenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene bis(2-Elitorethy)ether bis(2-Elitorethene 1,1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Elitylbenzene Tetrachloroethene Totalene Tetrachloroethene Totalene Trichloroethene	7440360 7440382 7440382 7440393 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 126440 86737 193395 91203 85018 129000 11096825 106476 606202 534521 116444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481 175003 74873 1566592 75003 74873 1566592 75003 750041 127184 108883	2.60E-03 2.15E-03 1.85E-01 1.475E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.07E-03 2.10E-03 2.10E-03 3.99E-03 ND 8.23E-03 1.99E-03 ND 8.23E-03 1.99E-03 ND 8.23E-03 1.90E-03 1.00E-03 ND ND ND 1.75E-02 6.57E-02 1.39E-03 ND ND ND 1.75E-04 0.70E-04 ND ND ND 1.75E-04 0.70E-04 0.70E-05 0.70E-06 0.70	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 1.00E-03 1.00E-01 3.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	4E-05 6E+00	1.17E-02	Total Total 1.50E+00	4E
AAOI 33	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Phenzofuran Fluoranthene Fluoranthene Phorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Ly-Dichloroethene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Ethylbenzene Tetrachloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	7440360 7440382 7440382 7440382 7440393 7440439 18540299 VII 7439965 NF 7439965 7782492 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 11444 117817 86748 661647 87865 79055 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 104414 1771432 124481 75003 74873 156592 100414 127184 108883	2.60E-03 2.15E-03 1.85E-01 4.75E-04 9.84E-04 1.26E-04 3.36E-03 9.96E-04 2.37E-01 2.38E-03 2.16E-03 2.07E-03 2.16E-03 2.07E-03 ND 8.23E-03 7.68E-02 2.14E-03 ND 1.50E-01 1.22E-02 1.02E-04 4.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.00E-03 ND 1.75E-02 1.39E-03 ND ND 1.75E-02 1.39E-03 ND ND ND ND ND 1.75E-02 1.39E-03 ND	2.74E-02	2.00E-00 Total 4.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	4E-05 6E+00	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01 7.30E-02	4E

	Chemical	CAS Number	Cgw		ncancer Risk			ancer Risk	
		=:	(mg/L)	RME HIFNO		RiskNC	RME HIFC	Oral SF	Risk
AOI 34	Antimony Arsenic		4.95E-02 2.26E-02	2.74E-02 2.74E-02	4.00E-04 3.00E-04	3E+00 2E+00	1.17E-02 1.17E-02	1.50E+00	4E-0
	Barium		3.81E-01	2.74E=02 2.74E=02	7.00E-02	1E-01	1.17E-02 1.17E-02	1.50E+00	41
	Cadmium	7440439 W	1.55E-03	2.74E-02	5.00E-04	9E-02	1.17E-02		
	Chromium	18540299_VI	3.66E-02	2.74E-02	3.00E-03	3E-01	1.17E-02		
	Manganese	7439965_NF	1.19E+00	2.74E-02	2.00E-02	2E+00	1.17E-02		
	Mercury		5.70E-04	2.74E-02	3.00E-04	5E-02	1.17E-02		
	Selenium Silver		1.04E-02	2.74E-02 2.74E-02	5.00E-03	6E-02 1E-01	1.17E-02		
	2-Methylnaphthalene		2.04E-02 8.98E-03	2.74E-02 2.74E-02	5.00E-03 2.00E-02	1E-01 1E-02	1.17E-02 1.17E-02		-
	Acenaphthene	83329	2.86E-03	2.74E-02	6.00E-02	1E-02	1.17E-02		
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	-
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	-
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	-
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	-
	Chrysene Dibenz[a,h]anthracene	218019 53703	ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E-03 7.30E+00	-
	Dibenzofuran	132649	5.69E-03	2.74E-02	4.00E-03	4E-02	1.17E-02	7.50E.00	_
	Fluoranthene	206440	ND	2.74E-02	4.00E-02		1.17E-02		-
	Fluorene	86737	3.28E-03	2.74E-02	4.00E-02	2E-03	1.17E-02		-
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	-
	Naphthalene		3.12E-03	2.74E-02	2.00E-02	4E-03	1.17E-02		-
	Phenanthrene		3.07E-03 1.10E-03	2.74E-02	2.00E-02	4E-03 1E-03	1.17E-02		-
	Pyrene Aroclor-1260	11096825	1.10E-03	2.74E-02 2.74E-02	3.00E-02 2.00E-05	1E-03	1.17E-02 1.17E-02	2.00E+00	-
	1,4-Dichlorobenzene	106467	ND	2.74E-02	3.00E-02		1.17E-02	2.40E-02	_
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	2.00E-03	2.74E-02	1.00E-04	5E-01	1.17E-02		-
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		-
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02			1.17E-02	1.10E+00	-
	bis(2-Ethylhexyl)phthalate	117817	1.35E-02	2.74E-02	2.00E-02	2E-02	1.17E-02	1.40E-02	2E-
	Carbazole n-Nitrosodipropylamine	86748 621647	2.70E-03 ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	2.00E-02 7.00E+00	6E-
	n-Nitrosodipropylamine Pentachlorophenol (PCP)		ND 5.84E-03	2.74E-02 2.74E-02	3.00E-02	5E-03	1.17E-02 1.17E-02	1.20E+00	8E-
	1,1,1-Trichloroethane		3.39E-03	2.74E-02 2.74E-02	2.80E-01	3E-03	1.17E-02 1.17E-02	1.2015-01	OL-
	1,1,2-Trichloroethane		8.00E-04	2.74E-02	4.00E-03	5E-03	1.17E-02	5.70E-02	5E-
	1,1-Dichloroethane	75343	2.87E-01	2.74E-02	1.00E-01	8E-02	1.17E-02		-
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	-
	1,2-Dichloroethane	107062	6.00E-04	2.74E-02	3.00E-02	5E-04	1.17E-02	9.10E-02	6E-
	1,2-Dichloroethene	540590	1.69E-02	2.74E-02	9.00E-03	5E-02	1.17E-02		-
	Acetone Benzene	67641 71432	2.09E-02 3.75E-03	2.74E-02 2.74E-02	1.00E-01 3.00E-03	6E-03 3E-02	1.17E-02 1.17E-02	5.50E-02	2E-
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02	JL-02	1.17E-02	8.40E-02	21.5
	Chloroethane (Ethyl chloride)	75003	1.72E-02	2.74E-02	4.00E-01	1E-03	1.17E-02	2.90E-03	6E-
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	-
	cis-1,2-Dichloroethene	156592	1.30E-02	2.74E-02	1.00E-02	4E-02	1.17E-02		-
	Dichloromethane		3.34E-03	2.74E-02	6.00E-02	2E-03	1.17E-02	7.50E-03	3E-
	Ethylbenzene		3.00E-03	2.74E-02	1.00E-01	8E-04	1.17E-02		-
	Tetrachloroethene Toluene		3.64E-03 3.10E-03	2.74E-02 2.74E-02	1.00E-02 2.00E-01	1E-02 4E-04	1.17E-02 1.17E-02	5.20E-02	2E-
	Trichloroethene		3.10E-03 3.34E-03	2.74E-02 2.74E-02	3.00E-01	3E-01	1.17E-02 1.17E-02	1.10E-02	4E-
	Vinyl Chloride	75014_A	1.92E-01	2.74E-02	3.00E-03	2E+00	1.17E-02	7.20E-01	2E
		75014_A						7.20E-01 Total	-
AOI 35	Vinyl Chloride Xylenes (Total)	75014_A 1330207	1.92E-01 4.44E-03	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total	2E+00 6E-05 1E+01	1.17E-02 1.17E-02		-
AOI 35	Vinyl Chloride	75014_A 1330207 7440360	1.92E-01	2.74E-02	3.00E-03 2.00E+00	2E+00 6E-05	1.17E-02		2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony	75014_A 1330207 7440360 7440382	1.92E-01 4.44E-03	2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04	2E+00 6E-05 1E+01	1.17E-02 1.17E-02	 Total	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie	75014_A 1330207 7440360 7440382	1.92E-01 4.44E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04	2E+00 6E-05 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02	 Total 1.50E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	75014_A 1330207 7440360 7440382 744039_W 1854029_VI 7439965_NF	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	75014_A 1330207 7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 5.00E-04 5.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver	75014_A 1330207 7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-03 5.00E-03 5.00E-03 2.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 5E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene	75014_A 1330207 7440360 7440382 744039 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene	75014_A 1330207 7440360 7440382 7440439 W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 5E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 3.00E-04 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-02 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-01	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]aphyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	75014_A 1330207 7440360 7440382 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 3.70E-02 4.00E-03 ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-02 2E-03 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]byrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-02 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440439_W 1854029_V1 7439965_NF 7439976 77439976 743992 56553 50328 205992 207089 218019 53703	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND ND ND ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 2E-03 4E-02 2E-02 5E-02 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 5.80E-01 6.70E-05 7.40E-03 3.70E-02 4.00E-03 ND ND ND ND ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-03 	1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02 7.30E-03	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 2.90E-03 ND ND ND ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 2E-03 4E-02 2E-02 5E-02 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+01 7.30E-02 7.30E-03 7.30E-03	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene	75014_A 1330207 7440380 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965 83329 565533 50528 207089 218019 53703 132649 206440	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-02 5E-02 2E-03 	1.17E-02 1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00 7.30E-02 7.30E-02	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]nyrene Benzo[a]pyrene Benzo[b[fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 2070899 218019 3703 132649 206440 86737 193395 91203	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	2E+00 6E-05 1E+01 9E-01 18E-02 2E-02 8E-01 6E-03 4E-02 2E-02 2E-02 2E-03 	1.17E-02 1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-03 7.30E-03 7.30E-01	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a,h]anthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 	1.17E-02	7.30E-01 7.30E-02 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-00 7.30E-00 7.30E-00 7.30E-00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] anthracene Benzo(a] janthracene Benzo(a) lipyrene Benzo(b] fluoranthene Chrysene Dibenz(a,h]anthracene Dibenz(a,h)anthracene	75014_A 1330207 7440360 7440382 7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 565532 207089 218019 53703 132649 266440 86737 19399 91203 85018 85018	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 9E-01 1E-01 8E-02 2E-02 2E-02 2E-02 2E-03 	1.17E-02	Total 1.50E+00 7.30E-01 7.30E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[a]phene Benzo[b]fluoranthene Benzo[a]thoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	2E+00 6E-05 1E+01 	1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E
AAOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjanthracene Dibenzofuran Fluoranthene Chrysene Indeno[1,2,3-e,d]pyrene Naphthalene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1006467	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E+01 1E-01 1E-01 1E-01 8E-02 2E-02 8E-01 6E-03 	1.17E-02	Total 1.50E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]huoranthene Dibenz[a,h]anthracene	75014_A 1330207 7440380 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965_NF 743992 2007889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	2E+00 6E-05 1E+01 	1.17E-02	7.30E-01 7.30E-01 7.30E-02 7.30E-02 7.30E-03 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjanthracene Dibenzofuran Fluoranthene Chrysene Indeno[1,2,3-e,d]pyrene Naphthalene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1006467	1.92E-01 4.44E-03 	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	2E+00 6E-05 1E-01 9E-01 1E-01 8E-02 2E-02 2E-02 2E-02 2E-02 2E-03 1E-04 3E-03 3E-04 3E-04	1.17E-02	Total 1.50E+00	2E.
AAOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a,h]anthracene Dibenzofuran Fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrool-uene 4,6-Dinitrool-uene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11996825 106467 666202 534521	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-05 ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 4.00E-03 3.00E-04 5.00E-03	2E+00 6E-05 1E-01	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hiproranthene Chrysene Benzo[h]fluoranthene Chrysene Dibenz/uran Fluorantene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)cther bis(2-Ethylbexyl)phthalate	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 8E-01 6E-03	1.17E-02	Total 1.50E+00	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzo[hran Fluoranthene Dibenzo[a]a, hjanthracene Dibenzo[a]anthracene Dibenzo[a]anthracene Dibenzo[a]byrene Benzo[b]fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Phyene Aroclor-1260 Arbeitylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	75014_A 1330207 7440380 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 66602 534521 106445 111444 117817 86748	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 2.10E-03 3.70E-02 4.00E-03 ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	2E+00 6E-05 1E-01 9E-01 1E-01 8E-02 2E-02 2E-02 2E-02 2E-03 1E-04 3E-03 1E-04 3E-04 3E-04 3E-04	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-02 7.30E-02 7.30E-02 6.80E-01 2.40E-02 6.80E-01 1.40E-02	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver Jeneral Parenie Benzolajlanthracene Benzolajlanthracene Benzolajlnyrene Benzolbjfluoranthene Benzolajlnyrene Benzolbjfluoranthene Benzolajnathracene Dibenzofuran Fluorantene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Ancolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 1,5-Dinitrotoluene 2,6-Dinitrotoluene 1,5-Dinitrotoluene 2,5-Dinitrotoluene 1,5-Dinitrotoluene 1	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-03 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 5.00E-02		1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a] janthracene Benzo[a] jnyrene Benzo[b] fluoranthene Benzo[a] jnyrene Benzo[a] jnyrene Benzo[b] fluoranthene Benzo[a] jnyrene Benzo[b] fluoranthene Benzo[a] jnyrene Benzo[b] fluoranthene Piberozenian Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106645 111444 117817 86748 621647 87865	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 4.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 1.00E-03	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 2E-02 2E-02 2E-03 1E-04 3E-03 2E-04	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-02 7.30E-02 6.80E-01 2.40E-02 6.80E-01 1.40E-02	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]nthracene Dibenz[a,h]anthracene Jelioranthene Fluorene Indeno[1,2,3-c,d]pyrene Napthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elthylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	75014_A 1330207 7440360 7440382 7440393 7440439_W 7439965_NF 7439965_NF 7439965_NF 7439965_NS 7440224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666020 534521 1106445 111444 117817 87865 71556	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 7.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02	2E+00 6E-05 1E-01	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]lyrene Benzo[a]hintracene Dibenz/iran Eluoranthene Chrysene Dibenz/iran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 717865 71586 71586 71586	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03 6.00E-04 6.00E-03 6.00E-04 6.00E-03 6.00E-03 6.00E-04 6.00E-03 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03 6.00E-03 6.00E-02 6.00E-	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 8E-01 6E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo(a] anthracene Benzo(a] anthracene Benzo(a] anthracene Benzo(a] lanthracene Benzo(a] lanthracene Benzo(a] hanthracene Dibenzo(arian) Benzo(b] fluoranthene Chrysene Dibenzo(arian) Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Pyerene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 7439965 7439965 83329 2655328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 1104467 606202 534521 1064461 111444 1178117 86748 621647 87865 79005 75343	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03	2E+00 6E-05 1E-01 9E-01 1E-01 8E-02 2E-02 2E-02 2E-02 2E-03 1E-04 3E-03 2E-04 1E-04 3E-03 1E-04 3E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 8.30E-02 7.30E-01 9.30E-01 9.30E-01 1.40E-02 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]lyrene Benzo[a]hintracene Dibenz/iran Eluoranthene Chrysene Dibenz/iran Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 717865 71586 71586 71586	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03 6.00E-04 6.00E-03 6.00E-04 6.00E-03 6.00E-03 6.00E-04 6.00E-03 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03 6.00E-03 6.00E-02 6.00E-	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 8E-01 6E-03	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 7.00E+00 1.40E-02 7.00E+00 1.20E-01	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenie Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Jeneral Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 3,6-Dinitrotochyl)ether bis(2-Elthylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 621647 87865 71556 79005 75343	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-04 5.00E-03 2.00E-02 6.00E-03 5.00E-03 5.00E-03 6.00E-03	2E+00 6E-05 1E-01 9E-01 1E-01 8E-02 2E-02 2E-02 2E-02 2E-03 1E-04 3E-03 2E-04 3E-04	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 2.00E-00 1.40E-02 2.00E-00 1.20E-01 1.20E-01 1.20E-01 1.20E-01 1.20E-01 1.20E-01	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]myrene Benzo[a]myrene Benzo[a]myrene Benzo[a]hjfluoranthene Benzo[a]hjfluoranthene Benzo[a]hjnthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)pththalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 867377 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 779005 75343 96184 107062 540590 67641	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.74E-02	3.00E-03 2.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 2E-02 2E-02 2E-02 1E-04 3E-03 2E-04	1.17E-02	Total Total 1.50E+00	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]jnyrene Benzo[b]fluoranthene Benzo[a]hjnoranthene Benzo[a]hjnoranthene Benzo[a]hjnoranthene Dibenzofuran Fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,1-Tirchlorobethane 1,1-Tirchloroethane 1,1-Tirchloroethane 1,1-Tirchloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 74399765 7782492 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104467 606202 534521 1106445 1111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 107062 540590 67641 107062 540590 67641 107062 540590 67641	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03	2E+00 6E-05 1E-01 9E-01 1E-01 8E-02 2E-02 8E-01 6E-03 1E-04 3E-03 2E-04 3E-04 3E-04	1.17E-02	7.30E-01 7.3	2E.
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Jeneral Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Chrysene Dibenzofuran Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 1,1-Dichlorobethylether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromemethane	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 230440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 4117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 3.00E-03 1.00E-04 5.00E-03 3.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01 1.00E-01	2E-00 6E-05 1E-01	1.17E-02	7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-01 1.0E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 1.50E-01 1.0E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 1.50E-02 7.50E-02 8.40E-02	2E.
AOI 35	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]juntracene Benzo[a]juntracene Benzo[a]juntracene Benzo[a]juntracene Benzo[a]hinoranthene Benzo[a]hjanthracene Dibenzofiran Fluoranthene Lideno(1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Arcolor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439965 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 111444 117817 8748 621647 8765 71556 7156 71	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03	2E+00 6E-05 1E-01	1.17E-02	Total 1.50E+00	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]nthracene Benzo[a]nthracene Dibenzafiran Fluoranthene Chrysene Dibenzafiran Fluoranthene Penzo[k]fluoranthene Dibenzafiran Fluoranthene Chrysene Dibenzafiran Fluoranthene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Indeno[1,2,3-e,d]pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Elrylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride)	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965_NF 7439965 31269 2007889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 77503 774873	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 7.00E-04 7.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	2E+00 6E-05 1E-01	1.17E-02	Total 1.50E+00 7.30E-01 7.30E-01 7.30E-01 7.30E-01 7.30E-02 7.30E-01	2E
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]inyrene Benzo[a]hintracene Dibenzofiran Eluoranthene Benzo[a]hjanthracene Dibenzofiran Fluorantene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Tichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibromomethane Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride)	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 771556 779005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-02 1.00E-03 1.00E-04 5.00E-03 3.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-03	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 8E-01 6E-03	1.17E-02	Total 1.50E+00	2E-
AOI 35	Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]jnuranthene Benzo[a]jnuranthene Benzo[a]jnuranthene Benzo[a]jnuranthene Benzo[a]hjnuranthene Benzo[b]fluoranthene Benzo[a]hjnuranthene Benzo[a]hjnuranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Piberozena Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,6-Dinitro-oresol 4,1-Trichlorothane 1,2-Trichlorothane 1,1-Trichlorothane 1,2-Dichlorothane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439965 83329 265932 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 110447 117817 86748 661647 878765 771556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75902	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-02 5.00E-03	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 2E-02 2E-02 2E-02 2E-03	1.17E-02	Total 1.50E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Jeneral Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Chloroethane (Hethyl chloride) Chloromethane Chloroethane (Ethyl chloride)	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 236440 86737 193395 91203 85018 129000 11096825 106467 660202 534521 110444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 124481 75003 75092 100414	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-04 4.00E-02 4.00E-03 4.00E-03 4.00E-04 4.00E-02 4.00E-03 4.00E-04 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-04 4.00E-03	2E-00 6E-05 1E-01	1.17E-02	7.30E-01	2E-
AOI 35	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]jnthracene Benzo[a]jnthracene Benzo[a]jnthracene Benzo[a]jnthracene Benzo[a]hjnthracene Dibenzofuran Fluoranthene Fluorene Benzo[h]fluoranthene Benzo[h]fluoranthene Benzo[h]fluoranthene Benzo[h]fluoranthene Fluorene Dibenzofuran Fluoranthene Fluorene Alphanthracene Dibenzofuran Fluoranthene Fluorene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloromethane (Methyl chloride) cis-1,2-Dichloromethane Ethylbenzene Ettylbenzene Tetrachloroethene	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439965 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 75343 96184 107062 540590 67641 71432 124481 175003 74873 156592 75092 75092 75092 75092	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-01 3.00E-02 9.00E-02 9.00E-02 1.00E-01 1.00E-01 3.00E-02 9.00E-02 1.00E-01	2E+00 6E-05 1E-01 1E-01 1E-01 1E-01 1E-02 8E-02 8E-01 6E-03	1.17E-02	Total 1.50E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Jeneral Selenium Silver Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]nthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride) Chloromethane (Chloroethane (Hethyl chloride) Chloromethane Chloroethane (Ethyl chloride)	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 236440 86737 193395 91203 85018 129000 11096825 106467 660202 534521 110444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 124481 75003 75092 100414	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-04 3.00E-03 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-04 4.00E-02 4.00E-03 4.00E-03 4.00E-04 4.00E-02 4.00E-03 4.00E-04 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-04 4.00E-03	2E-00 6E-05 1E-01	1.17E-02	Total Total 1.50E+00	2E-
AOI 35	Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mereury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]nathracene Dibenz/a,h]anthracene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Artoclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eltrylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane Chloroethane Ethylbenzene Tetrachloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	75014_A 1330207 7440360 7440382 74403932 7440439_W 17439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 260593 218019 35703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445 87865 771556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 3.12E-01 1.50E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E-00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-04 5.00E-02 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-01 6.00E-03 3.00E-02 1.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01	2E-00 6E-05 1E-01	1.17E-02	Total 1.50E+00	2E-
AOI 35	Antimony Arsenic Barium Cadmium Cadmium Chromium Manganese Mercury Selenium Silver Senzo[a]anthracene Benzo[a]apyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]hjuoranthene Benzo[a]hjuoranthene Benzo[a]hjanthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroettyl)ether bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorodibrommethane Chlorodibrommethane Chlorodibrommethane Chloromethane Ethyl chloride) Chloromethane Ethylecnee Tetrachloroethene Totulene Trichloroethene	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647 87865 71556 671647 87865 71556 671647 87865 71556 61647 87865 71556 61647 87865 71556 61647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 71566	1.92E-01 4.44E-03 9.50E-03 3.12E-01 1.50E-03 2.10E-03 5.80E-01 6.70E-05 7.40E-03 ND	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 5.00E-03 1.00E-04 5.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	2E+00 6E-05 1E-01	1.17E-02	Total 1.50E+00	8: 8: 6: 2: 11:

AOI 36	Chemical	CAS Number	Cgw (mg/L)	sumptions Not RME HIFNC	ncancer Risk Oral RfD	RiskNC	C RME HIFC	Cancer Risk Oral SF	Ris
	Antimony	7440360		2.74E-02	4.00E-04		1.17E-02		-
	Arsenic Barium		7.50E-03 3.08E-01	2.74E-02 2.74E-02	3.00E-04 7.00E-02	7E-01 1E-01	1.17E-02 1.17E-02	1.50E+00	1E-
	Cadmium	7440439 W	1.90E-03	2.74E-02 2.74E-02	5.00E-02	1E-01	1.17E-02 1.17E-02		
	Chromium	18540299 VI	2.60E-02	2.74E-02 2.74E-02	3.00E-04 3.00E-03	2E-01	1.17E-02 1.17E-02		
	Manganese	7439965_NF	1.21E-01	2.74E-02 2.74E-02	2.00E-02	2E-01	1.17E-02		
	Mercury	7439976	6.20E-05	2.74E-02	3.00E-04	6E-03	1.17E-02		
	Selenium		6.00E-03	2.74E-02	5.00E-03	3E-02	1.17E-02		
	Silver		3.00E-03	2.74E-02	5.00E-03	2E-02	1.17E-02		
	2-Methylnaphthalene	91576	ND	2.74E-02	2.00E-02		1.17E-02		
	Acenaphthene Benzo[a]anthracene	83329 56553	ND ND	2.74E-02 2.74E-02	6.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E=01 7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	
	Chrysene	218019	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Dibenzofuran Fluoranthene	132649		2.74E-02 2.74E-02	4.00E-03		1.17E-02		
	Fluorantnene Fluorene	206440 86737	ND ND	2.74E-02 2.74E-02	4.00E-02 4.00E-02		1.17E-02 1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene	91203	ND	2.74E-02	2.00E-02		1.17E-02		
	Phenanthrene	85018	ND	2.74E-02	2.00E-02		1.17E-02		
	Pyrene	129000	1.00E-04	2.74E-02	3.00E-02	9E-05	1.17E-02		
	Aroclor-1260	11096825		2.74E-02	2.00E-05		1.17E-02	2.00E+00	
	1,4-Dichlorobenzene	106467	ND	2.74E-02	3.00E-02		1.17E-02	2.40E-02	
	2,6-Dinitrotoluene 4,6-Dinitro-o-cresol	606202 534521	ND ND	2.74E-02 2.74E-02	1.00E-03 1.00E-04		1.17E-02 1.17E-02	6.80E-01	
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02			1.17E-02	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	1.44E-03	2.74E-02	2.00E-02	2E-03	1.17E-02	1.40E-02	2E
	Carbazole	86748	ND	2.74E-02			1.17E-02	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	2.74E-02			1.17E-02	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	2.74E-02	3.00E-02		1.17E-02	1.20E-01	
	1,1,1-Trichloroethane	71556	ND	2.74E-02	2.80E-01		1.17E-02	5 70E 02	
	1,1,2-Trichloroethane 1,1-Dichloroethane	79005 75343	ND 3.78E-03	2.74E-02 2.74E-02	4.00E-03 1.00E-01	1E-03	1.17E-02 1.17E-02	5.70E-02	
	1,2,3-Trichloropropane	96184	3.78E-03 ND	2.74E-02 2.74E-02	6.00E-01	1E-03	1.17E-02 1.17E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-02	3.00E-02		1.17E-02	9.10E-02	
	1,2-Dichloroethene	540590	2.98E-03	2.74E-02	9.00E-03	9E-03	1.17E-02		
	Acetone	67641	ND	2.74E-02	1.00E-01		1.17E-02		
	Benzene	71432	ND	2.74E-02	3.00E-03		1.17E-02	5.50E-02	
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	
	Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	75003 74873	ND ND	2.74E-02 2.74E-02	4.00E-01		1.17E-02 1.17E-02	2.90E-03 1.30E-02	
	cis-1,2-Dichloroethene		1.54E-03	2.74E-02 2.74E-02	1.00E-02	4E-03	1.17E-02 1.17E-02	1.3012-02	
	Dichloromethane	75092	1.15E-03	2.74E-02	6.00E-02	5E-04	1.17E-02	7.50E-03	1E
	Ethylbenzene	100414	ND	2.74E-02	1.00E-01		1.17E-02		
	Tetrachloroethene	127184	ND	2.74E-02	1.00E-02		1.17E-02	5.20E-02	
	Toluene	108883	ND	2.74E-02	2.00E-01		1.17E-02		
	Trichloroethene	79016	ND	2.74E-02	3.00E-04		1.17E-02	1.10E-02	
	Vinyl Chloride Xylenes (Total)	75014_A 1330207	3.84E-03 ND	2.74E-02 2.74E-02	3.00E-03 2.00E+00	4E-02	1.17E-02 1.17E-02	7.20E-01	3E
AOI 37	Antimony	7440360		2.74E-02	4.00E-04		1.17E-02		
	Arsenic Barium	7440382 7440393		2.74E-02	3.00E-04		1.17E-02 1.17E-02	1.50E+00	
	Cadmium	7440439 W		2.74E-02 2.74E-02	7.00E-02 5.00E-04		1.17E-02 1.17E-02		
	Chromium	18540299 VI		2.74E-02 2.74E-02	3.00E-04 3.00E-03		1.17E-02 1.17E-02		
	Manganese	7439965 NF		2.74E-02	2.00E-02		1.17E-02		
	Mercury	7439976		2.74E-02	3.00E-04		1.17E-02		
	Selenium	7782492		2.74E-02	5.00E-03		1.17E-02		
	Silver	7440224		2.74E-02	5.00E-03		1.17E-02		
	2-Methylnaphthalene		1.70E-01	2.74E-02	2.00E-02	2E-01	1.17E-02		
	Acenaphthene	83329	1.91E-02	2.74E-02	6.00E-02 2.00E-02	9E-03	1.17E-02		
	Benzo[a]anthracene	5,5553	ND	2.74E-02	2.00E-02		1.17E-02		
	Danzo[a]nurana	56553					1 175 02	7.30E-01	
	Benzo[a]pyrene Benzo[b]fluoranthene	50328	ND 2.00E-04	2.74E-02 2.74E-02	2.00E-02 2.00E-02		1.17E-02 1.17E-02	7.30E+00	
	Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene	50328		2.74E-02 2.74E-02 2.74E-02	2.00E-02	3E-04 3E-04	1.17E-02 1.17E-02 1.17E-02		2E
	Benzo[b]fluoranthene	50328 205992	2.00E-04	2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02	3E-04	1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03	2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene	50328 205992 207089 218019 53703	2.00E-04 2.00E-04 4.00E-04 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	3E-04 3E-04 5E-04	1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran	50328 205992 207089 218019 53703 132649	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	3E-04 3E-04 5E-04 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	50328 205992 207089 218019 53703 132649 206440	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene	50328 205992 207089 218019 53703 132649 206440 86737	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03	3E-04 3E-04 5E-04 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene	50328 205992 207089 218019 53703 132649 206440 86737 193395	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[an-lanthracene Dibenzofaran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-05	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofuran Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-e,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 1.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-05 3.00E-03 1.00E-03	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofaran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-toluene 4,6-Dinitro-cresol 4-Methylphenol (p-Cresol)	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106445	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND ND ND	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-02 1.00E-02	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzoftran Fluoranthene Fluorantene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-03 1.00E-04 1.00E-04 5.00E-04	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03 5E-02	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[aran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol H-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-03	3E-04 3E-04 5E-04 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[rana Dibenzo[rana Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Eithylhexyl)phthalate Carbazole n-Nitrosodipropylamine	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106444 117817 86748 621647	2.00E-04 2.00E-04 4.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-04 5.00E-03	3E-04 3E-04 5E-04 	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.30E+00 7.30E+02 7.30E+02 7.30E+03 7.30E+00 	2E 2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Dibenzo[ran Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP)	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 3.72E-03 	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 2.00E-04 1.00E-04 1.00E-04 5.00E-03	3E-04 3E-04 5E-04 	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzofaran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 621647 87865 71556	2.00E-04 2.00E-04 4.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-03 1.00E-04 5.00E-02 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03 5E-02 2E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 	2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Dibenzo[ran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 116444 117817 86748 621647 87865 79005	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND ND ND 9.00E-03 1.30E-02 1.00E-03 ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-03 1.00E-03 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03 5E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)chter bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	2.00E-04 2.00E-04 ND 2.16E-03 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 - ND ND 9.00E-03 ND 1.30E-02 1.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-03 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 3E-03 2E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[na], a], alnatracene Dibenzo[na], and para le luoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Eliorothyl)ether bis(2-Eliorothyl)e	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 86748 621647 87865 79005 75343 96184	2.00E-04 2.00E-04 4.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND ND ND 9.00E-03 ND 1.30E-02 1.00E-03 ND ND ND	2 74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04 5.00E-02 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 1E-01 3E-03 5E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 5.70E-02 2.00E+00	2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)chter bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 606202 534521 106445 111444 117817 86748 621647 87865 71556	2.00E-04 2.00E-04 ND 2.16E-03 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 - ND ND 9.00E-03 ND 1.30E-02 1.00E-03 ND ND ND ND ND ND ND ND ND ND ND ND ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 3.00E-02 1.00E-03 1.00E-03 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 5E-02 2E-02 	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Fluoranthene Fluorene Fluorene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND 9.00E-03 ND 1.30E-02 1.00E-03 ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 3.00E-02 1.00E-04 5.00E-03 	3E-04 3E-04 5E-04 1E-01 2E-03 2E-02 6E-03 5E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 2.00E-02 5.70E-02 2.00E+00	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-0-cresol 4,6-Dinitro-0-cresol 4,6-Dinitro-0-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene	50328 205992 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 1.00E-03 1.00E-03 	3E-04 3E-04 5E-04 5E-04 5E-02 5E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E-00 9.10E-02	2E 2E 2E 2E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[rana Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 51096825 106467 606202 534521 106445 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND ND 1.30E-02 1.00E-03 ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02 1.00E-03 3.00E-02	3E-04 3E-04	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-02 7.00E-00 7.00E-00 7.00E-00 7.00E-00 7.00E-02 7.00E-02 7.00E-02 8.40E-02 8.40E-02	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Fluoranthene Fluorene Fluorene Fluorene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-3-Trichloroptopnen 1,2-Dichloroethane	50328 205992 207089 218019 33703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 71556 79005 75343 96184 107062 540590 67641 71432 124481	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND 9.00E-03 ND 1.30E-02 1.00E-03 ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	3E-04 3E-04 3E-04 1E-01 2E-03 2E-02 2E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-02 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 8.40E-02	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Fluoranthene Fluorant Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene 2,6-Dinitro-1260 1,4-Dichlorobenzene 2,6-Dinitro-0-cresol 4,6-Dinitro-0-cresol 4,6-Dinitro-0-cresol bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 775343 96184 107062 540590 67641 71432 124481 75003 74873	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 7.00 ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 2.00E-02 2.00E-02 2.00E-03 3.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03 1.00E-01 4.00E-03	3E-04 3E-04 3E-04	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-02 7.00E-00 7.00E-00 7.00E-00 7.00E-00 7.00E-02 7.00E-02 7.00E-02 8.40E-02 8.40E-02	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[naran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-cersol 4-Methylpheno[(p-Cresol) bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorobenzene 1,1-Frichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 79505 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592	2.00E-04 2.00E-04 1.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND ND 9.00E-03 ND	2.74E-02 2.74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-05 3.00E-02 1.00E-03 1.00E-04 4.00E-03 1.00E-03 1.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 2.80E-01 4.00E-03 3.00E-02 2.80E-01	3E-04 3E-04 3E-04 3E-04 3E-04 3E-03	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 7.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02	2E 2
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Dibenzo[ran Fluoran Fluoranthene Fluorene Naphthalene Phenanthrene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Ji-Chloroethane 1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1064467 606202 534521 106445 111444 117817 86748 621647 87865 775343 96184 107062 540590 67641 117432 124481 75003 74873 156592 75092	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 7.00E-03 ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 2.00E-03 1.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 0.0E-03 1.00E-03 1.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-02 4.00E-03 1.00E-03 1.00E-03 1.00E-03 2.00E-02 2.00E-02	3E-04 3E-04 3E-04	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-01 5.70E-02 2.00E-00 9.10E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 7.50E-03	2E 2E 2E 2E 1E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran] Dibenzo[ran] Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethone Benzene Chlorodibrommentane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Methyl chloride) Cis-1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1117817 87865 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	2.00E-04 2.00E-04 1.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 - ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-04 4.00E-03 1.00E-01 4.00E-03 1.00E-01	3E-04 3E-04 3E-04 3E-04 3E-04 3E-03	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.00E-02 7.00E-02 7.00E-02 7.00E-02 7.550E-02 8.40E-02 2.90E-03 1.30E-03 7.50E-03	2E 2E 2E 2E 1E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[nan Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106444 117817 86748 621647 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 12481 12503 74873 75003 74873 156592 75092	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND ND 9.00E-03 ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-02 1.00E-03	3E-04 3E-04 3E-04 1E-01 2E-03 2E-02	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E-00 1.40E-02 2.00E-01 5.70E-02 2.00E-00 9.10E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 8.40E-02 7.50E-03	2E 2E 2E 2E 1E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran] Dibenzo[ran] Fluoranthene Fluorane Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-c-resol 4-Methylphenol (p-Cresol) bis(2-Chloroethy)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chloroethone Benzene Chlorodibrommentane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Methyl chloride) Cis-1,2-Dichloroethane	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106444 117817 86748 621647 87865 71556 779005 75343 96184 107062 540590 67641 71432 124481 12481 12503 74873 75003 74873 156592 75092	2.00E-04 2.00E-04 1.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 - ND	2 74E-02 2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 1.00E-03 1.00E-03 1.00E-01 1.00E-03 1.00E-04 4.00E-03 1.00E-01 4.00E-03 1.00E-01	3E-04 3E-04 3E-04 3E-04 3E-04 3E-04 3E-03	1.17E-02	7.30E-00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-00 7.00E+00 2.0E-01 5.70E-02 2.00E+00 9.10E-02 2.00E+00 9.10E-02 7.50E-03 1.30E-03	2E 2E 3E
	Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[ran Dibenzo[ran Dibenzo[ran Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol 4,6-Dinitro-o-cresol bis(2-Chloroethy]chter bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,2,3-Trichloroethane 1,2-Dichloroethane Ethylenzene Ethylenzene Ettyllenzene Tetrachloroethene Toluene	50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817 86748 621647 87865 77503 6184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	2.00E-04 2.00E-04 ND 2.16E-02 3.40E-03 3.55E-02 ND 4.31E-03 8.04E-02 3.72E-03 ND	2 74E-02	2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 4.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01	3E-04 3E-04 3E-04 1E-01 2E-03 2E-02 - 6E-03 1E-01 3E-03	1.17E-02	7.30E-00 7.30E-01 7.30E-01 7.30E-03 7.30E-00 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.00E+00 9.10E-02 2.00E-02 5.70E-02 5.50E-02 8.40E-02 2.90E-03 7.50E-03 7.50E-03	2E 2E 2E 2E 1E

AOI	Chemical	CAS Number	Cgw		ncancer Risk			ancer Risk	
1017-	A - 1		(mg/L)	RME HIFNO		RiskNC	RME HIFC	Oral SF	Risk
AOI 38	Antimony Arsenic	7440360	1.38E-02	2.74E-02 2.74E-02	4.00E-04 3.00E-04	1E+00	1.17E-02 1.17E-02	1.50E+00	2E-0
	Barium		5.47E-01	2.74E=02 2.74E=02	7.00E-02	2E-01	1.17E-02 1.17E-02	1.50E+00	2E-0
	Cadmium	7440439 W	1.34E-03	2.74E-02	5.00E-04	7E-02	1.17E-02		
	Chromium	18540299_VI	1.81E-02	2.74E-02	3.00E-03	2E-01	1.17E-02		
	Manganese	7439965_NF	1.13E+00	2.74E-02	2.00E-02	2E+00	1.17E-02		
	Mercury		5.40E-05	2.74E-02	3.00E-04	5E-03	1.17E-02		
	Selenium Silver		8.64E-03 6.78E-03	2.74E-02 2.74E-02	5.00E-03 5.00E-03	5E-02 4E-02	1.17E-02 1.17E-02		
	2-Methylnaphthalene		6.78E-03 6.50E-01	2.74E-02 2.74E-02	2.00E-02	9E-01	1.17E-02 1.17E-02		
	Acenaphthene		1.45E-02	2.74E-02	6.00E-02	7E-03	1.17E-02		
	Benzo[a]anthracene		1.20E-02	2.74E-02	2.00E-02	2E-02	1.17E-02	7.30E-01	1E-
	Benzo[a]pyrene		6.20E-03	2.74E-02	2.00E-02	8E-03	1.17E-02	7.30E+00	5E-
	Benzo[b]fluoranthene	205992	1.00E-02	2.74E-02	2.00E-02	1E-02	1.17E-02	7.30E-01	9E-
	Benzo[k]fluoranthene		4.80E-03	2.74E-02	2.00E-02	7E-03	1.17E-02	7.30E-02 7.30E-03	4E-
	Chrysene Dibenz[a,h]anthracene	218019 53703	1.36E-02 3.00E-04	2.74E-02 2.74E-02	2.00E-02 2.00E-02	2E-02 4E-04	1.17E-02 1.17E-02	7.30E-03 7.30E+00	1E-0
	Dibenzofuran	132649	6.68E-02	2.74E-02	4.00E-03	5E-01	1.17E-02	7.50E.00	JL-
	Fluoranthene	206440	1.40E-02	2.74E-02	4.00E-02	1E-02	1.17E-02		
	Fluorene	86737	1.80E-02	2.74E-02	4.00E-02	1E-02	1.17E-02		
	Indeno[1,2,3-c,d]pyrene		2.00E-03	2.74E-02	2.00E-02	3E-03	1.17E-02	7.30E-01	2E-
	Naphthalene		7.72E-02	2.74E-02	2.00E-02	1E-01	1.17E-02		
	Phenanthrene		4.77E-02 1.01E-02	2.74E-02 2.74E-02	2.00E-02	7E-02 9E-03	1.17E-02		
	Pyrene Aroclor-1260	11096825	ND	2.74E-02 2.74E-02	3.00E-02 2.00E-05	9E-03	1.17E-02 1.17E-02	2.00E+00	-
	1,4-Dichlorobenzene		1.38E-02	2.74E-02	3.00E-02	1E-02	1.17E-02	2.40E-02	4E-
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02	2.005.02	 5E 02	1.17E-02	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	3.81E-02	2.74E-02	2.00E-02	5E-02	1.17E-02	1.40E-02	6E-
	Carbazole n-Nitrosodipropylamine	86748 621647	1.27E-02 ND	2.74E-02 2.74E-02			1.17E-02 1.17E-02	2.00E-02 7.00E+00	3E-
	Pentachlorophenol (PCP)		3.00E-03	2.74E-02 2.74E-02	3.00E-02	3E-03	1.17E-02 1.17E-02	1.20E-01	4E-
	1,1,1-Trichloroethane		3.17E-01	2.74E-02 2.74E-02	2.80E-01	3E-03	1.17E-02 1.17E-02	1.2012-01	41.
	1,1,2-Trichloroethane		3.07E-03	2.74E-02	4.00E-03	2E-02	1.17E-02	5.70E-02	2E-
	1,1-Dichloroethane	75343	1.30E-01	2.74E-02	1.00E-01	4E-02	1.17E-02		
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	
	1,2-Dichloroethane	107062	1.00E-03	2.74E-02	3.00E-02	9E-04	1.17E-02	9.10E-02	IE-
	1,2-Dichloroethene		4.37E-01 6.59E-03	2.74E-02	9.00E-03	1E+00	1.17E-02		
	Acetone Benzene	67641 71432	1.00E-02	2.74E-02 2.74E-02	1.00E-01 3.00E-03	2E-03 9E-02	1.17E-02 1.17E-02	5.50E-02	6E-
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02	JL-02	1.17E-02	8.40E-02	OL-
	Chloroethane (Ethyl chloride)	75003	3.13E-02	2.74E-02	4.00E-01	2E-03	1.17E-02	2.90E-03	1E-
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	
	cis-1,2-Dichloroethene	156592	7.25E-01	2.74E-02	1.00E-02	2E+00	1.17E-02		
	Dichloromethane		2.43E-03	2.74E-02	6.00E-02	1E-03	1.17E-02	7.50E-03	2E-
	Ethylbenzene		4.14E-02	2.74E-02	1.00E-01	1E-02	1.17E-02	 	25.
	Tetrachloroethene Toluene		3.40E-03	2.74E-02	1.00E-02	9E-03	1.17E-02	5.20E-02	2E-
		100003	1.37E-02	2.74E-02	2.00E-01	2E-03	1.17E-02		
		79016	3.63E-02	2.74F=02	3 00F=04	3E+00	1.17F=02	1.10F=02	
	Trichloroethene Vinyl Chloride	75014_A	3.63E-02 6.95E-02	2.74E-02 2.74E-02	3.00E-04 3.00E-03	6E-01	1.17E-02 1.17E-02	1.10E-02 7.20E-01	
	Trichloroethene	75014_A							6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total)	75014_A	6.95E-02	2.74E-02	3.00E-03 2.00E+00	6E-01 8E-04	1.17E-02	7.20E-01	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total)	75014_A 1330207	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total	6E-01 8E-04 1E+01	1.17E-02 1.17E-02	7.20E-01	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium	75014_A 1330207 7440360 7440382 7440393	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium	75014_A 1330207 7440360 7440382 7440393 7440439_W	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	75014_A 1330207 7440360 7440382 7440439_W 1854029_VI 7439965_NF	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese	75014_A 1330207 7440360 7440382 7440439_W 1854029_VI 7439965_NF	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439976 7782492	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-04 5.00E-03	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver	75014_A 1330207 7440360 7440382 744039_W 18540299_VI 7439965_NF 7439976 7782492 7440224	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-02 3.00E-03 5.00E-03	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene	75014_A 1330207 7440360 7440382 7440439_W 18540299_V1 7439965_NF 7439965_NF 7439965_NF 7440224 91576 83329 56553	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-03 2.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene	75014_A 1330207 7440360 7440382 7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 3.00E-03 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]Huoranthene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540229_VI 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	75014_A 1330207 7440360 7440382 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01	2E-
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Acenaphthene Benzo[a]pryene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-04 3.00E-04 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-03	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Benzo[b]fluoranthene	75014_A 1330207 7440360 7440382 7440439_W 18540299_V1 7439965_NF 7439976 7782492 7440224 91576 83329 56553 50328 205992 207089	6.95E-02 5.61E-02	2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02 2.74E-02	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[a, h]anthracene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenzofuran Fluoranthene	75014_A 1330207 7440380 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965 83329 565533 50528 207089 218019 53703 132649 206440	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-03 7.30E+00	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]anthracene Dibenz[a, h]anthracene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03	6E-01 8E-04 1E+01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E+01 7.30E-02 7.30E-03 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Selenium Benzo(a]pyrene Benzo(b]fluoranthene Benzo(a)fluoranthene Chrysene Dibenz(a,b,lanthracene Dibenz(a,b,lanthracene Dibenz(a,b,lanthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluorene Fluorene	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-03 4.00E-03 4.00E-03	6E-01 8E-04 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 2070899 218019 3703 132649 206440 86737 193395 91203	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	6E-01 8E-04 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E+00 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]horanthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E-01	1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-00 7.30E-01 7.30E-01	6E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene	75014_A 1330207 7440360 7440382 7440393 7440439_W 18540299_VI 7439965_NF 7439965 7782492 7440224 91576 83329 56553 50328 205992 2070899 218019 3703 132649 206440 86737 193395 91203	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 4.00E-02	6E-01 8E-04 1E-01	1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02 1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-03 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenzofuran Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenene	75014_A 1330207 7440360 7440382 7440439_W 1854029_VI 7439965_NF 7439976 7782492 7440224 91576 83329 565532 207089 218019 53703 132649 266440 86737 19399 91203 85018 85018	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 4.00E-02 4.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-03 7.30E-00 7.30E-00 7.30E-01 7.30E-01 7.30E-01 7.30E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apvrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,c]a,b]amthracene Dibenzofuran Fluoranthene Fluoranthene Fluorene Indene[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106462	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]anthracene Dibenz[a,b]anthracenee	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 1196825 106467 666202 534521	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 3.00E-03 2.00E-02 2.00E-03 3.00E-03 3.00E-03 2.00E-02 2.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03	6E-01 8E-04 1E+01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]amthracene Benzo[a]amthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]fluoranthene Chrysene Benzo[k]fluoranthene Fluoranthene Chrysene Indeno[1,2,3-c,d]pyrene Naphthalene Fluorene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol)	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106467 666202 534521 106447	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E+00 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.00E+00 2.40E-02 6.80E-01	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]myrene Benzo[a]myrene Benzo[a]myrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Fluoranthene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 4,6-Dinitrotoluene	75014_A 1330207 7440360 7440382 7440393 7440439_W 7439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 8518 129000 11996825 106467 666020 534521 106467	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 4.00E-02 2.00E-02 2.00E-03 3.00E-04	6E-01 8E-04 1E+01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E+01	1.17E-02	7.20E-01	6E
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]aptrene Benzo[a]aptrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]amthracene Dibenz	75014_A 1330207 7440380 7440382 7440439_W 18540299_VI 7439965_NF 7439965_NF 7439965_NF 7439965_NF 7439965 83329 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 66602 534521 106445 111444 117817 86748	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-03 2.00E-02 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 3.00E-03 4.00E-02 2.00E-02 2.00E-03 3.00E-04	6E-01 8E-04 1E-01	1.17E-02	7.20E-01 Total 1.50E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenzofuran Fluoranthene Fluoranthene Indeno[1,2,3-c,d]pyrene Naphthalene Naphthalene Naphthalene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-cresol 4-Methylphenol (p-Cresol) bis(2-Ethylbexyl)phthalate	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 106445 111444 117817	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 1.00E-02	6E-01 8E-04 1E+01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 1.00E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]hjnuoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a, h]an	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-04 5.00E-03	6E-01 8E-04 1E+01	1.17E-02	7.20E-01 Total 1.50E+00	6E-
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,d]a,b]amtracene Dibenz[a,d]a,b]a,b]a,b]a,b]a,b]a,b]a,b]a,b]a,b]a,b	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106645 111444 117817 86748 621647 87865	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E-04 7.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04	6E-01 8E-04 1E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-07 1.00E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]amtracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,b]am	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 7439965_NF 7439965 7439965 7439965 83329 2655328 205992 207089 218019 53703 132649 206440 86737 193995 91203 85018 129000 11096825 1104467 606202 534521 1064461 111444 1178117 86748 621647 87865 79005 75343	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-03 5.00E-03 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-03 8E-03 8E-03 8E-03	1.17E-02	7.20E-01 Total 1.50E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[k]fluoranthene Chrysene Dibenz[a, h]anthracene Dibenz[a	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 206440 86737 19395 91203 85018 129000 11096825 106467 666202 534521 106445 117817 86748 621647 87865 71556 79005 75343 96184	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 3.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 3.00E-04 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 3.00E-04 4.00E-03 1.00E-04	6E-01 8E-04 1E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-00 1.20E-01 5.70E-02 2.00E+00	6E-
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Accenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Benzo[b]fluoranthene Chrysene Ibenza[b]fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Aphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Aroelor-1260 1,4-Dichloroebnzene 2,6-Dinitrotoluene 4,6-Dinitro-c-cresol 4,6-Dinitro-c-cresol bis(2-Ethylbexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Trichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 111444 117817 86748 621647 87865 71556 79005 75343	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-04 3.00E-03 2.00E-02 3.00E-03 2.00E-02 2.00E-03 4.00E-03 4.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-01	6E-01 8E-03 1	1.17E-02	7.20E-01 Total 1.50E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[a]mthracene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]hanthracene Dibenz[a,h]hanthracene Dibenz[a,h]hanthracene Dibenz[a,h]nthracene Dibenz[a	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666020 534521 1166445 117817 86748 621647 87865 779005 75343 96184 107062 54559	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E-00 Total 4.00E-04 7.00E-02 5.00E-04 5.00E-03 2.00E-02 6.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 1.00E-03 1.00E-04 5.00E-03 1.00E-04 5.00E-02 2.00E-02 2.00E-02	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01 8E-01 8E-02 8E-02 8E-02 8E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E+00 1.20E-01 5.70E-02 2.00E+00 9.10E-02	6E
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver Selenium Silver Benzo[a]anthracene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]oranthene Fluoranthene Fluoranthene Fluoranthene Pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 4,6-Dinitrocresol 4-Methylphenol (p-Cresol) bis(2-Ckloroethyl)ether bis(2-Ektrylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichlororothane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1106447 606202 534521 106445 1111444 117817 86748 621647 87865 71556 719005 75343 96184 107062 540590 67641	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-02 2.00E-02 3.00E-02 1.00E-03 1.00E-04	6E-01 SE-03 SE-03	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-01 7.30E-02 7.30E-01 2.00E+00 2.40E-02 6.80E-01 2.00E+00 1.40E-02 2.00E-00 1.20E-01 2.00E+00 9.10E-02	6E-
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]amtracene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,c]a,b]amtracene Dibenz[a,b]amtracene Dibenz[a,b]amtrac	75014_A 1330207 7440360 7440382 7440439_W 7439965_NF 74399765 7782492 7440224 91576 83329 565533 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 1104467 606202 534521 1106445 1111444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 107062 540590 67641 107062 540590 67641 107062 540590 67641	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01 8E-01 8E-02 8E-02 8E-02 8E-01	1.17E-02	7.20E-01 Total 1.50E+00	6E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a, h]anthracene D	75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 230440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 106445 4117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-01 8E-01 8E-01 8E-01 8E-03 8E-03 8E-03 8E-03 8E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 5.70E-02 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	3E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,c]a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,c]a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,c]a,b]amthracene Dibenz[a,b]amthracene Dibenz[a,c]a,c]a,d]pyrene Naphthalene Phenanthrene Phenanthrene Phenanthrene Phenanthrenoi (p-Cresol) bis(2-Ethylnevi)phthalate Carbazole n-Nitrosodipropylamine Pentachloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439965 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606020 534521 106445 1111444 117817 86748 621647 87865 771556 79005 75343 96184 107062 540590 67641 171432 124481	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E-04 3.00E-04 3.00E-04 3.00E-03 3.00E-03 3.00E-03 5.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-01 8E-02 8E-02 8E-02 8E-01 8E-02 8E-01 5E-01 8E-01 5E-01 8E-02 8E-01 8E-02 8E-02 8E-02 8E-02 8E-02 8E-02 8E-01 8E-02 8E-0	1.17E-02	7.20E-01	3E-SE-SE-SE-SE-SE-SE-SE-SE-SE-SE-SE-SE-SE
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a, h]anthracene D	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965_NF 7439965 31269 2007889 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445 117817 87865 779005 75343 96184 107062 540590 67641 71432 124481 77503 774873	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03	6E-01 SE-03 SE-03	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-01 5.70E-02 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02	3E-
XOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]apyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[a,h]anthracene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1-2-Dichloroethane 1,2-3-Dichloroethane 1,2-3-Dichloroethene Acetone Benzene Chloroethane (Ethyl chloride) Chloromethane (Ethyl chloride)	75014_A 1330207 7440360 7440382 7440393 7440439_W 17439965_NF 7439965 7782492 7440224 91576 83329 267089 218019 53703 132649 206440 86737, 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 77556 775343 96184 107062 540590 67641 71432 124481 159003 74873	6.95E-02 5.61E-02	2.74E-02 2.74E-02	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 4.00E-04 4.00E-04 4.00E-02 5.00E-03 2.00E-02 2.00E-03 3.00E-04 5.00E-03 1.00E-01 6.00E-03 1.00E-01 6.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-01	1.17E-02	7.20E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Chrysene Dibenz[a,h]anthracene La,-Dibenz[a,h]anthracene Dibenz[a,h]anthracene Dibenz[75014_A 1330207 7440360 7440382 7440439_W 18540299_VI 7439965_NF 7439976 7782492 7440224 91576 83329 207089 218019 236440 86737 193395 91203 85018 129000 11096825 106467 660202 534521 110444 117817 86748 621647 87865 79005 75343 96184 107062 540590 67641 71432 540590 67641 71432 124481 75003 75092 100414	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 3.00E-04 3.00E-03 2.00E-02 5.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-02 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-03 4.00E-04 4.00E-04 4.00E-03 4.00E-04 4.00E-04 4.00E-03 4.00E-04 4.00E-04 4.00E-04 4.00E-04 4.00E-04 4.00E-04 4.00E-04 4.00E-04	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01	1.17E-02	7.20E-01 Total 1.50E+00 7.30E-01 7.30E-02 7.30E-03 7.30E-01 7.30E-01 2.00E+00 2.40E-02 6.80E-01 1.10E+00 1.40E-02 2.00E-02 7.50E-02 5.70E-02 2.00E+00 9.10E-02 5.50E-02 8.40E-02 2.90E-03 1.30E-02	2E-
OI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amthracene Benzo[a]amthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a,b]amthracene Dibenz[a,b]amthracene Dibenzofuran Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene 1,4-Dichloroethene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 4,6-Dinitrotoluene 1,1-Dichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,1-Trichloroethane 1,2-Dichloroethane	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439965 83329 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 106445 1111444 117817 86748 621647 87865 71556 75343 96184 107062 540590 67641 71432 124481 175003 74873 156592 75092 75092 75092 75092	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E-00 Total 4.00E-04 3.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-02 6.00E-03	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-02	1.17E-02	7.20E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Dichloroethane L2-3-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Ethyl chloride) Cis-1,2-Dichloroethene Chloroethane (Ethyl chloride) Cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Totuene Tetrachloroethene Totuene Tetrachloroethene Totuene Tetrachloroethene Totuene	75014_A 1330207 7440360 7440382 74403932 7440439_W 17439965_NF 7439965_NF 7439965 7782492 7440224 91576 83329 260593 218019 35703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 666202 534521 1106445 87865 771556 79005 75343 96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01	1.17E-02	7.20E-01	2E-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]amtracene Benzo[a]amtracene Benzo[a]mtracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[a]pyrene Benzo[b]fluoranthene Chrysene Dibenz[a, h]amtracene Dibenz[a, h]amtrac	75014_A 1330207 7440360 7440382 7440439_W 17439965_NF 7439965_NF 7439976 83329 56553 50328 205992 207089 218019 53703 132649 206440 86737 193395 91203 85018 129000 11096825 106467 606202 534521 11444 117817 86748 621647 87865 71556 671647 87865 71556 671647 87865 71556 61647 87865 71556 61647 87865 71556 61647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 621647 87865 71556 71566	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 4.00E-04 7.00E-02 5.00E-03 2.00E-02 3.00E-04 5.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-02 6.00E-03 6.00E-01 6.00E-03 6.00E-01 6.00E-03 6.00E-01 6.00E-03 6.00E-01 6.00E-01 6.00E-01 6.00E-01 6.00E-01	6E-01 8E-04 1E-01 8E-04 1E-01 1E-01	1.17E-02	7.20E-01	36-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-
AOI SPRR3	Trichloroethene Vinyl Chloride Xylenes (Total) Antimony Arsenic Barium Cadmium Chromium Manganese Mercury Selenium Silver 2-Methylnaphthalene Acenaphthene Benzo[a]anthracene Benzo[a]pyrene Benzo[a]pyrene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[b]fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-c,d]pyrene Naphthalene Phenanthrene Pyrene Aroclor-1260 1,4-Dichlorobenzene 2,6-Dinitro-o-cresol 4-Methylphenol (p-Cresol) bis(2-Chloroethyl)ether bis(2-Ethylhexyl)phthalate Carbazole n-Nitrosodipropylamine Pentachlorophenol (PCP) 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2-3-Trichloroethane 1,2-3-Dichloroethane L2-3-Dichloroethane Chloroethane (Ethyl chloride) Chloromethane Chloroethane (Ethyl chloride) Cis-1,2-Dichloroethene Chloroethane (Ethyl chloride) Cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Totuene Tetrachloroethene Totuene Tetrachloroethene Totuene Tetrachloroethene Totuene	75014_A 1330207 7440360 7440382 7440439 7440439 7440439 7440439 7440439 744024 744024 745024	6.95E-02 5.61E-02	2.74E-02 2.7	3.00E-03 2.00E+00 Total 4.00E-04 7.00E-02 5.00E-04 5.00E-03 2.00E-02 2.00E-03 3.00E-04 5.00E-03 3.00E-04 5.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-03 1.00E-01 1.00E-01	6E-01 8E-04 1E-01 8E-04 1E-01 8E-04 1E-01 8E-01	1.17E-02	7.20E-01	2E-

AOI	Chemical	CAS Number	Cgw	Non	cancer Risk		C	ancer Risk	
AOI	Chemical	CAS Number	(mg/L)	RME HIFNC	Oral RfD	RiskNC	RME HIFC	Oral SF	Risk
AOI SPRR5	Antimony	7440360		2.74E-02	4.00E-04		1.17E-02		-
	Arsenic		3.00E-03	2.74E-02	3.00E-04	3E-01	1.17E-02	1.50E+00	5E-0
	Barium	7440393	1.49E-01	2.74E-02	7.00E-02	6E-02	1.17E-02		
	Cadmium	7440439 W	7.70E-04	2.74E-02	5.00E-04	4E-02	1.17E-02		
	Chromium	18540299 VI	1.40E-03	2.74E-02	3.00E-03	1E-02	1.17E-02		
	Manganese	7439965 NF		2.74E-02	2.00E-02		1.17E-02		
	Mercury	7439976	ND	2.74E-02	3.00E-04		1.17E-02		
	Selenium	7782492	5.00E-03	2.74E-02	5.00E-03	3E-02	1.17E-02		
	Silver	7440224	ND	2.74E-02	5.00E-03		1.17E-02		
	2-Methylnaphthalene	91576	ND	2.74E-02	2.00E-02		1.17E-02		
	Acenaphthene	83329	ND	2.74E-02	6.00E-02		1.17E-02		
	Benzo[a]anthracene	56553	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[a]pyrene	50328	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-02	
	Chrysene	218019	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-03	
	Dibenz[a,h]anthracene	53703	ND	2.74E-02	2.00E-02		1.17E-02	7.30E+00	
	Dibenzofuran	132649		2.74E-02	4.00E-03		1.17E-02		
	Fluoranthene	206440	ND	2.74E-02	4.00E-02		1.17E-02		
	Fluorene	86737	ND	2.74E-02	4.00E-02		1.17E-02		
	Indeno[1,2,3-c,d]pyrene	193395	ND	2.74E-02	2.00E-02		1.17E-02	7.30E-01	
	Naphthalene	91203	ND	2.74E-02	2.00E-02		1.17E-02		
	Phenanthrene	85018	ND	2.74E-02	2.00E-02		1.17E-02		
	Pyrene	129000	ND	2.74E-02	3.00E-02		1.17E-02		
	Aroclor-1260	11096825		2.74E-02	2.00E-05		1.17E-02	2.00E+00	-
	1,4-Dichlorobenzene	106467	ND	2.74E-02	3.00E-02		1.17E-02	2.40E-02	
	2,6-Dinitrotoluene	606202	ND	2.74E-02	1.00E-03		1.17E-02	6.80E-01	-
	4,6-Dinitro-o-cresol	534521	ND	2.74E-02	1.00E-04		1.17E-02		
	4-Methylphenol (p-Cresol)	106445	ND	2.74E-02	5.00E-03		1.17E-02		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-02			1.17E-02	1.10E+00	
	bis(2-Ethylhexyl)phthalate	117817	ND	2.74E-02	2.00E-02		1.17E-02	1.40E-02	
	Carbazole	86748	ND	2.74E-02			1.17E-02	2.00E-02	
	n-Nitrosodipropylamine	621647	ND	2.74E-02			1.17E-02	7.00E+00	
	Pentachlorophenol (PCP)	87865	ND	2.74E-02	3.00E-02		1.17E-02	1.20E-01	
	1,1,1-Trichloroethane		4.00E-03	2.74E-02	2.80E-01	4E-04	1.17E-02		
	1,1,2-Trichloroethane	79005	ND	2.74E-02	4.00E-03		1.17E-02	5.70E-02	-
	1,1-Dichloroethane		8.61E-02	2.74E-02	1.00E-01	2E-02	1.17E-02		
	1,2,3-Trichloropropane	96184	ND	2.74E-02	6.00E-03		1.17E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-02	3.00E-02		1.17E-02	9.10E-02	
	1,2-Dichloroethene		6.09E-02	2.74E-02	9.00E-03	2E-01	1.17E-02		
	Acetone		6.00E-03	2.74E-02	1.00E-01	2E-03	1.17E-02		-
	Benzene		6.05E-01	2.74E-02	3.00E-03	6E+00	1.17E-02	5.50E-02	4E-
	Chlorodibromomethane	124481	ND	2.74E-02	2.00E-02		1.17E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-02	4.00E-01		1.17E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-02			1.17E-02	1.30E-02	
	cis-1,2-Dichloroethene		3.03E-03	2.74E-02	1.00E-02	8E-03	1.17E-02		
	Dichloromethane		2.96E-02	2.74E-02	6.00E-02	1E-02	1.17E-02	7.50E-03	3E-
	Ethylbenzene		9.45E-01	2.74E-02 2.74E-02	1.00E-01	3E-01	1.17E-02	7.5012-05	J1
	Tetrachloroethene		2.00E-03	2.74E-02	1.00E-02	5E-03	1.17E-02	5.20E-02	1E-
	Toluene		2.47E+00	2.74E-02 2.74E-02	2.00E-02	3E-03	1.17E-02	J.20L-02	11.
	Trichloroethene	79016	ND	2.74E-02	3.00E-04		1.17E-02	1.10E-02	
	Vinyl Chloride	75014 A	9.47E-02	2.74E-02 2.74E-02	3.00E-04 3.00E-03	9E-01	1.17E-02 1.17E-02	7.20E-01	8E-
	Xylenes (Total)		7.90E+00	2.74E-02 2.74E-02	2.00E+00	1E-01	1.17E-02 1.17E-02	7.2015-01	OL-
	representation (Total)	1550207	,.,oL.00	2.77L-02	Total	8E+00	1.1/L-02	Total	1E-



			Based on CT	E Assumptions					
AOI	Chemical	CAS Number	Cair	N	Voncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 1	2-Methylnaphthalene	91576	2.25E-03	1.19E-01	2.00E-02	1E-02	1.53E-02		
	Acenaphthene	83329	ND	1.19E-01	6.00E-02		1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	ND	1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	ND	1.19E-01	3.00E-04 3.00E-02		1.53E-02 1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02 1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01 1.19E-01	2.2912-01		1.53E-02 1.53E-02	1.10E+00	
	1,1,1-Trichloroethane		ND		6.30E-01			1.10E±00	
	* *	71556		1.19E-01			1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02	 2 00E+00	
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.19E-01	9.00E-03		1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	1.85E-03	1.19E-01	8.60E-01	3E-04	1.53E-02	1.65E-03	5E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014 A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02	1.502 02	
	Acyteties (Total)	1330207	ND	1.17L-01	Total	1E-02	1.5515-02	Total	5E-08
AOI 12	2-Methylnaphthalene Acenaphthene	91576 83329	ND ND	1.19E-01 1.19E-01	2.00E-02 6.00E-02		1.53E-02 1.53E-02		
	Dibenzofuran	132649		1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	ND	1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	5.00E-05	1.19E-01	3.00E-02	2E-04	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	5.00E-04	1.19E-01	4.00E-03	1E-02	1.53E-02	5.60E-02	4E-07
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02	3.00E 02	
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02 1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.19E-01	9.00E-03		1.53E-02 1.53E-02	7.10E-02	
	,	67641	ND	1.19E-01 1.19E-01	1.00E-01		1.53E-02 1.53E-02		
	Acetone Benzene	71432	ND ND	1.19E-01 1.19E-01	1.70E-03		1.53E-02 1.53E-02	2.90E-02	
	Chlorodibromomethane	124481 75003	ND ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)		ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.19E-01	1.00E-02		1.53E-02	 1.65E-02	
	Dichloromethane	75092	ND	1.19E-01	8.60E-01		1.53E-02	1.65E-03	
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02		
					Total	2E-02		Total	4E-07

		i	Based on CI	E Assumptions	1				
AOI	Chemical	CAS Number	Cair	N	Noncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 12	2 Mathylmanhthalana	91576	6.50E-01	1.19E-01	2.00E-02	4E+00	1.53E-02		
AOI 13	2-Methylnaphthalene								
	Acenaphthene	83329	3.11E-03	1.19E-01	6.00E-02	6E-03	1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	4.58E-03	1.19E-01	4.00E-02	1E-02	1.53E-02		
	Naphthalene	91203	3.82E-02	1.19E-01	9.00E-04	5E+00	1.53E-02		
	Pyrene	129000	2.48E-03	1.19E-01	3.00E-02	1E-02	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02	3.00E 02	
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-01		1.53E-02 1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.19E-01	9.00E-03		1.53E-02		
	Acetone	67641	1.00E-03	1.19E-01	1.00E-01	1E-03	1.53E-02		
	Benzene	71432	1.24E-02	1.19E-01	1.70E-03	9E-01	1.53E-02	2.90E-02	6E-06
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	2.42E-03	1.19E-01	8.60E-01	3E-04	1.53E-02	1.65E-03	6E-08
	Ethylbenzene	100414	1.34E-02	1.19E-01	2.90E-01	6E-03	1.53E-02	3.85E-03	8E-07
	Tetrachloroethene	127184	9.50E-04	1.19E-01	1.40E-01	8E-04	1.53E-02 1.53E-02	1.00E-02	1E-07
	Toluene	108883	1.30E-03	1.19E-01	1.14E-01	1E-03	1.53E-02	 6 00E 02	
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	7.36E-03	1.19E-01	2.00E+00	4E-04	1.53E-02		
					Total	1E+01		Total	7E-06
AOI 19	2-Methylnaphthalene	91576	ND	1.19E-01	2.00E-02		1.53E-02		
AOI 18									
	Acenaphthene	83329	ND	1.19E-01	6.00E-02		1.53E-02		
	Dibenzofuran	132649		1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	ND	1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203	1.50E-04	1.19E-01	9.00E-04	2E-02	1.53E-02		
	Pyrene	129000	ND	1.19E-01	3.00E-02		1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	3.10E-02	1.19E-01	6.30E-01	6E-03	1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	5.00E-04	1.19E-01	1.40E-01	4E-04	1.53E-02	<u></u>	
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02 1.53E-02	9.10E-02	
	· ·								
	1,2-Dichloroethene	540590	ND	1.19E-01	9.00E-03		1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	4.97E-04	1.19E-01	8.60E-01	7E-05	1.53E-02	1.65E-03	1E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02 1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01 1.19E-01	1.14E-01		1.53E-02 1.53E-02		
								 6.00E.03	
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02		
					Total	3E-02		Total	1E-08

		i	Based on CT	E Assumptions					
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 19	2-Methylnaphthalene	91576	1.00E-03	1.19E-01	2.00E-02	6E-03	1.53E-02		
AOI 19	Acenaphthene	83329	4.00E-03	1.19E-01 1.19E-01	6.00E-02	8E-04	1.53E-02 1.53E-02		
	Dibenzofuran	132649		1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	5.00E-04	1.19E-01	4.00E-02	1E-03	1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	ND	1.19E-01	3.00E-02		1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02	3.00E 02	
	1,2,3-Trichloropropane	96184	ND	1.19E-01 1.19E-01	1.40E-01 1.40E-03		1.53E-02 1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.19E-01	9.00E-03		1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	ND	1.19E-01	8.60E-01		1.53E-02 1.53E-02	1.65E-03	
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02		
	•				Total	8E-03		Total	
AOI 20	2-Methylnaphthalene Acenaphthene	91576 83329	3.29E-03 1.50E-03	1.19E-01 1.19E-01	2.00E-02 6.00E-02	2E-02 3E-03	1.53E-02 1.53E-02	 	
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	7.50E-04			2E-03			
				1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203	6.50E-04	1.19E-01	9.00E-04	9E-02	1.53E-02		
	Pyrene	129000	2.50E-05	1.19E-01	3.00E-02	1E-04	1.53E-02		
	1,4-Dichlorobenzene	106467	2.00E-04	1.19E-01	2.29E-01	1E-04	1.53E-02	2.20E-02	7E-08
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene		ND				1.53E-02 1.53E-02		
		540590		1.19E-01	9.00E-03	 4E 02			
	Acetone	67641		1.19E-01	1.00E-01	4E-03	1.53E-02		
	Benzene	71432	3.00E-04	1.19E-01	1.70E-03	2E-02	1.53E-02	2.90E-02	1E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	7.00E-04	1.19E-01	8.60E-01	1E-04	1.53E-02	1.65E-03	2E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02 1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01 1.19E-01	1.40E-01		1.53E-02 1.53E-02	1.00E-02	
	Toluene	108883	8.00E-04	1.19E-01	1.14E-01	8E-04	1.53E-02	 6 00E 02	
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	3.00E-04	1.19E-01	2.80E-02	1E-03	1.53E-02	1.50E-02	7E-08
	Xylenes (Total)	1330207	5.00E-04	1.19E-01	2.00E+00	3E-05	1.53E-02		
					Total	1E-01		Total	3E-07

		i	Based on CI	E Assumptions	S				
AOI	Chemical	CAS Number	Cair	1	Noncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 21	2-Methylnaphthalene	91576	2.24E-03	1.19E-01	2.00E-02	1E-02	1.53E-02		
	Acenaphthene	83329	1.55E-03	1.19E-01	6.00E-02	3E-03	1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	1.76E-03	1.19E-01	4.00E-02	5E-03	1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04	JL-03	1.53E-02 1.53E-02		
	Pyrene	129000	2.00E-03						
				1.19E-01	3.00E-02	8E-03	1.53E-02	 2.20E.02	
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	5.78E-02	1.19E-01	9.00E-03	8E-01	1.53E-02		
	Acetone	67641	1.20E-03	1.19E-01	1.00E-01	1E-03	1.53E-02		
	Benzene	71432	2.12E-03	1.19E-01	1.70E-03	1E-01	1.53E-02	2.90E-02	9E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	1.96E-03	1.19E-01	2.60E-02	9E-03	1.53E-02 1.53E-02	3.50E-03	1E-07
	cis-1,2-Dichloroethene	156592	6.00E-02	1.19E-01 1.19E-01	1.00E-02	7E-03	1.53E-02 1.53E-02	3.30E-03	
	Dichloromethane	75092	ND	1.19E-01	8.60E-01	 1E 04	1.53E-02	1.65E-03	 1E.00
	Ethylbenzene	100414	2.50E-04	1.19E-01	2.90E-01	1E-04	1.53E-02	3.85E-03	1E-08
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	1.71E-03	1.19E-01	1.14E-01	2E-03	1.53E-02		
	Trichloroethene	79016	2.74E-03	1.19E-01	1.00E-02	3E-02	1.53E-02	6.00E-03	3E-07
	Vinyl Chloride	75014_A	2.54E-02	1.19E-01	2.80E-02	1E-01	1.53E-02	1.50E-02	6E-06
	Xylenes (Total)	1330207	5.00E-04	1.19E-01	2.00E+00	3E-05	1.53E-02		
					Total	2E+00		Total	7E-06
. 01.00.1	23/4 1 1 1 1 1 1	01576	7.20F.02	1.105.01	2 000 02	45.00	1.535.03		
AOI 22A	2-Methylnaphthalene	91576	7.38E-03	1.19E-01	2.00E-02	4E-02	1.53E-02		
	Acenaphthene	83329	2.47E-03	1.19E-01	6.00E-02	5E-03	1.53E-02		
	Dibenzofuran	132649	4.70E-03	1.19E-01	4.00E-03	1E-01	1.53E-02		
	Fluorene	86737	3.42E-03	1.19E-01	4.00E-02	1E-02	1.53E-02		
	Naphthalene	91203	1.21E-03	1.19E-01	9.00E-04	2E-01	1.53E-02		
	Pyrene	129000	1.73E-03	1.19E-01	3.00E-02	7E-03	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	1.31E-01	1.19E-01	6.30E-01	2E-02	1.53E-02		
	1,1,2-Trichloroethane	79005	1.50E-03	1.19E-01	4.00E-03	4E-02	1.53E-02	5.60E-02	1E-06
	1,1-Dichloroethane	75343	1.00E+00	1.19E-01	1.40E-01	9E-01	1.53E-02		
	1,2,3-Trichloropropane	96184	7.50E-03	1.19E-01	1.40E-03	6E-01	1.53E-02	2.00E+00	2E-04
	1,2-Dichloroethane	107062	1.00E-03	1.19E-01	1.40E-03	9E-02	1.53E-02	9.10E-02	1E-06
	1,2-Dichloroethene		1.85E+00	1.19E-01	9.00E-03	2E+01	1.53E-02		
	Acetone	67641	6.50E-03	1.19E-01	1.00E-01	8E-03	1.53E-02 1.53E-02		
			5.91E-03	1.19E-01 1.19E-01	1.70E-01			2.90E-02	3E-06
	Benzene Chlorodibromomethene	71432				4E-01	1.53E-02		
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02	 2E 02	1.53E-02	8.40E-02	 4E 06
	Chloroethane (Ethyl chloride)	75003	8.50E-02	1.19E-01	2.90E+00	3E-03	1.53E-02	2.90E-03	4E-06
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.85E+00	1.19E-01	1.00E-02	2E+01	1.53E-02		
	Dichloromethane	75092	7.50E-04	1.19E-01	8.60E-01	1E-04	1.53E-02	1.65E-03	2E-08
	Ethylbenzene	100414	5.15E-03	1.19E-01	2.90E-01	2E-03	1.53E-02	3.85E-03	3E-07
	Tetrachloroethene	127184	3.50E-04	1.19E-01	1.40E-01	3E-04	1.53E-02	1.00E-02	5E-08
	Toluene	108883	2.45E-03	1.19E-01	1.14E-01	3E-03	1.53E-02		
	Trichloroethene	79016	2.00E-03	1.19E-01	1.00E-02	2E-02	1.53E-02	6.00E-03	2E-07
	Vinyl Chloride	75014 A	1.15E+00	1.19E-01	2.80E-02	5E+00	1.53E-02	1.50E-02	3E-04
	Xylenes (Total)	1330207	3.50E-03	1.19E-01	2.00E+00	2E-04	1.53E-02		
	, (+0,	1550207	J.5 0E 05	,	Total	5E+01	1.555 02	Total	5E-04
					10141	3E 101		iotai	3E-04

		i	Based on CT	E Assumptions	1				
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 22B	2-Methylnaphthalene	91576	ND	1.19E-01	2.00E-02		1.53E-02		
AOI 22B	Acenaphthene	83329	1.15E-03	1.19E-01 1.19E-01	6.00E-02	2E-03	1.53E-02 1.53E-02		
	Dibenzofuran								
		132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	5.00E-04	1.19E-01	4.00E-02	1E-03	1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	1.50E-04	1.19E-01	3.00E-02	6E-04	1.53E-02		
	1,4-Dichlorobenzene	106467	2.20E-03	1.19E-01	2.29E-01	1E-03	1.53E-02	2.20E-02	7E-07
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02 1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	5.85E-02	1.19E-01	9.00E-03	8E-01	1.53E-02		
	Acetone	67641	5.85E-03	1.19E-01	1.00E-01	7E-03	1.53E-02		
	Benzene	71432	3.50E-04	1.19E-01	1.70E-03	2E-02	1.53E-02	2.90E-02	2E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-02	1.19E-01	1.00E-02	2E-01	1.53E-02		
	Dichloromethane	75092	1.15E-03	1.19E-01	8.60E-01	2E-04	1.53E-02	1.65E-03	3E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	1.62E-03	1.19E-01 1.19E-01	1.00E-02	2E-02	1.53E-02 1.53E-02	6.00E-03	1E-07
	Vinyl Chloride	75014_A	1.71E-01	1.19E-01	2.80E-02	7E-01	1.53E-02	1.50E-02	4E-05
	Xylenes (Total)	1330207	7.00E-04	1.19E-01	2.00E+00	4E-05	1.53E-02		
					Total	2E+00		Total	4E-05
AOI 26	2-Methylnaphthalene	91576	4.86E-03	1.19E-01	2.00E-02	3E-02	1.53E-02		
110120	Acenaphthene	83329	4.02E-03	1.19E-01	6.00E-02	8E-03	1.53E-02		
	Dibenzofuran	132649	2.68E-03	1.19E-01	4.00E-03	8E-02	1.53E-02 1.53E-02		
	Fluorene	86737							
			4.57E-03	1.19E-01	4.00E-02	1E-02	1.53E-02		
	Naphthalene	91203	3.85E-03	1.19E-01	9.00E-04	5E-01	1.53E-02		
	Pyrene	129000	4.05E-03	1.19E-01	3.00E-02	2E-02	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene		9.00E-04	1.19E-01	9.00E-03	1E-02	1.53E-02		
	Acetone	67641	3.60E-04	1.19E-01	1.00E-01	4E-03	1.53E-02 1.53E-02		
	Benzene	71432	6.00E-04	1.19E-01	1.70E-03	4E-02	1.53E-02	2.90E-02	3E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	5.00E-04	1.19E-01	1.00E-02	6E-03	1.53E-02		
	Dichloromethane	75092	8.50E-04	1.19E-01	8.60E-01	1E-04	1.53E-02	1.65E-03	2E-08
	Ethylbenzene	100414	1.20E-03	1.19E-01	2.90E-01	5E-04	1.53E-02	3.85E-03	7E-08
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	7.00E-04	1.19E-01	1.14E-01	7E-04	1.53E-02		
	Trichloroethene	79016	ND	1.19E-01	1.00E-02	7 E-04	1.53E-02 1.53E-02	6.00E-03	
	Vinyl Chloride	75014 A	2.68E-03	1.19E-01	2.80E-02	1E-02	1.53E-02 1.53E-02	1.50E-02	6E-07
	Xylenes (Total)	1330207	1.88E-03	1.19E-01 1.19E-01	2.00E+00	1E-02 1E-04	1.53E-02 1.53E-02	1.30E-02	OE-07
	Ayiones (10tal)	1530207	1.001-03	1.1715-01			1.JJE-U2		
					Total	7E-01		Total	1E-06

		1	Basea on CI	E Assumptions					
AOI	Chemical	CAS Number	Cair	N	Ioncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 27	2-Methylnaphthalene	91576	ND	1.19E-01	2.00E-02		1.53E-02		
AOI 27	Acenaphthene	83329	ND	1.19E-01 1.19E-01	6.00E-02				
							1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	1.50E-04	1.19E-01	4.00E-02	4E-04	1.53E-02		
	Naphthalene	91203	1.00E-04	1.19E-01	9.00E-04	1E-02	1.53E-02		
	Pyrene	129000	ND	1.19E-01	3.00E-02		1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	5.00E-04	1.19E-01			1.53E-02	1.10E+00	8E-06
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02 1.53E-02	5.00E-02	
	1,2,3-Trichloropropane								
		96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.43E-03	1.19E-01	9.00E-03	2E-02	1.53E-02		
	Acetone	67641	5.50E-03	1.19E-01	1.00E-01	7E-03	1.53E-02		
	Benzene	71432	4.00E-04	1.19E-01	1.70E-03	3E-02	1.53E-02	2.90E-02	2E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-03	1.19E-01	1.00E-02	2E-02	1.53E-02	J.50E 05	
	Dichloromethane	75092	7.50E-04	1.19E-01	8.60E-01	1E-04		1.65E-03	2E-08
							1.53E-02		
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	1.55E-03	1.19E-01	1.00E-02	2E-02	1.53E-02	6.00E-03	1E-07
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02		
					Total	1E-01		Total	9E-06
AOI 30	2-Methylnaphthalene	91576	3.04E-01	1.19E-01	2.00E-02	2E+00	1.53E-02		
	Acenaphthene	83329	4.62E-02	1.19E-01	6.00E-02	9E-02	1.53E-02		
	Dibenzofuran	132649	2.05E-02	1.19E-01	4.00E-03	6E-01	1.53E-02		
	Fluorene	86737	5.72E-02	1.19E-01	4.00E-02	2E-01	1.53E-02 1.53E-02		
						4E+00			
	Naphthalene	91203	3.26E-02	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	2.13E-02	1.19E-01	3.00E-02	8E-02	1.53E-02		
	1,4-Dichlorobenzene	106467	1.50E-03	1.19E-01	2.29E-01	8E-04	1.53E-02	2.20E-02	5E-07
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	4.50E-03	1.19E-01	1.40E-03	4E-01	1.53E-02	2.00E+00	1E-04
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene		3.16E-02						
				1.19E-01	9.00E-03	4E-01	1.53E-02		
	Acetone		8.23E-03	1.19E-01	1.00E-01	1E-02	1.53E-02		
	Benzene	71432	3.98E-03	1.19E-01	1.70E-03	3E-01	1.53E-02	2.90E-02	2E-06
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.23E-03	1.19E-01	2.60E-02	2E-02	1.53E-02	3.50E-03	2E-07
	cis-1,2-Dichloroethene	156592	3.55E-02	1.19E-01	1.00E-02	4E-01	1.53E-02		
	Dichloromethane	75092	3.28E-03	1.19E-01	8.60E-01	5E-04	1.53E-02	1.65E-03	8E-08
	Ethylbenzene	100414	1.60E-03	1.19E-01	2.90E-01	7E-04	1.53E-02 1.53E-02	3.85E-03	9E-08
	Tetrachloroethene	127184	3.52E-03	1.19E-01 1.19E-01	1.40E-01	3E-03	1.53E-02 1.53E-02	1.00E-02	
									5E-07
	Toluene	108883	1.55E-03	1.19E-01	1.14E-01	2E-03	1.53E-02	 6.00E.03	 1E.05
	Trichloroethene	79016	1.25E-03	1.19E-01	1.00E-02	1E-02	1.53E-02	6.00E-03	1E-07
	*** 1 011 1 11								
	Vinyl Chloride	75014_A	1.43E-01	1.19E-01	2.80E-02	6E-01	1.53E-02	1.50E-02	
	Vinyl Chloride Xylenes (Total)	75014_A 1330207	1.43E-01 2.70E-03	1.19E-01 1.19E-01	2.80E-02 2.00E+00 Total	6E-01 2E-04	1.53E-02 1.53E-02	1.50E-02 	3E-05

		1	Based on CT	E Assumptions					
AOI	Chemical	CAS Number	Cair	N	Voncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 32	2-Methylnaphthalene	91576	7.77E-03	1.19E-01	2.00E-02	5E-02	1.53E-02		
7101 32	Acenaphthene	83329	1.65E-03	1.19E-01	6.00E-02	3E-02	1.53E-02 1.53E-02		
	Dibenzofuran	132649	6.00E-04	1.19E-01	4.00E-03	2E-02			
							1.53E-02		
	Fluorene	86737	1.70E-03	1.19E-01	4.00E-02	5E-03	1.53E-02		
	Naphthalene	91203	2.60E-03	1.19E-01	9.00E-04	3E-01	1.53E-02		
	Pyrene	129000	2.80E-03	1.19E-01	3.00E-02	1E-02	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02 1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.22E-03	1.19E-01	9.00E-03	2E-02	1.53E-02		
	Acetone	67641	5.00E+00	1.19E-01	1.00E-01	6E+00	1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	4.19E-03	1.19E-01	2.60E-02	2E-02	1.53E-02	3.50E-03	2E-07
	cis-1,2-Dichloroethene	156592	7.25E-04	1.19E-01	1.00E-02	9E-03	1.53E-02		
	Dichloromethane	75092	8.01E-01	1.19E-01	8.60E-01	1E-01	1.53E-02	1.65E-03	2E-05
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	8.00E-04	1.19E-01	1.14E-01	8E-04	1.53E-02 1.53E-02	1.00L-02	
	Trichloroethene	79016				oE-04			
			ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	4.08E-03	1.19E-01	2.80E-02	2E-02	1.53E-02	1.50E-02	9E-07
	Xylenes (Total)	1330207	1.30E-03	1.19E-01	2.00E+00	8E-05	1.53E-02		
					Total	7E+00		Total	2E-05
		0.4.5.5	4.405.04	4.405.04	• • • • •	= == 0.4	4 500 00		
AOI 33	2-Methylnaphthalene	91576	1.18E-01	1.19E-01	2.00E-02	7E-01	1.53E-02		
	Acenaphthene	83329	1.20E-01	1.19E-01	6.00E-02	2E-01	1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	3.84E-02	1.19E-01	4.00E-02	1E-01	1.53E-02		
	Naphthalene	91203	2.75E+00	1.19E-01	9.00E-04	4E+02	1.53E-02		
	Pyrene	129000	6.08E-03	1.19E-01	3.00E-02	2E-02	1.53E-02		
	1,4-Dichlorobenzene	106467	2.00E-04	1.19E-01	2.29E-01	1E-04	1.53E-02	2.20E-02	7E-08
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	6.99E-04	1.19E-01	4.00E-03	2E-02	1.53E-02	5.60E-02	6E-07
	1,1-Dichloroethane	75343	6.79E-04	1.19E-01	1.40E-01	6E-04	1.53E-02 1.53E-02	3.00L-02	
		96184			1.40E-01 1.40E-03			2.005+00	
	1,2,3-Trichloropropane	90184	ND	1.19E-01	1.40003		1.53E-02	2.00E+00	
	1.0 D' 11	107062	A IID	1 105 01			1 500 00	0.100.03	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	ND	1.19E-01	1.40E-03 9.00E-03		1.53E-02		
	1,2-Dichloroethene Acetone	540590 67641	ND 8.74E-03	1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01	 1E-02	1.53E-02 1.53E-02		
	1,2-Dichloroethene	540590	ND	1.19E-01	1.40E-03 9.00E-03		1.53E-02		
	1,2-Dichloroethene Acetone	540590 67641	ND 8.74E-03	1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01	 1E-02	1.53E-02 1.53E-02		
	1,2-Dichloroethene Acetone Benzene	540590 67641 71432	ND 8.74E-03 3.29E-02	1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03	1E-02 2E+00	1.53E-02 1.53E-02 1.53E-02	 2.90E-02	 1E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	540590 67641 71432 124481 75003	ND 8.74E-03 3.29E-02 6.97E-04 ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00	1E-02 2E+00 4E-03	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03	 1E-05 9E-07
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	540590 67641 71432 124481 75003 74873	ND 8.74E-03 3.29E-02 6.97E-04 ND ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02	1E-02 2E+00 4E-03	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03	 1E-05 9E-07
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	540590 67641 71432 124481 75003 74873 156592	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02	1E-02 2E+00 4E-03 	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03	 1E-05 9E-07
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane	540590 67641 71432 124481 75003 74873 156592 75092	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01	1E-02 2E+00 4E-03 9E-05	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03	 1E-05 9E-07 2E-08
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene	540590 67641 71432 124481 75003 74873 156592 75092 100414	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 0.21E-04 8.74E-01	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01	1E-02 2E+00 4E-03 9E-05 4E-01	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03	1E-05 9E-07 2E-08 5E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene	540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 6.21E-04 8.74E-01 ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01	1E-02 2E+00 4E-03 9E-05 4E-01	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03 1.00E-02	1E-05 9E-07 2E-08 5E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 6.21E-04 8.74E-01 ND 1.69E-02	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01	1E-02 2E+00 4E-03 9E-05 4E-01 2E-02	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03 1.00E-02	1E-05 9E-07 2E-08 5E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene	540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 6.21E-04 8.74E-01 ND 1.69E-02 5.00E-04	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02	1E-02 2E+00 4E-03 9E-05 4E-01 2E-02 6E-03	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03 1.00E-02	1E-05 9E-07 2E-08 5E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene Vinyl Chloride	540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016 75014_A	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 6.21E-04 8.74E-01 ND 1.69E-02 5.00E-04 ND	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02 2.80E-02	1E-02 2E+00 4E-03 9E-05 4E-01 2E-02 6E-03	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03 1.00E-02	1E-05 9E-07 2E-08 5E-05
	1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene	540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016	ND 8.74E-03 3.29E-02 6.97E-04 ND ND ND 6.21E-04 8.74E-01 ND 1.69E-02 5.00E-04	1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01 1.19E-01	1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02	1E-02 2E+00 4E-03 9E-05 4E-01 2E-02 6E-03	1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02 1.53E-02	2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03 1.00E-02	1E-05 9E-07 2E-08 5E-05 5E-08

		1	Basea on CI	E Assumptions					
AOI	Chemical	CAS Number	Cair	N	Voncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 34	2-Methylnaphthalene	91576	4.49E-03	1.19E-01	2.00E-02	3E-02	1.53E-02		
11015.	Acenaphthene	83329	1.43E-03	1.19E-01	6.00E-02	3E-03	1.53E-02		
	Dibenzofuran	132649	2.84E-03	1.19E-01	4.00E-03	8E-02	1.53E-02		
	Fluorene	86737	1.64E-03	1.19E-01	4.00E-03	5E-03	1.53E-02 1.53E-02	 	
	Naphthalene	91203	1.56E-03	1.19E-01	9.00E-04	2E-01	1.53E-02		
	Pyrene	129000	5.50E-04	1.19E-01	3.00E-02	2E-03	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	1.70E-03	1.19E-01	6.30E-01	3E-04	1.53E-02		
	1,1,2-Trichloroethane	79005	4.00E-04	1.19E-01	4.00E-03	1E-02	1.53E-02	5.60E-02	3E-07
	1,1-Dichloroethane	75343	1.43E-01	1.19E-01	1.40E-01	1E-01	1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	3.00E-04	1.19E-01	1.40E-03	3E-02	1.53E-02	9.10E-02	4E-07
	1,2-Dichloroethene	540590	8.45E-03	1.19E-01	9.00E-03	1E-01	1.53E-02	7.10E 02	
		67641	1.05E-02						
	Acetone			1.19E-01	1.00E-01	1E-02	1.53E-02	 2.00E.02	 0E 07
	Benzene	71432	1.87E-03	1.19E-01	1.70E-03	1E-01	1.53E-02	2.90E-02	8E-07
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	8.59E-03	1.19E-01	2.90E+00	4E-04	1.53E-02	2.90E-03	4E-07
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	6.51E-03	1.19E-01	1.00E-02	8E-02	1.53E-02		
	Dichloromethane	75092	1.67E-03	1.19E-01	8.60E-01	2E-04	1.53E-02	1.65E-03	4E-08
	Ethylbenzene	100414	1.50E-03	1.19E-01	2.90E-01	6E-04	1.53E-02	3.85E-03	9E-08
	Tetrachloroethene	127184	1.82E-03	1.19E-01	1.40E-01	2E-03	1.53E-02	1.00E-02	3E-07
	Toluene	108883	1.55E-03	1.19E-01	1.14E-01	2E-03	1.53E-02		
	Trichloroethene	79016	1.67E-03	1.19E-01 1.19E-01	1.00E-02	2E-03 2E-02	1.53E-02 1.53E-02	6.00E-03	2E-07
	Vinyl Chloride	75014_A	9.60E-02	1.19E-01	2.80E-02	4E-01	1.53E-02	1.50E-02	2E-05
	Xylenes (Total)	1330207	2.22E-03	1.19E-01	2.00E+00 Total	1E-04 1E+00	1.53E-02	 Total	 2E-05
40125	2.4.1.1.1.1	01576	1.05E.03	1 105 01	2.005.02	1E 01	1.525.02		
AOI 35	2-Methylnaphthalene	91576	1.85E-02	1.19E-01	2.00E-02	1E-01	1.53E-02		
	Acenaphthene	83329	2.00E-03	1.19E-01	6.00E-02	4E-03	1.53E-02		
	Dibenzofuran	132649	ND	1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	2.00E-03	1.19E-01	4.00E-02	6E-03	1.53E-02		
	Naphthalene	91203	5.00E-05	1.19E-01	9.00E-04	7E-03	1.53E-02		
	Pyrene	129000	1.00E-04	1.19E-01	3.00E-02	4E-04	1.53E-02		
	1,4-Dichlorobenzene	106467	1.50E-04	1.19E-01	2.29E-01	8E-05	1.53E-02	2.20E-02	5E-08
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	4.41E-03	1.19E-01	1.40E-01	4E-03	1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02 1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND						
				1.19E-01	1.40E-03	 OF 02	1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	7.00E-04	1.19E-01	9.00E-03	9E-03	1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	7.70E-04	1.19E-01	8.60E-01	1E-04	1.53E-02	1.65E-03	2E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02 1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01 1.19E-01	1.14E-01		1.53E-02 1.53E-02		
	Trichloroethene	79016	ND ND					 6.00E-03	
				1.19E-01	1.00E-02	 0E 02	1.53E-02		 5E 07
	Vinyl Chloride	75014_A	2.15E-03	1.19E-01	2.80E-02	9E-03	1.53E-02	1.50E-02	5E-07
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00	 1E-01	1.53E-02	 m 1	 (E.07
					Total	1E-01		Total	6E-07

		i	Based on CT	E Assumptions	1				
AOI	Chemical	CAS Number	Cair	N	Noncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 36	2-Methylnaphthalene	91576	ND	1.19E-01	2.00E-02		1.53E-02		
AOI 30	Acenaphthene	83329	ND	1.19E-01 1.19E-01	6.00E-02		1.53E-02 1.53E-02		
	Dibenzofuran	132649		1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737	ND	1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203	ND	1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000	5.00E-05	1.19E-01	3.00E-02	2E-04	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	1.89E-03	1.19E-01	1.40E-01	2E-03		3.00E-02	
							1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.49E-03	1.19E-01	9.00E-03	2E-02	1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	7.72E-04	1.19E-01	1.00E-02	9E-03	1.53E-02 1.53E-02	5.50E-05	
		75092							
	Dichloromethane		5.75E-04	1.19E-01	8.60E-01	8E-05	1.53E-02	1.65E-03	1E-08
	Ethylbenzene	100414	ND	1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	ND	1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014 A	1.92E-03	1.19E-01	2.80E-02	8E-03	1.53E-02	1.50E-02	4E-07
	Xylenes (Total)	1330207	ND	1.19E-01	2.00E+00		1.53E-02		
	<i>y</i> = == (= == <i>y</i>				Total	4E-02		Total	5E-07
AOI 37	2-Methylnaphthalene Acenaphthene	91576 83329	8.50E-02 9.53E-03	1.19E-01 1.19E-01	2.00E-02 6.00E-02	5E-01 2E-02	1.53E-02 1.53E-02	 	
	Dibenzofuran	132649	1.08E-02	1.19E-01	4.00E-03	3E-01	1.53E-02 1.53E-02		
	Fluorene	86737	1.78E-02	1.19E-01	4.00E-02	5E-02	1.53E-02		
	Naphthalene	91203	2.15E-03	1.19E-01	9.00E-04	3E-01	1.53E-02		
	Pyrene	129000	1.86E-03	1.19E-01	3.00E-02	7E-03	1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	1.19E-01	6.30E-01		1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	ND	1.19E-01	1.40E-01		1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene		ND				1.53E-02 1.53E-02		
		540590		1.19E-01	9.00E-03				
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	ND	1.19E-01	1.70E-03		1.53E-02	2.90E-02	
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092	6.50E-04	1.19E-01	8.60E-01	9E-05	1.53E-02	1.65E-03	2E-08
	Ethylbenzene	100414	3.25E-03	1.19E-01	2.90E-01	1E-03	1.53E-02	3.85E-03	2E-07
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02 1.53E-02	1.00E-02	
	Toluene	108883	1.95E-03						
				1.19E-01	1.14E-01	2E-03	1.53E-02	 6.00E.02	
	Trichloroethene	79016	ND	1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A	ND	1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207	1.30E-02	1.19E-01	2.00E+00	8E-04	1.53E-02		
					Total	1E+00		Total	2E-07

		1	Based on CT	E Assumptions	1				
AOI	Chemical	CAS Number	Cair	N	Voncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI 38	2-Methylnaphthalene	91576	3.25E-01	1.19E-01	2.00E-02	2E+00	1.53E-02		-
110150	Acenaphthene	83329	7.27E-03	1.19E-01	6.00E-02	1E-02	1.53E-02		
	Dibenzofuran	132649	3.34E-02	1.19E-01	4.00E-03	1E+00	1.53E-02		
	Fluorene	86737	9.01E-03	1.19E-01	4.00E-02	3E-02	1.53E-02		
	Naphthalene	91203	3.86E-02	1.19E-01	9.00E-04	5E+00	1.53E-02 1.53E-02		
	Pyrene	129000	5.06E-02	1.19E-01 1.19E-01	3.00E-04 3.00E-02	2E-02	1.53E-02 1.53E-02		
	1,4-Dichlorobenzene	106467	6.89E-03	1.19E-01 1.19E-01	2.29E-01	4E-03	1.53E-02 1.53E-02	2.20E-02	2E-06
			0.89E-03 ND	1.19E-01 1.19E-01	2.29E-01		1.53E-02 1.53E-02	1.10E+00	
	bis(2-Chloroethyl)ether	111444				 2E 02			
	1,1,1-Trichloroethane	71556	1.59E-01	1.19E-01	6.30E-01	3E-02	1.53E-02	 5.60E.02	 1E.06
	1,1,2-Trichloroethane	79005	1.54E-03	1.19E-01	4.00E-03	5E-02	1.53E-02	5.60E-02	1E-06
	1,1-Dichloroethane	75343	6.51E-02	1.19E-01	1.40E-01	6E-02	1.53E-02	 2 00E : 00	
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	5.00E-04	1.19E-01	1.40E-03	4E-02	1.53E-02	9.10E-02	7E-07
	1,2-Dichloroethene	540590	2.19E-01	1.19E-01	9.00E-03	3E+00	1.53E-02		
	Acetone	67641	3.29E-03	1.19E-01	1.00E-01	4E-03	1.53E-02		
	Benzene	71432	5.01E-03	1.19E-01	1.70E-03	4E-01	1.53E-02	2.90E-02	2E-06
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.57E-02	1.19E-01	2.90E+00	6E-04	1.53E-02	2.90E-03	7E-07
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	3.62E-01	1.19E-01	1.00E-02	4E+00	1.53E-02		
	Dichloromethane	75092	1.21E-03	1.19E-01	8.60E-01	2E-04	1.53E-02	1.65E-03	3E-08
	Ethylbenzene	100414	2.07E-02	1.19E-01	2.90E-01	9E-03	1.53E-02	3.85E-03	1E-06
	Tetrachloroethene	127184	1.70E-03	1.19E-01	1.40E-01	1E-03	1.53E-02	1.00E-02	3E-07
	Toluene	108883	6.86E-03	1.19E-01	1.14E-01	7E-03	1.53E-02		
	Trichloroethene	79016	1.81E-02	1.19E-01	1.00E-02	2E-01	1.53E-02	6.00E-03	2E-06
	Vinyl Chloride	75014 A	3.47E-02	1.19E-01	2.80E-02	1E-01	1.53E-02	1.50E-02	8E-06
	Xylenes (Total)	1330207	2.81E-02	1.19E-01	2.00E+00	2E-03	1.53E-02		
	, ()				Total	2E+01		Total	2E-05
					10111	22:01		10111	22 00
AOI SPRR	3 2-Methylnaphthalene	91576		1.19E-01	2.00E-02		1.53E-02		
AOI SI KK	Acenaphthene	83329		1.19E-01 1.19E-01	6.00E-02		1.53E-02 1.53E-02		
	Dibenzofuran	132649		1.19E-01 1.19E-01	4.00E-03		1.53E-02 1.53E-02		
	Fluorene	86737			4.00E-03 4.00E-02				
		91203	1.80E-01	1.19E-01		2E+01	1.53E-02		
	Naphthalene			1.19E-01	9.00E-04	2E+01	1.53E-02		
	Pyrene	129000		1.19E-01	3.00E-02		1.53E-02	 2.20E.02	
	1,4-Dichlorobenzene	106467		1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444		1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	3.90E-02	1.19E-01	6.30E-01	7E-03	1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	1.45E-01	1.19E-01	1.40E-01	1E-01	1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	1.35E-01	1.19E-01	9.00E-03	2E+00	1.53E-02		
	Acetone	67641	ND	1.19E-01	1.00E-01		1.53E-02		
	Benzene	71432	2.60E-02	1.19E-01	1.70E-03	2E+00	1.53E-02	2.90E-02	1E-05
	Chlorodibromomethane	124481	ND	1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.15E-01	1.19E-01	2.90E+00	5E-03	1.53E-02	2.90E-03	5E-06
	Chloromethane (Methyl chloride)	74873	ND	1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.35E-01	1.19E-01	1.00E-02	2E+00	1.53E-02		
	Dichloromethane	75092	4.80E-03	1.19E-01	8.60E-01	7E-04	1.53E-02	1.65E-03	1E-07
	Ethylbenzene	100414	7.50E-02	1.19E-01	2.90E-01	3E-02	1.53E-02	3.85E-03	4E-06
	Tetrachloroethene	127184	ND	1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883	6.00E-02	1.19E-01	1.14E-01	6E-02	1.53E-02		
	Trichloroethene	79016	5.00E-04	1.19E-01	1.00E-02	6E-03	1.53E-02	6.00E-03	5E-08
	Vinyl Chloride	75014 A	1.65E-01	1.19E-01	2.80E-02	7E-01	1.53E-02	1.50E-02	4E-05
	Xylenes (Total)	1330207	4.65E-01	1.19E-01	2.00E+00	3E-02	1.53E-02 1.53E-02		
	1.,	1550207	1.0515-01	1.1715-01	Total	3E+01	1.551-02	Total	6E-05
					ı otai	31.01		1 Otal	012-03

AOI	Chemical	CAS Number	Cair	N N	Ioncancer Risk			Cancer Risk	
			(mg/m3)	CTE HIFNC	Inhalation RfD	RiskNC	CTE HIFC	Inhalation SF	RiskC
AOI SPRR	5 2-Methylnaphthalene	91576	ND	1.19E-01	2.00E-02		1.53E-02		
	Acenaphthene	83329	ND	1.19E-01	6.00E-02		1.53E-02		
	Dibenzofuran	132649		1.19E-01	4.00E-03		1.53E-02		
	Fluorene	86737		1.19E-01	4.00E-02		1.53E-02		
	Naphthalene	91203		1.19E-01	9.00E-04		1.53E-02		
	Pyrene	129000		1.19E-01	3.00E-02		1.53E-02		
	1,4-Dichlorobenzene	106467	ND	1.19E-01	2.29E-01		1.53E-02	2.20E-02	
	bis(2-Chloroethyl)ether	111444		1.19E-01			1.53E-02	1.10E+00	
	1,1,1-Trichloroethane	71556	2.00E-03	1.19E-01	6.30E-01	4E-04	1.53E-02		
	1,1,2-Trichloroethane	79005	ND	1.19E-01	4.00E-03		1.53E-02	5.60E-02	
	1,1-Dichloroethane	75343	4.31E-02	1.19E-01	1.40E-01	4E-02	1.53E-02		
	1,2,3-Trichloropropane	96184	ND	1.19E-01	1.40E-03		1.53E-02	2.00E+00	
	1,2-Dichloroethane	107062	ND	1.19E-01	1.40E-03		1.53E-02	9.10E-02	
	1,2-Dichloroethene	540590	3.05E-02	1.19E-01	9.00E-03	4E-01	1.53E-02		
	Acetone	67641	3.00E-03	1.19E-01	1.00E-01	4E-03	1.53E-02		
	Benzene	71432	3.02E-01	1.19E-01	1.70E-03	2E+01	1.53E-02	2.90E-02	1E-04
	Chlorodibromomethane	124481		1.19E-01	2.00E-02		1.53E-02	8.40E-02	
	Chloroethane (Ethyl chloride)	75003		1.19E-01	2.90E+00		1.53E-02	2.90E-03	
	Chloromethane (Methyl chloride)	74873		1.19E-01	2.60E-02		1.53E-02	3.50E-03	
	cis-1,2-Dichloroethene	156592		1.19E-01	1.00E-02		1.53E-02		
	Dichloromethane	75092		1.19E-01	8.60E-01		1.53E-02	1.65E-03	
	Ethylbenzene	100414		1.19E-01	2.90E-01		1.53E-02	3.85E-03	
	Tetrachloroethene	127184		1.19E-01	1.40E-01		1.53E-02	1.00E-02	
	Toluene	108883		1.19E-01	1.14E-01		1.53E-02		
	Trichloroethene	79016		1.19E-01	1.00E-02		1.53E-02	6.00E-03	
	Vinyl Chloride	75014_A		1.19E-01	2.80E-02		1.53E-02	1.50E-02	
	Xylenes (Total)	1330207		1.19E-01	2.00E+00		1.53E-02		
					Total	2E+01		Total	1E-04

		В	ased on RM	<i>E Assumptions</i>					
AOI	Chemical	CAS Number	Cair	N	oncancer Risk		(Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 1	2-Methylnaphthalene	91576	2.25E-03	2.74E-01	2.00E-02	3E-02	1.17E-01		
71011	Acenaphthene	83329	ND	2.74E-01	6.00E-02		1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01 2.74E-01	4.00E-03		1.17E-01 1.17E-01		
	Fluorene		ND						
		86737		2.74E-01	4.00E-02		1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene	129000	ND	2.74E-01	3.00E-02		1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01 2.74E-01	9.00E-03		1.17E-01	7.10E-02	
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01	 2.00E.02	
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592		2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane	75092	1.85E-03	2.74E-01	8.60E-01	6E-04	1.17E-01	1.65E-03	4E-07
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014 A	ND	2.74E-01 2.74E-01	2.80E-02		1.17E-01 1.17E-01	1.50E-02	
		_							
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00	 2E.02	1.17E-01	 1	 4E-07
					Total	3E-02		Total	4E-07
AOI 12	2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01		
	Acenaphthene	83329	ND	2.74E-01	6.00E-02		1.17E-01		
	Dibenzofuran	132649		2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	ND	2.74E-01	4.00E-02		1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene		5.00E-05	2.74E-01	3.00E-02	5E-04	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01 2.74E-01	2.27L-01		1.17E-01 1.17E-01	1.10E+00	
	• 1								
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01	 2E.02	1.17E-01	 5 (OF 03	 2E-06
	1,1,2-Trichloroethane	79005	5.00E-04	2.74E-01	4.00E-03	3E-02	1.17E-01	5.60E-02	3E-06
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	2.74E-01 2.74E-01	1.00E-02		1.17E-01 1.17E-01	3.30E-03	
	Dichloromethane								
		75092	ND	2.74E-01	8.60E-01		1.17E-01	1.65E-03	
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014_A	ND	2.74E-01	2.80E-02		1.17E-01	1.50E-02	
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00		1.17E-01		
					Total	3E-02		Total	3E-06

		D	asea on KM	E Assumptions	3				
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk		(Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 13	2-Methylnaphthalene	91576	6.50E-01	2.74E-01	2.00E-02	9E+00	1.17E-01		
7101 15	Acenaphthene		3.11E-03	2.74E-01	6.00E-02	1E-02	1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene		4.58E-03	2.74E-01	4.00E-02	3E-02	1.17E-01		
	Naphthalene	91203	3.82E-02	2.74E-01	9.00E-04	1E+01	1.17E-01		
	Pyrene		2.48E-03	2.74E-01	3.00E-02	2E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone	67641	1.00E-03	2.74E-01 2.74E-01	1.00E-03	3E-03	1.17E-01 1.17E-01		
	Benzene		1.24E-02	2.74E-01	1.70E-03	2E+00	1.17E-01	2.90E-02	4E-05
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592		2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane	75092	2.42E-03	2.74E-01	8.60E-01	8E-04	1.17E-01	1.65E-03	5E-07
	Ethylbenzene	100414	1.34E-02	2.74E-01	2.90E-01	1E-02	1.17E-01	3.85E-03	6E-06
	Tetrachloroethene	127184	9.50E-04	2.74E-01	1.40E-01	2E-03	1.17E-01	1.00E-02	1E-06
	Toluene		1.30E-03	2.74E-01	1.14E-01	3E-03	1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014 A	ND	2.74E-01	2.80E-02		1.17E-01 1.17E-01	1.50E-02	
	Xylenes (Total)	_	7.36E-03	2.74E-01 2.74E-01	2.00E+00	1E-03	1.17E-01 1.17E-01	1.30E-02	
	Aylenes (Total)	1330207	7.30E-03	2.74E-01			1.1/E-U1		 5E 05
					Total	2E+01		Total	5E-05
AOI 18	2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01		
	Acenaphthene	83329	ND	2.74E-01	6.00E-02		1.17E-01		
	Dibenzofuran	132649		2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	ND	2.74E-01	4.00E-02		1.17E-01		
	Naphthalene	91203	1.50E-04	2.74E-01	9.00E-04	5E-02	1.17E-01		
	Pyrene	129000	ND	2.74E-01	3.00E-02		1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane		3.10E-02	2.74E-01 2.74E-01	6.30E-01	1E-02	1.17E-01 1.17E-01	1.10E+00	
	, ,	79005							
	1,1,2-Trichloroethane		ND	2.74E-01	4.00E-03	 1E.02	1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	5.00E-04	2.74E-01	1.40E-01	1E-03	1.17E-01		
							4.455.04	• 007	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	96184 107062	ND ND	2.74E-01 2.74E-01	1.40E-03 1.40E-03		1.17E-01	2.00E+00 9.10E-02	
	1,2-Dichloroethane 1,2-Dichloroethene	96184 107062 540590	ND	2.74E-01	1.40E-03 1.40E-03 9.00E-03		1.17E-01 1.17E-01		
	1,2-Dichloroethane	96184 107062	ND ND	2.74E-01 2.74E-01	1.40E-03 1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethane 1,2-Dichloroethene	96184 107062 540590	ND ND ND	2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03	 	1.17E-01 1.17E-01	9.10E-02 	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone	96184 107062 540590 67641	ND ND ND ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01	 	1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane	96184 107062 540590 67641 71432 124481	ND ND ND ND ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02	 	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride)	96184 107062 540590 67641 71432 124481 75003	ND ND ND ND ND ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00	 	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02 2.90E-03	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride)	96184 107062 540590 67641 71432 124481 75003 74873	ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02	 	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02 2.90E-03 3.50E-03	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene	96184 107062 540590 67641 71432 124481 75003 74873 156592	ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02	 	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02 2.90E-03 3.50E-03	
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092	ND ND ND ND ND ND ND ND ND ND ND	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 2.90E-02 8.40E-02 2.90E-03 3.50E-03 1.65E-03 3.85E-03	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene Vinyl Chloride	96184 107062 540590 67641 71432 124481 75003 74873 156592 750992 100414 127184 108883 79016	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02 2.80E-02	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	 1E-07
	1,2-Dichloroethane 1,2-Dichloroethene Acetone Benzene Chlorodibromomethane Chloroethane (Ethyl chloride) Chloromethane (Methyl chloride) cis-1,2-Dichloroethene Dichloromethane Ethylbenzene Tetrachloroethene Toluene Trichloroethene	96184 107062 540590 67641 71432 124481 75003 74873 156592 75092 100414 127184 108883 79016	ND N	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	1.40E-03 1.40E-03 9.00E-03 1.00E-01 1.70E-03 2.00E-02 2.90E+00 2.60E-02 1.00E-02 8.60E-01 2.90E-01 1.40E-01 1.14E-01 1.00E-02	 2E-04	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	9.10E-02 	 1E-07

		В	ased on RM	IE Assumptions					
AOI	Chemical	CAS Number	Cair	N	oncancer Risk			Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 19	2-Methylnaphthalene	91576	1.00E-03	2.74E-01	2.00E-02	1E-02	1.17E-01		
AOI 19	Acenaphthene	83329	4.00E-03	2.74E-01 2.74E-01	6.00E-02	2E-03	1.17E-01 1.17E-01		
	Dibenzofuran								
		132649	 5.00E.04	2.74E-01	4.00E-03	 2E.02	1.17E-01		
	Fluorene		5.00E-04	2.74E-01	4.00E-02	3E-03	1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene	129000	ND	2.74E-01	3.00E-02		1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01 2.74E-01	1.40E-03		1.17E-01 1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane	75092	ND	2.74E-01	8.60E-01		1.17E-01	1.65E-03	
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01 2.74E-01	1.40E-01		1.17E-01 1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01	 6.00E-02	
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014_A	ND	2.74E-01	2.80E-02		1.17E-01	1.50E-02	
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00		1.17E-01		
					Total	2E-02		Total	
AOI 20	2-Methylnaphthalene	91576	3.29E-03	2.74E-01	2.00E-02	5E-02	1.17E-01		
	Acenaphthene	83329	1.50E-03	2.74E-01	6.00E-02	7E-03	1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene		7.50E-04	2.74E-01	4.00E-02	5E-03	1.17E-01		
	Naphthalene	91203	6.50E-04	2.74E-01 2.74E-01	9.00E-04	2E-01	1.17E-01 1.17E-01		
	*		2.50E-05						
	Pyrene			2.74E-01	3.00E-02	2E-04	1.17E-01	 2.20E.02	 5E 07
	1,4-Dichlorobenzene		2.00E-04	2.74E-01	2.29E-01	2E-04	1.17E-01	2.20E-02	5E-07
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone		3.73E-03	2.74E-01	1.00E-01	1E-02	1.17E-01		
	Benzene		3.00E-04	2.74E-01	1.70E-03	5E-02	1.17E-01	2.90E-02	1E-06
	Chlorodibromomethane	124481	ND	2.74E-01 2.74E-01	2.00E-02	JL-02 	1.17E-01 1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane	75092	7.00E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene		8.00E-04	2.74E-01	1.14E-01	2E-03	1.17E-01		
	Trichloroethene	79016	ND	2.74E-01 2.74E-01	1.00E-02		1.17E-01 1.17E-01	6.00E-03	
	Vinyl Chloride	75014 A	3.00E-04	2.74E-01 2.74E-01	2.80E-02		1.17E-01 1.17E-01		
	3	_				3E-03		1.50E-02	5E-07
	Xylenes (Total)	1330207	5.00E-04	2.74E-01	2.00E+00	7E-05	1.17E-01	 T-4-1	 2E 06
					Total	3E-01		Total	2E-06

		В	ased on RM	E Assumption:	S				
AOI	Chemical	CAS Number	Cair	_ N	Noncancer Risk		(Cancer Risk	
			(mg/m3)	RME HIFNC		RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 21	2-Methylnaphthalene	91576	2.24E-03	2.74E-01	2.00E-02	3E-02	1.17E-01		
AOI 21	3 1								
	Acenaphthene	83329	1.55E-03	2.74E-01	6.00E-02	7E-03	1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene		1.76E-03	2.74E-01	4.00E-02	1E-02	1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene	129000	2.00E-03	2.74E-01	3.00E-02	2E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01 1.17E-01	5.60E-02	
		75343	ND						
	1,1-Dichloroethane			2.74E-01	1.40E-01		1.17E-01	2.005+00	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene		5.78E-02	2.74E-01	9.00E-03	2E+00	1.17E-01		
	Acetone	67641	1.20E-03	2.74E-01	1.00E-01	3E-03	1.17E-01		
	Benzene	71432	2.12E-03	2.74E-01	1.70E-03	3E-01	1.17E-01	2.90E-02	7E-06
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)		1.96E-03	2.74E-01	2.60E-02	2E-02	1.17E-01	3.50E-03	8E-07
	cis-1,2-Dichloroethene		6.00E-02	2.74E-01	1.00E-02	2E+00	1.17E-01	5.50E 05	
	Dichloromethane	75092							
			ND	2.74E-01	8.60E-01	 2E 04	1.17E-01	1.65E-03	 1E 07
	Ethylbenzene		2.50E-04	2.74E-01	2.90E-01	2E-04	1.17E-01	3.85E-03	1E-07
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	1.71E-03	2.74E-01	1.14E-01	4E-03	1.17E-01		
	Trichloroethene	79016	2.74E-03	2.74E-01	1.00E-02	8E-02	1.17E-01	6.00E-03	2E-06
	Vinyl Chloride	75014 A	2.54E-02	2.74E-01	2.80E-02	2E-01	1.17E-01	1.50E-02	4E-05
	Xylenes (Total)		5.00E-04	2.74E-01	2.00E+00	7E-05	1.17E-01		
	,				Total	4E+00		Total	5E-05
AOI 22A	2-Methylnaphthalene	91576	7.38E-03	2.74E-01	2.00E-02	1E-01	1.17E-01		
	Acenaphthene	83329		2.74E-01	6.00E-02	1E-02	1.17E-01		
	Dibenzofuran		4.70E-03	2.74E-01	4.00E-03	3E-01	1.17E-01 1.17E-01		
			3.42E-03						
	Fluorene			2.74E-01	4.00E-02	2E-02	1.17E-01		
	Naphthalene		1.21E-03	2.74E-01	9.00E-04	4E-01	1.17E-01		
	Pyrene	129000	1.73E-03	2.74E-01	3.00E-02	2E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	1.31E-01	2.74E-01	6.30E-01	6E-02	1.17E-01		
	1,1,2-Trichloroethane	79005	1.50E-03	2.74E-01	4.00E-03	1E-01	1.17E-01	5.60E-02	1E-05
	1,1-Dichloroethane	75343	1.00E+00	2.74E-01	1.40E-01	2E+00	1.17E-01		
	1,2,3-Trichloropropane		7.50E-03	2.74E-01	1.40E-03	1E+00	1.17E-01	2.00E+00	2E-03
	1,2-Dichloroethane		1.00E-03	2.74E-01	1.40E-03	2E-01	1.17E-01	9.10E-02	1E-05
	1,2-Dichloroethene								1L-03
			1.85E+00	2.74E-01	9.00E-03	6E+01	1.17E-01		
	Acetone		6.50E-03	2.74E-01	1.00E-01	2E-02	1.17E-01		
	Benzene		5.91E-03	2.74E-01	1.70E-03	1E+00	1.17E-01	2.90E-02	2E-05
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	8.50E-02	2.74E-01	2.90E+00	8E-03	1.17E-01	2.90E-03	3E-05
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.85E+00	2.74E-01	1.00E-02	5E+01	1.17E-01		
	Dichloromethane		7.50E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene		5.15E-03	2.74E-01	2.90E-01	5E-03	1.17E-01 1.17E-01	3.85E-03	2E-06
	Tetrachloroethene		3.13E-03 3.50E-04	2.74E-01 2.74E-01	1.40E-01	7E-04	1.17E-01 1.17E-01	1.00E-02	4E-07
	Toluene		2.45E-03	2.74E-01	1.14E-01	6E-03	1.17E-01	 6 00E 03	 1E 06
	Trichloroethene		2.00E-03	2.74E-01	1.00E-02	5E-02	1.17E-01	6.00E-03	1E-06
	Vinyl Chloride	75014_A	1.15E+00	2.74E-01	2.80E-02	1E+01	1.17E-01	1.50E-02	2E-03
	Xylenes (Total)	1330207	3.50E-03	2.74E-01	2.00E+00	5E-04	1.17E-01		
					Total	1E+02		Total	4E-03

		В	ased on RM	E Assumptions	5				
AOI	Chemical	CAS Number	Cair	- N	Joncancer Risk			Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 22B	2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01		
AOI 22B	Acenaphthene	83329	1.15E-03	2.74E-01 2.74E-01	6.00E-02	5E-03	1.17E-01 1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03	 2E.02	1.17E-01		
	Fluorene		5.00E-04	2.74E-01	4.00E-02	3E-03	1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene	129000	1.50E-04	2.74E-01	3.00E-02	1E-03	1.17E-01		
	1,4-Dichlorobenzene	106467	2.20E-03	2.74E-01	2.29E-01	3E-03	1.17E-01	2.20E-02	6E-06
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene		5.85E-02	2.74E-01	9.00E-03	2E+00	1.17E-01	7.10E-02	
	Acetone	67641				2E-02			
				2.74E-01	1.00E-01		1.17E-01	 2.00F.02	 1E 06
	Benzene		3.50E-04	2.74E-01	1.70E-03	6E-02	1.17E-01	2.90E-02	1E-06
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	1.50E-02	2.74E-01	1.00E-02	4E-01	1.17E-01		
	Dichloromethane	75092	1.15E-03	2.74E-01	8.60E-01	4E-04	1.17E-01	1.65E-03	2E-07
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene		1.62E-03	2.74E-01	1.00E-02	4E-02	1.17E-01	6.00E-03	1E-06
	Vinyl Chloride	75014 A	1.71E-01	2.74E-01	2.80E-02	2E+00	1.17E-01	1.50E-02	3E-04
	Xylenes (Total)	_	7.00E-04	2.74E-01 2.74E-01	2.00E+00	1E-04	1.17E-01 1.17E-01	1.50E-02	JE-04
	Aylelles (Total)	1330207	7.00E-04	2.74E-01			1.1/E-01		
					Total	4E+00		Total	3E-04
AOI 26	2-Methylnaphthalene	91576	4.86E-03	2.74E-01	2.00E-02	7E-02	1.17E-01		
	Acenaphthene	83329	4.02E-03	2.74E-01	6.00E-02	2E-02	1.17E-01		
	Dibenzofuran	132649	2.68E-03	2.74E-01	4.00E-03	2E-01	1.17E-01		
	Fluorene	86737	4.57E-03	2.74E-01	4.00E-02	3E-02	1.17E-01		
	Naphthalene	91203	3.85E-03	2.74E-01	9.00E-04	1E+00	1.17E-01		
	Pyrene	129000	4.05E-03	2.74E-01	3.00E-02	4E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01 2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005			4.00E-03				
			ND	2.74E-01			1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01	 2 00E : 00	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene		9.00E-04	2.74E-01	9.00E-03	3E-02	1.17E-01		
	Acetone	67641	3.60E-03	2.74E-01	1.00E-01	1E-02	1.17E-01		
	Benzene	71432	6.00E-04	2.74E-01	1.70E-03	1E-01	1.17E-01	2.90E-02	2E-06
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		5.00E-04	2.74E-01	1.00E-02	1E-02	1.17E-01		
	Dichloromethane		8.50E-04	2.74E-01	8.60E-01	3E-04	1.17E-01	1.65E-03	2E-07
	Ethylbenzene		1.20E-03		2.90E-01	1E-03	1.17E-01 1.17E-01		
				2.74E-01				3.85E-03	5E-07
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01	 2E.02	1.17E-01	1.00E-02	
	Toluene		7.00E-04	2.74E-01	1.14E-01	2E-03	1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014_A	2.68E-03	2.74E-01	2.80E-02	3E-02	1.17E-01	1.50E-02	5E-06
	Xylenes (Total)	1330207	1.88E-03	2.74E-01	2.00E+00	3E-04	1.17E-01		
					Total	2E+00		Total	7E-06

		В	ased on RM	IE Assumptions	5				
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk			Cancer Risk	
		011011011001	(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
A OI 27	2 M-th-du-ulath-lau-	01576							
AOI 27	2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01		
	Acenaphthene	83329	ND	2.74E-01	6.00E-02		1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	1.50E-04	2.74E-01	4.00E-02	1E-03	1.17E-01		
	Naphthalene	91203	1.00E-04	2.74E-01	9.00E-04	3E-02	1.17E-01		
	Pyrene	129000	ND	2.74E-01	3.00E-02		1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444		2.74E-01			1.17E-01	1.10E+00	6E-05
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01 2.74E-01	4.00E-03		1.17E-01 1.17E-01	5.60E-02	
	* *								
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01	 2 00E : 00	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	1.43E-03	2.74E-01	9.00E-03	4E-02	1.17E-01		
	Acetone	67641	5.50E-03	2.74E-01	1.00E-01	2E-02	1.17E-01		
	Benzene	71432	4.00E-04	2.74E-01	1.70E-03	6E-02	1.17E-01	2.90E-02	1E-06
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		1.50E-03	2.74E-01 2.74E-01	1.00E-02	4E-02	1.17E-01 1.17E-01	3.30E-03	
	Dichloromethane	75092	7.50E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene	79016	1.55E-03	2.74E-01	1.00E-02	4E-02	1.17E-01	6.00E-03	1E-06
	Vinyl Chloride	75014 A	ND	2.74E-01	2.80E-02		1.17E-01	1.50E-02	
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00		1.17E-01		
	12,101100 (101111)	1550207	1,2	2.7.12.01	Total	2E-01	1.172 01	Total	7E-05
AOI 30	2-Methylnaphthalene	91576	3.04E-01	2.74E-01	2.00E-02	4E+00	1.17E-01		
	Acenaphthene	83329	4.62E-02	2.74E-01	6.00E-02	2E-01	1.17E-01		
	Dibenzofuran	132649	2.05E-02	2.74E-01	4.00E-03	1E+00	1.17E-01		
	Fluorene		5.72E-02	2.74E-01	4.00E-02	4E-01	1.17E-01		
	Naphthalene		3.26E-02	2.74E-01	9.00E-04	1E+01	1.17E-01		
	Pyrene		2.13E-02	2.74E-01	3.00E-02	2E-01	1.17E-01 1.17E-01		
	1,4-Dichlorobenzene		1.50E-03	2.74E-01 2.74E-01	2.29E-01	2E-01 2E-03		2.20E-02	4E-06
							1.17E-01		
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	4.50E-03	2.74E-01	1.40E-03	9E-01	1.17E-01	2.00E+00	1E-03
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	3.16E-02	2.74E-01	9.00E-03	1E+00	1.17E-01		
	Acetone		8.23E-03	2.74E-01	1.00E-01	2E-02	1.17E-01		
	Benzene		3.98E-03	2.74E-01	1.70E-03	6E-01	1.17E-01	2.90E-02	1E-05
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01 1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)		4.23E-03	2.74E-01	2.60E-02	4E-02	1.17E-01	3.50E-03	2E-06
	cis-1,2-Dichloroethene		3.55E-02	2.74E-01	1.00E-02	1E+00	1.17E-01		
	Dichloromethane	75092	3.28E-03	2.74E-01	8.60E-01	1E-03	1.17E-01	1.65E-03	6E-07
	Ethylbenzene	100414	1.60E-03	2.74E-01	2.90E-01	2E-03	1.17E-01	3.85E-03	7E-07
	Tetrachloroethene	127184	3.52E-03	2.74E-01	1.40E-01	7E-03	1.17E-01	1.00E-02	4E-06
	Toluene		1.55E-03	2.74E-01	1.14E-01	4E-03	1.17E-01		
	Trichloroethene		1.25E-03	2.74E-01	1.00E-02	3E-02	1.17E-01	6.00E-03	9E-07
	Vinyl Chloride	75014 A	1.43E-01	2.74E-01	2.80E-02	1E+00	1.17E-01 1.17E-01	1.50E-02	3E-04
	Xylenes (Total)	_	2.70E-03	2.74E-01 2.74E-01	2.00E+00	4E-04	1.17E-01 1.17E-01	1.3015-02	3E-04
	Ayiones (10tai)	1330207	2.70E-03	2./4E-UI			1.1/E-UI		
					Total	2E+01		Total	1E-03

		В	ased on RM	E Assumption:	S				
AOI	Chemical	CAS Number	Cair	_ N	Noncancer Risk			Cancer Risk	
		011011011011	(mg/m3)	RME HIFNC		RiskNC	RME HIFC	Inhalation SF	RiskC
A OI 22	2 M-th-du-ulath-lau-	01576	7.77E-03						
AOI 32	2-Methylnaphthalene	91576		2.74E-01	2.00E-02	1E-01	1.17E-01		
	Acenaphthene	83329	1.65E-03	2.74E-01	6.00E-02	8E-03	1.17E-01		
	Dibenzofuran	132649	6.00E-04	2.74E-01	4.00E-03	4E-02	1.17E-01		
	Fluorene		1.70E-03	2.74E-01	4.00E-02	1E-02	1.17E-01		
	Naphthalene	91203	2.60E-03	2.74E-01	9.00E-04	8E-01	1.17E-01		
	Pyrene	129000	2.80E-03	2.74E-01	3.00E-02	3E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01 1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343							
	· ·		ND	2.74E-01	1.40E-01		1.17E-01	2.005+00	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	1.22E-03	2.74E-01	9.00E-03	4E-02	1.17E-01		
	Acetone	67641	5.00E+00	2.74E-01	1.00E-01	1E+01	1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)		4.19E-03	2.74E-01	2.60E-02	4E-02	1.17E-01	3.50E-03	2E-06
	cis-1,2-Dichloroethene		7.25E-04	2.74E-01	1.00E-02	2E-02	1.17E-01	3.50E 05	
	Dichloromethane								
			8.01E-01	2.74E-01	8.60E-01	3E-01	1.17E-01	1.65E-03	2E-04
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	8.00E-04	2.74E-01	1.14E-01	2E-03	1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014 A	4.08E-03	2.74E-01	2.80E-02	4E-02	1.17E-01	1.50E-02	7E-06
	Xylenes (Total)		1.30E-03	2.74E-01	2.00E+00	2E-04	1.17E-01		
	,				Total	2E+01		Total	2E-04
AOI 33	2-Methylnaphthalene	91576	1.18E-01	2.74E-01	2.00E-02	2E+00	1.17E-01		
	Acenaphthene	83329	1.20E-01	2.74E-01	6.00E-02	5E-01	1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	3.84E-02	2.74E-01	4.00E-02	3E-01	1.17E-01		
	Naphthalene		2.75E+00	2.74E-01	9.00E-04	8E+02	1.17E-01		
	Pyrene		6.08E-03	2.74E-01	3.00E-02	6E-02	1.17E-01		
	1,4-Dichlorobenzene		2.00E-04	2.74E-01	2.29E-01	2E-04	1.17E-01 1.17E-01	2.20E-02	5E-07
	bis(2-Chloroethyl)ether		ND		2.291:-01		1.17E-01 1.17E-01		
		111444		2.74E-01				1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	6.99E-04	2.74E-01	4.00E-03	5E-02	1.17E-01	5.60E-02	5E-06
	1,1-Dichloroethane	75343	6.79E-04	2.74E-01	1.40E-01	1E-03	1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone		8.74E-03	2.74E-01	1.00E-01	2E-02	1.17E-01		
	Benzene		3.29E-02	2.74E-01	1.70E-03	5E+00	1.17E-01	2.90E-02	1E-04
	Chlorodibromomethane		6.97E-04	2.74E-01	2.00E-02	1E-02	1.17E-01 1.17E-01	8.40E-02	7E-04
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane	75092	6.21E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene	100414	8.74E-01	2.74E-01	2.90E-01	8E-01	1.17E-01	3.85E-03	4E-04
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene		1.69E-02	2.74E-01	1.14E-01	4E-02	1.17E-01		
	Trichloroethene		5.00E-04	2.74E-01	1.00E-02	1E-02	1.17E-01	6.00E-03	4E-07
	Vinyl Chloride	75014 A	ND	2.74E-01	2.80E-02		1.17E-01	1.50E-02	
	Xylenes (Total)	_	1.06E-01	2.74E-01 2.74E-01	2.00E+00	1E-02	1.17E-01 1.17E-01	1.50E-02	
	Ayrones (10tai)	1550207	1.00E-01	∠./→L=U1			1.1/E-01		
					Total	8E+02		Total	5E-04

		В	ased on RM	IE Assumptions	3				
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk		(Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 34	2 Mathylpophthalana	91576	4.49E-03	2.74E-01	2.00E-02	6E-02			
AOI 34	2-Methylnaphthalene						1.17E-01		
	Acenaphthene		1.43E-03	2.74E-01	6.00E-02	7E-03	1.17E-01		
	Dibenzofuran	132649	2.84E-03	2.74E-01	4.00E-03	2E-01	1.17E-01		
	Fluorene	86737	1.64E-03	2.74E-01	4.00E-02	1E-02	1.17E-01		
	Naphthalene	91203	1.56E-03	2.74E-01	9.00E-04	5E-01	1.17E-01		
	Pyrene	129000	5.50E-04	2.74E-01	3.00E-02	5E-03	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane		1.70E-03	2.74E-01	6.30E-01	7E-04	1.17E-01	 5 COT 03	 2E-06
	1,1,2-Trichloroethane	79005	4.00E-04	2.74E-01	4.00E-03	3E-02	1.17E-01	5.60E-02	3E-06
	1,1-Dichloroethane		1.43E-01	2.74E-01	1.40E-01	3E-01	1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	3.00E-04	2.74E-01	1.40E-03	6E-02	1.17E-01	9.10E-02	3E-06
	1,2-Dichloroethene	540590	8.45E-03	2.74E-01	9.00E-03	3E-01	1.17E-01		
	Acetone		1.05E-02	2.74E-01	1.00E-01	3E-02	1.17E-01		
	Benzene		1.87E-03	2.74E-01	1.70E-03	3E-01	1.17E-01	2.90E-02	6E-06
	Chlorodibromomethane	124481	ND	2.74E-01 2.74E-01	2.00E-02	JL-01	1.17E-01	8.40E-02	
			8.59E-03						
	Chloroethane (Ethyl chloride)	75003		2.74E-01	2.90E+00	8E-04	1.17E-01	2.90E-03	3E-06
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		6.51E-03	2.74E-01	1.00E-02	2E-01	1.17E-01		
	Dichloromethane	75092	1.67E-03	2.74E-01	8.60E-01	5E-04	1.17E-01	1.65E-03	3E-07
	Ethylbenzene	100414	1.50E-03	2.74E-01	2.90E-01	1E-03	1.17E-01	3.85E-03	7E-07
	Tetrachloroethene	127184	1.82E-03	2.74E-01	1.40E-01	4E-03	1.17E-01	1.00E-02	2E-06
	Toluene		1.55E-03	2.74E-01	1.14E-01	4E-03	1.17E-01		
	Trichloroethene		1.67E-03	2.74E-01	1.00E-02	5E-02	1.17E-01	6.00E-03	1E-06
	Vinyl Chloride	75014 A	9.60E-02	2.74E-01	2.80E-02	9E-01	1.17E-01	1.50E-02	2E-04
	-	_							
	Xylenes (Total)	1330207	2.22E-03	2.74E-01	2.00E+00 Total	3E-04 3E+00	1.17E-01	Total	2E-04
AOI 35	2-Methylnaphthalene	91576	1.85E-02	2.74E-01	2.00E-02	3E-01	1.17E-01		
	Acenaphthene	83329	2.00E-03	2.74E-01	6.00E-02	9E-03	1.17E-01		
	Dibenzofuran	132649	ND	2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	2.00E-03	2.74E-01	4.00E-02	1E-02	1.17E-01		
	Naphthalene	91203	5.00E-05	2.74E-01	9.00E-04	2E-02	1.17E-01		
	Pyrene		1.00E-04	2.74E-01	3.00E-02	9E-04	1.17E-01		
	1,4-Dichlorobenzene	106467	1.50E-04	2.74E-01	2.29E-01	2E-04	1.17E-01	2.20E-02	4E-07
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01	2.27E-01		1.17E-01	1.10E+00	
	· · · · · · · · · · · · · · · · · · ·								
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01	 5.60E.03	
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	4.41E-03	2.74E-01	1.40E-01	9E-03	1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	7.00E-04	2.74E-01	9.00E-03	2E-02	1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592	ND	2.74E-01 2.74E-01	1.00E-02		1.17E-01 1.17E-01		
	· · · · · · · · · · · · · · · · · · ·					 2E 04		 1 (5E 02	 1E 07
	Dichloromethane		7.70E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014_A	2.15E-03	2.74E-01	2.80E-02	2E-02	1.17E-01	1.50E-02	4E-06
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00		1.17E-01		
					Total	3E-01		Total	4E-06

		В	ased on RM	<i>IE Assumptions</i>	1				
AOI	Chemical	CAS Number	Cair	N	loncancer Risk			Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 36	2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01		
AOI 30		83329	ND	2.74E-01 2.74E-01	6.00E-02				
	Acenaphthene						1.17E-01		
	Dibenzofuran	132649		2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737	ND	2.74E-01	4.00E-02		1.17E-01		
	Naphthalene	91203	ND	2.74E-01	9.00E-04		1.17E-01		
	Pyrene	129000	5.00E-05	2.74E-01	3.00E-02	5E-04	1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	1.89E-03	2.74E-01	1.40E-01	4E-03	1.17E-01 1.17E-01	J.00L-02	
								2.005+00	
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590		2.74E-01	9.00E-03	5E-02	1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		7.72E-04	2.74E-01	1.00E-02	2E-02	1.17E-01	5.50E 05	
	Dichloromethane								1E-07
			5.75E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	
	Ethylbenzene	100414	ND	2.74E-01	2.90E-01		1.17E-01	3.85E-03	
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene	108883	ND	2.74E-01	1.14E-01		1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014_A	1.92E-03	2.74E-01	2.80E-02	2E-02	1.17E-01	1.50E-02	3E-06
	Xylenes (Total)	1330207	ND	2.74E-01	2.00E+00		1.17E-01		
					Total	9E-02		Total	3E-06
AOI 37	2-Methylnaphthalene Acenaphthene Dibenzofuran Fluorene Naphthalene	83329 132649	8.50E-02 9.53E-03 1.08E-02 1.78E-02 2.15E-03	2.74E-01 2.74E-01 2.74E-01 2.74E-01 2.74E-01	2.00E-02 6.00E-02 4.00E-03 4.00E-02 9.00E-04	1E+00 4E-02 7E-01 1E-01 7E-01	1.17E-01 1.17E-01 1.17E-01 1.17E-01 1.17E-01	 	
	Pyrene	129000	1.86E-03	2.74E-01 2.74E-01	3.00E-02	2E-02	1.17E-01 1.17E-01		
	1,4-Dichlorobenzene	106467	ND	2.74E-01 2.74E-01	2.29E-01	2E-02 	1.17E-01 1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	ND	2.74E-01	6.30E-01		1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane	75343	ND	2.74E-01	1.40E-01		1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene	540590	ND	2.74E-01	9.00E-03		1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	ND	2.74E-01	1.70E-03		1.17E-01	2.90E-02	
	Chlorodibromomethane	124481	ND	2.74E-01 2.74E-01	2.00E-02		1.17E-01 1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	ND	2.74E-01	2.90E+00		1.17E-01	2.90E-03	
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene	156592		2.74E-01	1.00E-02		1.17E-01		
	Dichloromethane		6.50E-04	2.74E-01	8.60E-01	2E-04	1.17E-01	1.65E-03	1E-07
	Ethylbenzene		3.25E-03	2.74E-01	2.90E-01	3E-03	1.17E-01	3.85E-03	1E-06
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene		1.95E-03	2.74E-01	1.14E-01	5E-03	1.17E-01		
	Trichloroethene	79016	ND	2.74E-01	1.00E-02		1.17E-01	6.00E-03	
	Vinyl Chloride	75014 A	ND	2.74E-01	2.80E-02		1.17E-01	1.50E-02	
	Xylenes (Total)	_	1.30E-02	2.74E-01 2.74E-01	2.00E+00	2E-03	1.17E-01 1.17E-01	1.30L-02	
	11,101100 (10111)	1550207	1.501-02	2.74L-01	Total	3E+00	1.1/15-01	Total	2E-06
					1 Otal	3E±00		ıotai	2E-00

		В	ased on RM	E Assumptions	5				
AOI	Chemical	CAS Number	Cair	N	Joncancer Risk			Cancer Risk	
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC
AOI 38	2-Methylnaphthalene	91576	3.25E-01	2.74E-01	2.00E-02	4E+00	1.17E-01		
110130	Acenaphthene		7.27E-03	2.74E-01	6.00E-02	3E-02	1.17E-01		
	Dibenzofuran		3.34E-02	2.74E-01	4.00E-03	2E+00	1.17E-01 1.17E-01		
	Fluorene		9.01E-03	2.74E-01	4.00E-02	6E-02	1.17E-01		
	Naphthalene	91203	3.86E-02	2.74E-01	9.00E-04	1E+01	1.17E-01		
	Pyrene	129000	5.06E-03	2.74E-01	3.00E-02	5E-02	1.17E-01		
	1,4-Dichlorobenzene	106467	6.89E-03	2.74E-01	2.29E-01	8E-03	1.17E-01	2.20E-02	2E-05
	bis(2-Chloroethyl)ether	111444	ND	2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane	71556	1.59E-01	2.74E-01	6.30E-01	7E-02	1.17E-01		
	1,1,2-Trichloroethane	79005	1.54E-03	2.74E-01	4.00E-03	1E-01	1.17E-01	5.60E-02	1E-05
	1,1-Dichloroethane	75343		2.74E-01	1.40E-01	1E-01	1.17E-01		
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00	
			5.00E-04			1E-01			5E-06
	1,2-Dichloroethane			2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene		2.19E-01	2.74E-01	9.00E-03	7E+00	1.17E-01		
	Acetone		3.29E-03	2.74E-01	1.00E-01	9E-03	1.17E-01		
	Benzene	71432	5.01E-03	2.74E-01	1.70E-03	8E-01	1.17E-01	2.90E-02	2E-05
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.57E-02	2.74E-01	2.90E+00	1E-03	1.17E-01	2.90E-03	5E-06
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		3.62E-01	2.74E-01	1.00E-02	1E+01	1.17E-01		
	Dichloromethane		1.21E-03	2.74E-01	8.60E-01	4E-04	1.17E-01	1.65E-03	2E-07
	Ethylbenzene	100414		2.74E-01 2.74E-01	2.90E-01	2E-02	1.17E-01 1.17E-01	3.85E-03	9E-06
			1.70E-03						
	Tetrachloroethene			2.74E-01	1.40E-01	3E-03	1.17E-01	1.00E-02	2E-06
	Toluene		6.86E-03	2.74E-01	1.14E-01	2E-02	1.17E-01		
	Trichloroethene		1.81E-02	2.74E-01	1.00E-02	5E-01	1.17E-01	6.00E-03	1E-05
	Vinyl Chloride	75014_A	3.47E-02	2.74E-01	2.80E-02	3E-01	1.17E-01	1.50E-02	6E-05
	Xylenes (Total)	1330207	2.81E-02	2.74E-01	2.00E+00	4E-03	1.17E-01		
					Total	4E+01		Total	1E-04
AOI SPRR	3 2-Methylnaphthalene	91576		2.74E-01	2.00E-02		1.17E-01		
	Acenaphthene	83329		2.74E-01	6.00E-02		1.17E-01		
	Dibenzofuran	132649		2.74E-01	4.00E-03		1.17E-01		
	Fluorene	86737		2.74E-01	4.00E-02		1.17E-01		
	Naphthalene	91203	1.80E-01	2.74E-01	9.00E-04	5E+01	1.17E-01		
	Pyrene	129000		2.74E-01	3.00E-02		1.17E-01		
	1,4-Dichlorobenzene	106467		2.74E-01	2.29E-01		1.17E-01	2.20E-02	
	bis(2-Chloroethyl)ether	111444		2.74E-01			1.17E-01	1.10E+00	
	1,1,1-Trichloroethane		3.90E-02	2.74E-01	6.30E-01	2E-02	1.17E-01		
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02	
	1,1-Dichloroethane		1.45E-01	2.74E-01	1.40E-01	3E-01	1.17E-01	3.00E 02	
	*	96184	ND	2.74E-01 2.74E-01	1.40E-01	JL-01 	1.17E-01 1.17E-01	2.00E+00	
	1,2,3-Trichloropropane								
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02	
	1,2-Dichloroethene		1.35E-01	2.74E-01	9.00E-03	4E+00	1.17E-01		
	Acetone	67641	ND	2.74E-01	1.00E-01		1.17E-01		
	Benzene	71432	2.60E-02	2.74E-01	1.70E-03	4E+00	1.17E-01	2.90E-02	9E-05
	Chlorodibromomethane	124481	ND	2.74E-01	2.00E-02		1.17E-01	8.40E-02	
	Chloroethane (Ethyl chloride)	75003	1.15E-01	2.74E-01	2.90E+00	1E-02	1.17E-01	2.90E-03	4E-05
	Chloromethane (Methyl chloride)	74873	ND	2.74E-01	2.60E-02		1.17E-01	3.50E-03	
	cis-1,2-Dichloroethene		1.35E-01	2.74E-01 2.74E-01	1.00E-02	4E+00	1.17E-01 1.17E-01	J.JOE-03	
	Dichloromethane		4.80E-03	2.74E-01 2.74E-01	8.60E-01	2E-03	1.17E-01 1.17E-01	1.65E-03	9E-07
			4.80E-03 7.50E-02						
	Ethylbenzene			2.74E-01	2.90E-01	7E-02	1.17E-01	3.85E-03	3E-05
	Tetrachloroethene	127184	ND	2.74E-01	1.40E-01		1.17E-01	1.00E-02	
	Toluene		6.00E-02	2.74E-01	1.14E-01	1E-01	1.17E-01		
	Trichloroethene	79016	5.00E-04	2.74E-01	1.00E-02	1E-02	1.17E-01	6.00E-03	4E-07
	Vinyl Chloride	75014_A	1.65E-01	2.74E-01	2.80E-02	2E+00	1.17E-01	1.50E-02	3E-04
	Xylenes (Total)	1330207	4.65E-01	2.74E-01	2.00E+00	6E-02	1.17E-01		
					Total	7E+01		Total	5E-04

AOI	Chemical	CAS Number	Cair	CAS Number Cair Noncancer Risk				Cancer Risk			
			(mg/m3)	RME HIFNC	Inhalation RfD	RiskNC	RME HIFC	Inhalation SF	RiskC		
AOI SPRR	5 2-Methylnaphthalene	91576	ND	2.74E-01	2.00E-02		1.17E-01				
	Acenaphthene	83329	ND	2.74E-01	6.00E-02		1.17E-01				
	Dibenzofuran	132649		2.74E-01	4.00E-03		1.17E-01				
	Fluorene	86737		2.74E-01	4.00E-02		1.17E-01				
	Naphthalene	91203		2.74E-01	9.00E-04		1.17E-01				
	Pyrene	129000		2.74E-01	3.00E-02		1.17E-01				
	1,4-Dichlorobenzene	106467	ND	2.74E-01	2.29E-01		1.17E-01	2.20E-02			
	bis(2-Chloroethyl)ether	111444		2.74E-01			1.17E-01	1.10E+00			
	1,1,1-Trichloroethane	71556	2.00E-03	2.74E-01	6.30E-01	9E-04	1.17E-01				
	1,1,2-Trichloroethane	79005	ND	2.74E-01	4.00E-03		1.17E-01	5.60E-02			
	1,1-Dichloroethane	75343	4.31E-02	2.74E-01	1.40E-01	8E-02	1.17E-01				
	1,2,3-Trichloropropane	96184	ND	2.74E-01	1.40E-03		1.17E-01	2.00E+00			
	1,2-Dichloroethane	107062	ND	2.74E-01	1.40E-03		1.17E-01	9.10E-02			
	1,2-Dichloroethene	540590	3.05E-02	2.74E-01	9.00E-03	9E-01	1.17E-01				
	Acetone	67641	3.00E-03	2.74E-01	1.00E-01	8E-03	1.17E-01				
	Benzene	71432	3.02E-01	2.74E-01	1.70E-03	5E+01	1.17E-01	2.90E-02	1E-03		
	Chlorodibromomethane	124481		2.74E-01	2.00E-02		1.17E-01	8.40E-02			
	Chloroethane (Ethyl chloride)	75003		2.74E-01	2.90E+00		1.17E-01	2.90E-03			
	Chloromethane (Methyl chloride)	74873		2.74E-01	2.60E-02		1.17E-01	3.50E-03			
	cis-1,2-Dichloroethene	156592		2.74E-01	1.00E-02		1.17E-01				
	Dichloromethane	75092		2.74E-01	8.60E-01		1.17E-01	1.65E-03			
	Ethylbenzene	100414		2.74E-01	2.90E-01		1.17E-01	3.85E-03			
	Tetrachloroethene	127184		2.74E-01	1.40E-01		1.17E-01	1.00E-02			
	Toluene	108883		2.74E-01	1.14E-01		1.17E-01				
	Trichloroethene	79016		2.74E-01	1.00E-02		1.17E-01	6.00E-03			
	Vinyl Chloride	75014_A		2.74E-01	2.80E-02		1.17E-01	1.50E-02			
	Xylenes (Total)	1330207		2.74E-01	2.00E+00		1.17E-01				
					Total	5E+01		Total	1E-03		

OFF-YARD RECREATIONAL VISITOR (ADULTS & CHILDREN)

- E.8 INGESTION OF SURFACE WATER
- E.9 INGESTION OF SEDIMENT
- E.10 INGESTION OF SURFACE SOIL
- **E.11 INGESTION OF FISH**
- E.12 INGESTION OF PCBs (AS TEQ) IN FISH



Based on CTE Assumptions for Adults

AOI	Chemical	CAS Number	Csw	No	ncancer Ri	sk	C	ancer Risk	
			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Dichloromethane	75092		9.78E-06	6.00E-02	2E-07	2.10E-06	7.50E-03	2E-11
					Total	2E-07		Total	2E-11
Buena Ventura Park Pond	Dichloromethane	75092	ND	9.78E-06	6.00E-02 Total	 	2.10E-06	7.50E-03 Total	
	D: 11 4	75002	1 425 02	0.705.06	(00F 02	25.07	2.100.06	7.50E.02	OF 11
Ogden River - Reach B	Dichloromethane	75092	1.42E-03	9.78E-06	6.00E-02 Total	2E-07 2E-07	2.10E-06	7.50E-03 Total	2E-11 2E-11
					Total	2E-07		Total	2E-11
Weber River - Reach A	Dichloromethane	75092	ND	9 78E-06	6.00E-02		2.10E-06	7 50E-03	
7, 6001 14, 61 116461111	2 iomoromovium.	,,,,,	1,12	J., 02 00	Total		2.102 00	Total	
Weber River - Reach B	Dichloromethane	75092	5.80E+00	9.78E-06	6.00E-02	9E-04	2.10E-06		9E-08
					Total	9E-04		Total	9E-08
w	5:11		1.655.00	0.507.06	600000	25.05	2.107.06	7. 500 00	25.11
Weber River - Reach C	Dichloromethane	75092	1.67E-03	9.78E-06	6.00E-02	3E-07	2.10E-06		3E-11
					Total	3E-07		Total	3E-11
Weber River - Reach D	Dichloromethane	75092	2.00E+00	9.78E-06	6.00E-02	3E-04	2.10E-06	7.50E-03	3E-08
				— • •	Total	3E-04		Total	3E-08

Based on CTE Assumptions for Children

AOI	Chemical	CAS Number	Csw	No	ncancer Ri	isk	Ca	ncer Risk	
-			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Dichloromethane	75092	9.84E-04	8.34E-05	6.00E-02	1E-06	5.96E-06	7.50E-03	4E-11
					Total	1E-06		Total	4E-11
Buena Ventura Park Pond	Dichloromethane	75092	ND	8.34E-05	6.00E-02 Total	 	5.96E-06	7.50E-03 Total	
0.1.0.0.10	D : 11	75000	1 405 00	0.245.05	6 00E 02	25.06	5.00E.00	7.500.02	CE 11
Ogden River - Reach B	Dichloromethane	75092	1.42E-03	8.34E-05			5.96E-06		6E-11
					Total	2E-06		Total	0E-11
Weber River - Reach A	Dichloromethane	75092	ND	8.34E-05	6.00E-02 Total	 	5.96E-06	7.50E-03 Total	
Weber River - Reach B	Dichloromethane	75092	5.80E+00	8 34F-05	6.00F-02	8F-03	5.96E-06	7 50F-03	3E-07
Webel River - Reach B	Diemoromethane	13092	J.60E+00	6.54E-05	Total	8E-03	J.90E-00	Total	3E-07
					10001	JL 03		10.001	
Weber River - Reach C	Dichloromethane	75092	1.67E-03	8.34E-05	6.00E-02	2E-06	5.96E-06	7.50E-03	7E-11
					Total	2E-06		Total	7E-11
Weber River - Reach D	Dichloromethane	75092	2.00E+00	8.34E-05	6.00E-02	3E-03	5.96E-06	7.50E-03	9E-08
					Total	3E-03		Total	9E-08

Based on RME Assumptions for Adults

AOI	Chemical	CAS Number	Csw	No	ncancer Ri	sk	Ca	ncer Risk	
			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Dichloromethane	75092	9.84E-04	3.91E-05	6.00E-02	6E-07	1.68E-05	7.50E-03	1E-10
					Total	6E-07		Total	1E-10
Buena Ventura Park Pond	Dichloromethane	75092	ND	3.91E-05	6.00E-02 Total	 	1.68E-05	7.50E-03 Total	
Orden Diver Beech D	Dichloromethane	75002	1 42E 02	2 01E 05	6.00E-02	9E-07	1.68E-05	7.50E.03	2E 10
Ogden River - Reach B	Dicinoromethane	73092	1.42E-03	3.91E-03	Total	9E-07 9E-07	1.06E-03	Total	2E-10 2E-10
					Total)L-07		Total	2L-10
Weber River - Reach A	Dichloromethane	75092	ND	3.91E-05	6.00E-02		1.68E-05	7.50E-03	
					Total			Total	
Weber River - Reach B	Dichloromethane	75092	5.80E+00	3.91E-05	6.00E-02 Total	4E-03 4E-03	1.68E-05	7.50E-03 Total	7E-07 7E-07
Weber River - Reach C	Dichloromethane	75092	1.67E-03	3.91E-05	6.00E-02 Total	1E-06 1E-06	1.68E-05	7.50E-03 Total	2E-10 2E-10
Weber River - Reach D	Dichloromethane	75092	2.00E+00	3.91E-05	6.00E-02 Total	1E-03 1E-03	1.68E-05	7.50E-03 Total	3E-07 3E-07

Based on RME Assumptions for Children

AOI	Chemical	CAS Number	Csw	No	ncancer Ri	sk	Ca	ncer Risk	
			(mg/L)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Dichloromethane	75092	9.84E-04	3.34E-04	6.00E-02	5E-06	4.76E-05	7.50E-03	4E-10
					Total	5E-06		Total	4E-10
Buena Ventura Park Pond	Dichloromethane	75092	ND	3.34E-04	6.00E-02 Total		4.76E-05	7.50E-03 Total	
O. J., Di., D. D., I. D.	Dial. I	75002	1 425 02	2.24E.04	(OOF O2	0F 06	4.7CE 05	7.500.02	5E 10
Ogden River - Reach B	Dichioromethane	/5092	1.42E-03	3.34E-04	6.00E-02 Total	8E-06	4.76E-05	Total	5E-10 5E-10
					Total	6E-00		Total	3E-10
Weber River - Reach A	Dichloromethane	75092	ND	3.34E-04	6.00E-02		4.76E-05	7.50E-03	
		,,,,			Total			Total	
Weber River - Reach B	Dichloromethane	75092	5.80E+00	3.34E-04	6.00E-02 Total	3E-02 3E-02	4.76E-05	7.50E-03 Total	2E-06 2E-06
Weber River - Reach C	Dichloromethane	75092	1.67E-03	3.34E-04	6.00E-02 Total	9E-06 9E-06	4.76E-05	7.50E-03 Total	6E-10 6E-10
Weber River - Reach D	Dichloromethane	75092	2.00E+00	3.34E-04	6.00E-02 Total	1E-02 1E-02	4.76E-05	7.50E-03 Total	7E-07 7E-07

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on CTE Assumptions for Adults

				Assumptions fo					
AOI	Chemical	CAS#	Csed		Noncancer Risl		******	Cancer Risk	n: 10
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Aroclor-1260	11096825	1.30E-01	1.96E-08	2.00E-05	1E-04	4.19E-09	2.00E+00	1E-09
	Benzo[a]anthracene	56553	2.45E+01	1.96E-08	2.00E-02	2E-05	4.19E-09	7.30E-01	8E-08
	Benzo[a]pyrene	50328	2.57E+01	1.96E-08	2.00E-02	3E-05	4.19E-09	7.30E+00	8E-07
	Benzo[b]fluoranthene	205992	1.21E+01	1.96E-08	2.00E-02	1E-05	4.19E-09	7.30E-01	4E-08
	Benzo[k]fluoranthene	207089	1.27E+01	1.96E-08	2.00E-02	1E-05	4.19E-09	7.30E-02	4E-09
	Dibenz[a,h]anthracene	53703	5.06E+00	1.96E-08	2.00E-02	5E-06	4.19E-09	7.30E+00	2E-07
	Indeno[1,2,3-c,d]pyrene		1.23E+01	1.96E-08	2.00E-02	1E-05	4.19E-09	7.30E-01	4E-08
	macho[1,2,5 e,a]pyrene	1,,,,,,	1.202.01	1.902 00	Total	2E-04	, 2 0,	Total	1E-06
					Total	2L-04		Total	1L-00
Buena Ventura Park Pond	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	3.80E-02	1.96E-08	2.00E-02	4E-08	4.19E-09	7.30E-01	1E-10
	Benzo[a]pyrene	50328	3.90E-02	1.96E-08	2.00E-02	4E-08	4.19E-09	7.30E+00	1E-09
	Benzo[b]fluoranthene	205992	6.10E-02	1.96E-08	2.00E-02	6E-08	4.19E-09	7.30E-01	2E-10
	Benzo[k]fluoranthene	207089	3.50E-02	1.96E-08	2.00E-02	3E-08	4.19E-09	7.30E-02	1E-11
	Dibenz[a,h]anthracene	53703	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Indeno[1,2,3-c,d]pyrene		1.60E-02	1.96E-08	2.00E-02	2E-08	4.19E-09	7.30E-00	5E-11
	macho[1,2,3-c,u]pyrenc	193393	1.00L-02	1.90L-08	Total	2E-08 2E-07	4.17L-07	Total	2E-09
Ogden River - Reach A	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	1.30E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E-01	4E-10
	Benzo[a]pyrene	50328	1.40E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E+00	4E-09
	Benzo[b]fluoranthene		9.90E-02	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E-01	3E-10
	Benzo[k]fluoranthene		8.70E-02	1.96E-08	2.00E-02	9E-08	4.19E-09	7.30E-02	3E-11
	Dibenz[a,h]anthracene		2.40E-02	1.96E-08	2.00E-02	2E-08	4.19E-09	7.30E+00	7E-10
								7.30E+00 7.30E-01	2E-10
	Indeno[1,2,3-c,d]pyrene	193393	6.60E-02	1.96E-08	2.00E-02	6E-08	4.19E-09		
					Total	5E-07		Total	6E-09
Ogden River - Reach B	Aroclor-1260	11096825	4.20E+00	1.96E-08	2.00E-05	4E-03	4.19E-09	2.00E+00	4E-08
Oguen River - Reach B	Benzo[a]anthracene		3.80E-01	1.96E-08	2.00E-02	4E-07	4.19E-09	7.30E-01	1E-09
	Benzo[a]pyrene		3.20E-01	1.96E-08	2.00E-02	3E-07	4.19E-09	7.30E+00	1E-08
	Benzo[b]fluoranthene		2.30E-01	1.96E-08	2.00E-02	2E-07	4.19E-09	7.30E-01	7E-10
	Benzo[k]fluoranthene		2.60E-01	1.96E-08	2.00E-02	3E-07	4.19E-09	7.30E-02	8E-11
	Dibenz[a,h]anthracene	53703	5.90E-02	1.96E-08	2.00E-02	6E-08	4.19E-09	7.30E+00	2E-09
	Indeno[1,2,3-c,d]pyrene	193395	1.80E-01	1.96E-08	2.00E-02	2E-07	4.19E-09	7.30E-01	6E-10
					Total	4E-03		Total	5E-08
			• • • • • • • • • • • • • • • • • • • •		• • • • •		4.407.00	• • • • • • • • • • • • • • • • • • • •	•== ••
Ogden River - Reach C	Aroclor-1260	11096825		1.96E-08	2.00E-05	2E-04	4.19E-09	2.00E+00	2E-09
	Benzo[a]anthracene	56553	1.30E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E-01	4E-10
	Benzo[a]pyrene	50328	1.10E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E+00	3E-09
	Benzo[b]fluoranthene	205992	1.00E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E-01	3E-10
	Benzo[k]fluoranthene	207089	9.40E-02	1.96E-08	2.00E-02	9E-08	4.19E-09	7.30E-02	3E-11
	Dibenz[a,h]anthracene	53703	2.20E-02	1.96E-08	2.00E-02	2E-08	4.19E-09	7.30E+00	7E-10
	Indeno[1,2,3-c,d]pyrene	193395	6.00E-02	1.96E-08	2.00E-02	6E-08	4.19E-09	7.30E-01	2E-10
					Total	2E-04		Total	7E-09
Weber River - Reach A	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.96E-08	2.00E-02 2.00E-02		4.19E-09	7.30E+00 7.30E-01	
	indeno[1,2,3-c,d]pyrene	193393	ND	1.90E-06	Total		4.19109	Total	
Weber River - Reach B	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	2 / 11 /				Total			Total	

$\textbf{APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT} \\ \textit{Based on CTE Assumptions for Adults}$

AOI	Chemical	CAS#	Csed]	Noncancer Risl	ζ.		Cancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
Weber River - Reach C	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	8.50E-02	1.96E-08	2.00E-02	8E-08	4.19E-09	7.30E-01	3E-10
	Benzo[a]pyrene	50328	7.60E-02	1.96E-08	2.00E-02	7E-08	4.19E-09	7.30E+00	2E-09
	Benzo[b]fluoranthene	205992	1.10E-01	1.96E-08	2.00E-02	1E-07	4.19E-09	7.30E-01	3E-10
	Benzo[k]fluoranthene	207089	3.70E-02	1.96E-08	2.00E-02	4E-08	4.19E-09	7.30E-02	1E-11
	Dibenz[a,h]anthracene	53703	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
					Total	3E-07		Total	3E-09
Weber River - Reach D	Aroclor-1260	11096825	ND	1.96E-08	2.00E-05		4.19E-09	2.00E+00	
	Benzo[a]anthracene	56553	8.00E-02	1.96E-08	2.00E-02	8E-08	4.19E-09	7.30E-01	2E-10
	Benzo[a]pyrene	50328	5.40E-02	1.96E-08	2.00E-02	5E-08	4.19E-09	7.30E+00	2E-09
	Benzo[b]fluoranthene	205992	7.50E-02	1.96E-08	2.00E-02	7E-08	4.19E-09	7.30E-01	2E-10
	Benzo[k]fluoranthene	207089	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.96E-08	2.00E-02		4.19E-09	7.30E-01	
	£ 7 7 3 3 HZ				Total	2E-07		Total	2E-09

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on CTE Assumptions for Children

		Base	d on CTE A	ssumptions fo	or Children				
AOI	Chemical	CAS#	Csed		Noncancer Risk	ζ.		Cancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Aroclor-1260	11096825		1.67E-07	2.00E-05	1E-03	1.19E-08	2.00E+00	3E-09
2150 50000 1 000	Benzo[a]anthracene		2.45E+01	1.67E-07	2.00E-02	2E-04	1.19E-08	7.30E-01	2E-07
	Benzo[a]pyrene		2.57E+01	1.67E-07	2.00E-02	2E-04	1.19E-08	7.30E+00	2E-06
	Benzo[b]fluoranthene		1.21E+01	1.67E-07	2.00E-02	1E-04	1.19E-08	7.30E-01	1E-07
	Benzo[k]fluoranthene		1.27E+01	1.67E-07	2.00E-02 2.00E-02	1E-04 1E-04	1.19E-08 1.19E-08	7.30E-01 7.30E-02	1E-07 1E-08
	Dibenz[a,h]anthracene		5.06E+00	1.67E-07	2.00E-02 2.00E-02	4E-05	1.19E-08 1.19E-08	7.30E-02 7.30E+00	4E-07
	Indeno[1,2,3-c,d]pyrene	193393	1.23E+01	1.67E-07	2.00E-02	1E-04	1.19E-08	7.30E-01	1E-07
					Total	2E-03		Total	3E-06
Buena Ventura Park Pond	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene		3.80E-02	1.67E-07	2.00E-02	3E-07	1.19E-08	7.30E-01	3E-10
	Benzo[a]pyrene		3.90E-02	1.67E-07	2.00E-02	3E-07	1.19E-08	7.30E+00	3E-09
	Benzo[b]fluoranthene		6.10E-02	1.67E-07	2.00E-02	5E-07	1.19E-08	7.30E-01	5E-10
	Benzo[k]fluoranthene		3.50E-02	1.67E-07	2.00E-02	3E-07	1.19E-08	7.30E-02	3E-11
	Dibenz[a,h]anthracene	53703	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene		1.60E-02	1.67E-07	2.00E-02	1E-07	1.19E-08	7.30E-01	1E-10
	macno[1,2,5 e,a]pyrene	175575	1.002 02	1.072 07	Total	2E-06	1.172 00	Total	4E-09
Ogden River - Reach A	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene	56553	1.30E-01	1.67E-07	2.00E-02	1E-06	1.19E-08	7.30E-01	1E-09
	Benzo[a]pyrene	50328	1.40E-01	1.67E-07	2.00E-02	1E-06	1.19E-08	7.30E+00	1E-08
	Benzo[b]fluoranthene	205992	9.90E-02	1.67E-07	2.00E-02	8E-07	1.19E-08	7.30E-01	9E-10
	Benzo[k]fluoranthene	207089	8.70E-02	1.67E-07	2.00E-02	7E-07	1.19E-08	7.30E-02	8E-11
	Dibenz[a,h]anthracene	53703	2.40E-02	1.67E-07	2.00E-02	2E-07	1.19E-08	7.30E+00	2E-09
	Indeno[1,2,3-c,d]pyrene	193395	6.60E-02	1.67E-07	2.00E-02	6E-07	1.19E-08	7.30E-01	6E-10
					Total	5E-06		Total	2E-08
Ogden River - Reach B	Aroclor-1260	11096825	4.20E+00	1.67E-07	2.00E-05	4E-02	1.19E-08	2.00E+00	1E-07
Oguen River - Reach B	Benzo[a]anthracene		3.80E-01	1.67E-07	2.00E-02	3E-06	1.19E-08	7.30E-01	3E-09
	Benzo[a]pyrene		3.20E-01	1.67E-07	2.00E-02	3E-06	1.19E-08	7.30E+00	3E-09
	Benzo[b]fluoranthene		2.30E-01	1.67E-07	2.00E-02 2.00E-02	2E-06	1.19E-08	7.30E-00 7.30E-01	2E-09
			2.60E-01	1.67E-07	2.00E-02 2.00E-02	2E-06	1.19E-08 1.19E-08	7.30E-01 7.30E-02	2E-09 2E-10
	Benzo[k]fluoranthene								
	Dibenz[a,h]anthracene		5.90E-02	1.67E-07	2.00E-02	5E-07	1.19E-08	7.30E+00	5E-09
	Indeno[1,2,3-c,d]pyrene	193395	1.80E-01	1.67E-07	2.00E-02	2E-06	1.19E-08	7.30E-01	2E-09
					Total	4E-02		Total	1E-07
Ogden River - Reach C	Aroclor-1260	11096825	2 30F-01	1.67E-07	2.00E-05	2E-03	1.19E-08	2.00E+00	5E-09
Oguen River - Reach C	Benzo[a]anthracene		1.30E-01	1.67E-07	2.00E-02	1E-06	1.19E-08	7.30E-01	1E-09
	Benzo[a]pyrene		1.10E-01	1.67E-07	2.00E-02 2.00E-02	9E-07	1.19E-08	7.30E+00	1E-09
			1.00E-01			8E-07			9E-10
	Benzo[b]fluoranthene			1.67E-07	2.00E-02 2.00E-02		1.19E-08	7.30E-01	8E-11
	Benzo[k]fluoranthene		9.40E-02	1.67E-07	2.00E-02 2.00E-02	8E-07	1.19E-08	7.30E-02	
	Dibenz[a,h]anthracene		2.20E-02	1.67E-07		2E-07	1.19E-08	7.30E+00	2E-09
	Indeno[1,2,3-c,d]pyrene	193393	6.00E-02	1.67E-07	2.00E-02	5E-07	1.19E-08	7.30E-01	5E-10
					Total	2E-03		Total	2E-08
Weber River - Reach A	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene	56553	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	macho[1,2,5 c,a]pyrene	1,55,5	T LD	1.07L 07	Total		1.17E 00	Total	
					Total			Tour	
Weber River - Reach B	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene	56553	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	Benzo[a]pyrene	50328	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
		-,,,,,,			Total		,2 00	Total	

${\bf APPENDIX~E.9~DETAILED~RISK~CALCULATION~TABLES~FOR~RECREATIONAL~VISITORS~FROM~SEDIMENT~Based~on~CTE~Assumptions~for~Children}$

		Dusc	u on CIL II.	sumpuons jo	Cittuicit				
AOI	Chemical	CAS#	Csed		Noncancer Ris	sk		Cancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
Weber River - Reach C	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene	56553	8.50E-02	1.67E-07	2.00E-02	7E-07	1.19E-08	7.30E-01	7E-10
	Benzo[a]pyrene	50328	7.60E-02	1.67E-07	2.00E-02	6E-07	1.19E-08	7.30E+00	7E-09
	Benzo[b]fluoranthene	205992	1.10E-01	1.67E-07	2.00E-02	9E-07	1.19E-08	7.30E-01	1E-09
	Benzo[k]fluoranthene	207089	3.70E-02	1.67E-07	2.00E-02	3E-07	1.19E-08	7.30E-02	3E-11
	Dibenz[a,h]anthracene	53703	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
					Total	3E-06		Total	8E-09
Weber River - Reach D	Aroclor-1260	11096825	ND	1.67E-07	2.00E-05		1.19E-08	2.00E+00	
	Benzo[a]anthracene	56553	8.00E-02	1.67E-07	2.00E-02	7E-07	1.19E-08	7.30E-01	7E-10
	Benzo[a]pyrene	50328	5.40E-02	1.67E-07	2.00E-02	5E-07	1.19E-08	7.30E+00	5E-09
	Benzo[b]fluoranthene	205992	7.50E-02	1.67E-07	2.00E-02	6E-07	1.19E-08	7.30E-01	7E-10
	Benzo[k]fluoranthene	207089	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	1.67E-07	2.00E-02		1.19E-08	7.30E-01	
	2				Total	2E-06		Total	6E-09

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on RME Assumptions for Adults

	i	Based on RME As	ssumptions	for Adults					
AOI	Chemical	CAS Number	Csed		ncancer Risl	<	C	ancer Risk	
1101	Chemical	C/15 I validei	(mg/kg)	HIFNC		RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Aroclor-1260	11096825	1.30E-01	7.83E-08	2.00E-05	5E-04	3.35E-08	2.00E+00	9E-09
	Benzo[a]anthracene	56553	2.45E+01	7.83E-08	2.00E-02	1E-04	3.35E-08	7.30E-01	6E-07
	Benzo[a]pyrene	50328	2.57E+01	7.83E-08	2.00E-02	1E-04	3.35E-08	7.30E+00	6E-06
	Benzo[b]fluoranthene	205992	1.21E+01	7.83E-08	2.00E-02	5E-05	3.35E-08	7.30E-01	3E-07
	Benzo[k]fluoranthene		1.27E+01	7.83E-08	2.00E-02	5E-05	3.35E-08	7.30E-02	3E-08
	Dibenz[a,h]anthracene		5.06E+00	7.83E-08	2.00E-02	2E-05	3.35E-08	7.30E+00	1E-06
	Indeno[1,2,3-c,d]pyrene	193395	1.23E+01	7.83E-08	2.00E-02	5E-05	3.35E-08	7.30E-01	3E-07
					Total	9E-04		Total	9E-06
Buena Ventura Park Pond	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
Buena ventura i ark i onu									
	Benzo[a]anthracene	56553	3.80E-02	7.83E-08	2.00E-02	1E-07	3.35E-08	7.30E-01	9E-10
	Benzo[a]pyrene	50328	3.90E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E+00	1E-08
	Benzo[b]fluoranthene	205992	6.10E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E-01	1E-09
	Benzo[k]fluoranthene	207089	3.50E-02	7.83E-08	2.00E-02	1E-07	3.35E-08	7.30E-02	9E-11
	Dibenz[a,h]anthracene	53703	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	1.60E-02	7.83E-08	2.00E-02	6E-08	3.35E-08	7.30E-01	4E-10
	macho[1,2,3-c,u]pyrene	175575	1.00L-02	7.03L-00			3.33L-06		1E-08
					Total	7E-07		Total	1E-08
Ogden River - Reach A	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
5	Benzo[a]anthracene	56553	1.30E-01	7.83E-08	2.00E-02	5E-07	3.35E-08	7.30E-01	3E-09
	Benzo[a]pyrene	50328	1.40E-01	7.83E-08	2.00E-02	5E-07		7.30E+00	3E-08
							3.35E-08		
	Benzo[b]fluoranthene	205992	9.90E-02	7.83E-08	2.00E-02	4E-07	3.35E-08	7.30E-01	2E-09
	Benzo[k]fluoranthene	207089	8.70E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E-02	2E-10
	Dibenz[a,h]anthracene	53703	2.40E-02	7.83E-08	2.00E-02	9E-08	3.35E-08	7.30E+00	6E-09
	Indeno[1,2,3-c,d]pyrene	193395	6.60E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E-01	2E-09
	macho[1,2,5 e,a]pyrene	1,00,0	0.002 02	7.002 00	Total	2E-06	J.JUL 00	Total	5E-08
					1 Ota1	2E-00		Total	3E-06
Ogden River - Reach B	Aroclor-1260	11096825	4.20E+00	7.83E-08	2.00E-05	2E-02	3.35E-08	2.00E+00	3E-07
	Benzo[a]anthracene	56553	3.80E-01	7.83E-08	2.00E-02	1E-06	3.35E-08	7.30E-01	9E-09
	Benzo[a]pyrene	50328	3.20E-01	7.83E-08	2.00E-02	1E-06	3.35E-08	7.30E+00	8E-08
	Benzo[b]fluoranthene	205992	2.30E-01	7.83E-08	2.00E-02	9E-07	3.35E-08	7.30E-01	6E-09
	Benzo[k]fluoranthene	207089	2.60E-01	7.83E-08	2.00E-02	1E-06	3.35E-08	7.30E-02	6E-10
	Dibenz[a,h]anthracene	53703	5.90E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E+00	1E-08
	Indeno[1,2,3-c,d]pyrene	193395	1.80E-01	7.83E-08	2.00E-02	7E-07	3.35E-08	7.30E-01	4E-09
					Total	2E-02		Total	4E-07
0 1 8: 8 10	1 1260	11006025	2 200 01	7.02F.00	2 005 05	OF 0.4	2.250.00	2 00E 00	2 E 00
Ogden River - Reach C	Aroclor-1260	11096825	2.30E-01	7.83E-08	2.00E-05	9E-04	3.35E-08	2.00E+00	2E-08
	Benzo[a]anthracene	56553	1.30E-01	7.83E-08	2.00E-02	5E-07	3.35E-08	7.30E-01	3E-09
	Benzo[a]pyrene	50328	1.10E-01	7.83E-08	2.00E-02	4E-07	3.35E-08	7.30E+00	3E-08
	Benzo[b]fluoranthene	205992	1.00E-01	7.83E-08	2.00E-02	4E-07	3.35E-08	7.30E-01	2E-09
	Benzo[k]fluoranthene	207089	9.40E-02	7.83E-08	2.00E-02	4E-07	3.35E-08	7.30E-02	2E-10
	Dibenz[a,h]anthracene	53703	2.20E-02	7.83E-08	2.00E-02	9E-08	3.35E-08	7.30E+00	5E-09
	Indeno[1,2,3-c,d]pyrene	193393	6.00E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E-01	1E-09
					Total	9E-04		Total	6E-08
Weber River - Reach A	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
Weber River Reden 11									
	Benzo[a]anthracene	56553	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
	Benzo[a]pyrene	50328	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-00	
	macho[1,2,3-c,u]pyrelle	173393	ND	7.05E-00			J.JJE-00		
					Total			Total	
Weber River - Reach B	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
	Benzo[a]anthracene	56553	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
	2 3								
	Benzo[a]pyrene	50328	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
		1/33/3	1112	,	Total		J.JJL-00	Total	
					1 Oldl			10141	

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on RME Assumptions for Adults

AOI	Chemical	CAS Number	Csed	No	ncancer Ris	k	C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
Weber River - Reach C	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
	Benzo[a]anthracene	56553	8.50E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E-01	2E-09
	Benzo[a]pyrene	50328	7.60E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E+00	2E-08
	Benzo[b]fluoranthene	205992	1.10E-01	7.83E-08	2.00E-02	4E-07	3.35E-08	7.30E-01	3E-09
	Benzo[k]fluoranthene	207089	3.70E-02	7.83E-08	2.00E-02	1E-07	3.35E-08	7.30E-02	9E-11
	Dibenz[a,h]anthracene	53703	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
					Total	1E-06		Total	2E-08
Weber River - Reach D	Aroclor-1260	11096825	ND	7.83E-08	2.00E-05		3.35E-08	2.00E+00	
Weber River Reach B	Benzo[a]anthracene	56553	8.00E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E-01	2E-09
	Benzo[a]pyrene	50328	5.40E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E+00	1E-08
	Benzo[b]fluoranthene	205992	7.50E-02	7.83E-08	2.00E-02	3E-07	3.35E-08	7.30E-01	2E-09
	Benzo[k]fluoranthene	207089	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	7.83E-08	2.00E-02		3.35E-08	7.30E-01	
					Total	8E-07		Total	2E-08

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on RME Assumptions for Children

	В	ased on RME Ass	sumptions fe	or Children					
AOI	Chemical	CAS Number	Csed		ncancer Ris	k	C	ancer Risk	
AOI	Chemical	CAS Number							D:-1-C
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Aroclor-1260	11096825	1.30E-01	6.67E-07	2.00E-05	4E-03	9.53E-08	2.00E+00	2E-08
	Benzo[a]anthracene	56553	2.45E+01	6.67E-07	2.00E-02	8E-04	9.53E-08	7.30E-01	2E-06
	Benzo[a]pyrene	50328	2.57E+01	6.67E-07	2.00E-02	9E-04	9.53E-08	7.30E+00	2E-05
	Benzo[b]fluoranthene		1.21E+01	6.67E-07	2.00E-02	4E-04	9.53E-08	7.30E-01	8E-07
	Benzo[k]fluoranthene		1.27E+01	6.67E-07	2.00E-02	4E-04	9.53E-08	7.30E-02	9E-08
	Dibenz[a,h]anthracene	53703	5.06E+00	6.67E-07	2.00E-02	2E-04	9.53E-08	7.30E+00	4E-06
	Indeno[1,2,3-c,d]pyrene	193395	1.23E+01	6.67E-07	2.00E-02	4E-04	9.53E-08	7.30E-01	9E-07
					Total	7E-03		Total	2E-05
					Total	/L-03		Total	211-03
Buena Ventura Park Pond	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05	 1E.06	9.53E-08	2.00E+00	 2E.00
	Benzo[a]anthracene	56553		6.67E-07	2.00E-02	1E-06	9.53E-08	7.30E-01	3E-09
	Benzo[a]pyrene	50328	3.90E-02	6.67E-07	2.00E-02	1E-06	9.53E-08	7.30E+00	3E-08
	Benzo[b]fluoranthene	205992	6.10E-02	6.67E-07	2.00E-02	2E-06	9.53E-08	7.30E-01	4E-09
	Benzo[k]fluoranthene	207089	3.50E-02	6.67E-07	2.00E-02	1E-06	9.53E-08	7.30E-02	2E-10
	Dibenz[a,h]anthracene	53703	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	1.60E-02	6.67E-07	2.00E-02	5E-07	9.53E-08	7.30E-01	1E-09
					Total	6E-06		Total	4E-08
Ogden River - Reach A	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05		9.53E-08	2.00E+00	
	Benzo[a]anthracene	56553	1.30E-01	6.67E-07	2.00E-02	4E-06	9.53E-08	7.30E-01	9E-09
	Benzo[a]pyrene	50328	1.40E-01	6.67E-07	2.00E-02	5E-06	9.53E-08	7.30E+00	1E-07
	Benzo[b]fluoranthene	205992	9.90E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-01	7E-09
					2.00E-02 2.00E-02				
	Benzo[k]fluoranthene	207089	8.70E-02	6.67E-07		3E-06	9.53E-08	7.30E-02	6E-10
	Dibenz[a,h]anthracene	53703	2.40E-02	6.67E-07	2.00E-02	8E-07	9.53E-08	7.30E+00	2E-08
	Indeno[1,2,3-c,d]pyrene	193395	6.60E-02	6.67E-07	2.00E-02	2E-06	9.53E-08	7.30E-01	5E-09
	2 / / / 113				Total	2E-05		Total	1E-07
0 1 10 1 10	1 1260	1100 (025	4.20E - 00	6 6 5 E 05	2.000.05	15.01	0.525.00	2.005.00	0E 0 5
Ogden River - Reach B	Aroclor-1260		4.20E+00	6.67E-07	2.00E-05	1E-01	9.53E-08	2.00E+00	8E-07
	Benzo[a]anthracene	56553	3.80E-01	6.67E-07	2.00E-02	1E-05	9.53E-08	7.30E-01	3E-08
	Benzo[a]pyrene	50328	3.20E-01	6.67E-07	2.00E-02	1E-05	9.53E-08	7.30E+00	2E-07
	Benzo[b]fluoranthene	205992	2.30E-01	6.67E-07	2.00E-02	8E-06	9.53E-08	7.30E-01	2E-08
	Benzo[k]fluoranthene	207089	2.60E-01	6.67E-07	2.00E-02	9E-06	9.53E-08	7.30E-02	2E-09
	Dibenz[a,h]anthracene	53703	5.90E-02	6.67E-07	2.00E-02	2E-06	9.53E-08	7.30E+00	4E-08
	Indeno[1,2,3-c,d]pyrene	193395	1.80E-01	6.67E-07	2.00E-02	6E-06	9.53E-08	7.30E-01	1E-08
					Total	1E-01		Total	1E-06
Ogden River - Reach C	Aroclor-1260	11096825	2.30E-01	6.67E-07	2.00E-05	8E-03	9.53E-08	2.00E+00	4E-08
98	Benzo[a]anthracene	56553	1.30E-01	6.67E-07	2.00E-02	4E-06	9.53E-08	7.30E-01	9E-09
	Benzo[a]pyrene	50328	1.10E-01	6.67E-07	2.00E-02	4E-06	9.53E-08	7.30E+00	8E-08
	Benzo[b]fluoranthene	205992	1.00E-01	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-01	7E-09
	Benzo[k]fluoranthene	207089	9.40E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-02	7E-10
	Dibenz[a,h]anthracene	53703	2.20E-02	6.67E-07	2.00E-02	7E-07	9.53E-08	7.30E+00	2E-08
	Indeno[1,2,3-c,d]pyrene		6.00E-02	6.67E-07	2.00E-02	2E-06	9.53E-08	7.30E-01	4E-09
	macho[1,2,5 e,a]pyrene	1,55,5	0.00E 02	0.07E 07	Total	8E-03	7.55E 00		
					Total	8E-03		Total	2E-07
Weber River - Reach A	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05		9.53E-08	2.00E+00	
	Benzo[a]anthracene	56553	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.67E-07	2.00E-02 2.00E-02		9.53E-08	7.30E-01 7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
					Total			Total	
Weber River - Reach B	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05		9.53E-08	2.00E+00	
	Benzo[a]anthracene	56553	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
	Benzo[a]pyrene	50328	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Benzo[b]fluoranthene	205992	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
	Benzo[k]fluoranthene	207089	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
	L 7 77-1[7]	,			Total			Total	
					10111	-		10111	

APPENDIX E.9 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SEDIMENT Based on RME Assumptions for Children

	Σ,		impite its je						
AOI	Chemical	CAS Number	Csed	No	ncancer Ris	k	C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
Weber River - Reach C	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05		9.53E-08	2.00E+00	
	Benzo[a]anthracene	56553	8.50E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-01	6E-09
	Benzo[a]pyrene	50328	7.60E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E+00	5E-08
	Benzo[b]fluoranthene	205992	1.10E-01	6.67E-07	2.00E-02	4E-06	9.53E-08	7.30E-01	8E-09
	Benzo[k]fluoranthene	207089	3.70E-02	6.67E-07	2.00E-02	1E-06	9.53E-08	7.30E-02	3E-10
	Dibenz[a,h]anthracene	53703	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
					Total	1E-05		Total	7E-08
Weber River - Reach D	Aroclor-1260	11096825	ND	6.67E-07	2.00E-05		9.53E-08	2.00E+00	
	Benzo[a]anthracene	56553	8.00E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-01	6E-09
	Benzo[a]pyrene	50328	5.40E-02	6.67E-07	2.00E-02	2E-06	9.53E-08	7.30E+00	4E-08
	Benzo[b]fluoranthene	205992	7.50E-02	6.67E-07	2.00E-02	3E-06	9.53E-08	7.30E-01	5E-09
	Benzo[k]fluoranthene	207089	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-02	
	Dibenz[a,h]anthracene	53703	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
	Indeno[1,2,3-c,d]pyrene	193395	ND	6.67E-07	2.00E-02		9.53E-08	7.30E-01	
					Total	7E-06		Total	5E-08

APPENDIX E.10 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SURFACE SOIL Based on CTE Assumptions for Adults

AOI	Chemical	CAS Number	Csoil	No.	ncancer Ris	k	C	ancer Risk	
		CI IS I (unio ci	(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Arsenic	7440382	9.16E+00	1.96E-08	3.00E-04	6E-04	4.19E-09	1.50E+00	6E-08
	Benzo[a]pyrene	50328	9.28E-01	1.96E-08	2.00E-02	9E-07	4.19E-09	7.30E+00	3E-08
					Total	6E-04		Total	9E-08
Weber River - Reach A	Arsenic	7440382	2.20E+01	1.96E-08	3.00E-04	1E-03	4.19E-09	1.50E+00	1E-07
	Benzo[a]pyrene	50328	ND	1.96E-08	2.00E-02		4.19E-09	7.30E+00	
					Total	1E-03		Total	1E-07
Weber River - Reach B	Arsenic	7440382	3.73E+00	1.96E-08	3.00E-04	2E-04	4.19E-09	1.50E+00	2E-08
	Benzo[a]pyrene	50328	4.40E-01	1.96E-08	2.00E-02	4E-07	4.19E-09	7.30E+00	1E-08
	2 32 7				Total	2E-04		Total	4E-08
Weber River - Reach C	Arsenic	7440382	7.40E+00	1.96E-08	3.00E-04	5E-04	4.19E-09	1.50E+00	5E-08
Wood Invol	Benzo[a]pyrene	50328	4.00E-02	1.96E-08	2.00E-02	4E-08	4.19E-09	7.30E+00	1E-09
	· · · · · · · · · · · · · · · · · · ·				Total	5E-04		Total	5E-08
W 1 D' D 1 D		7440202	4.155+00	1.000.00	2.005.04	25.04	4.105.00	1.500.00	25.00
Weber River - Reach D	Arsenic	7440382	4.15E+00	1.96E-08	3.00E-04	3E-04	4.19E-09	1.50E+00	3E-08
	Benzo[a]pyrene	50328	1.40E-01	1.96E-08	2.00E-02	1E-07 3E-04	4.19E-09	7.30E+00	4E-09 3E-08
					Total	3E-04		Total	3E-08

APPENDIX E.10 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SURFACE SOIL Based on CTE Assumptions for Children

	Buscu on CIE Assumptions for Chitaren								
AOI	Chemical	CAS Number	Csoil	No	ncancer Ris	k	C	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Arsenic	7440382	9.16E+00	1.67E-07	3.00E-04	5E-03	1.19E-08	1.50E+00	2E-07
	Benzo[a]pyrene	50328	9.28E-01	1.67E-07	2.00E-02	8E-06	1.19E-08	7.30E+00	8E-08
					Total	5E-03		Total	2E-07
Weber River - Reach A	Arsenic	7440382	2.20E+01	1.67E-07	3.00E-04	1E-02	1.19E-08	1.50E+00	4E-07
	Benzo[a]pyrene	50328	ND	1.67E-07	2.00E-02		1.19E-08	7.30E+00	
					Total	1E-02		Total	4E-07
Weber River - Reach B	Arsenic	7440382	3.73E+00	1.67E-07	3.00E-04	2E-03	1.19E-08	1.50E+00	7E-08
	Benzo[a]pyrene	50328	4.40E-01	1.67E-07	2.00E-02	4E-06	1.19E-08	7.30E+00	4E-08
					Total	2E-03		Total	1E-07
Weber River - Reach C	Arsenic	7440382	7.40E+00	1.67E-07	3.00E-04	4E-03	1.19E-08	1.50E+00	1E-07
	Benzo[a]pyrene	50328	4.00E-02	1.67E-07	2.00E-02	3E-07	1.19E-08	7.30E+00	3E-09
					Total	4E-03		Total	1E-07
Weber River - Reach D	Arsenic	7440382	4.15E+00	1.67E-07	3.00E-04	2E-03	1.19E-08	1.50E+00	7E-08
	Benzo[a]pyrene	50328	1.40E-01	1.67E-07	2.00E-02	1E-06	1.19E-08	7.30E+00	1E-08
					Total	2E-03		Total	9E-08

APPENDIX E.10 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SURFACE SOIL Based on RME Assumptions for Adults

AOI	Chemical	CAS Number	Csoil	Nor	ncancer Risk		C	ancer Risk	r Risk		
	Chemical	Cris ivaniou	(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC		
21st Street Pond	Arsenic	7440382	9.16E+00	7.83E-08	3.00E-04	2E-03	3.35E-08	1.50E+00	5E-07		
	Benzo[a]pyrene	50328	9.28E-01	7.83E-08	2.00E-02	4E-06	3.35E-08	7.30E+00	2E-07		
					Total	2E-03		Total	7E-07		
Weber River - Reach A	Arsenic	7440382	2.20E+01	7.83E-08	3.00E-04	6E-03	3.35E-08	1.50E+00	1E-06		
	Benzo[a]pyrene	50328	ND	7.83E-08	2.00E-02		3.35E-08	7.30E+00			
					Total	6E-03		Total	1E-06		
Weber River - Reach B	Arsenic	7440382	3.73E+00	7.83E-08	3.00E-04	1E-03	3.35E-08	1.50E+00	2E-07		
	Benzo[a]pyrene	50328	4.40E-01	7.83E-08	2.00E-02	2E-06	3.35E-08	7.30E+00	1E-07		
					Total	1E-03		Total	3E-07		
Weber River - Reach C	Arsenic	7440382	7.40E+00	7.83E-08	3.00E-04	2E-03	3.35E-08	1.50E+00	4E-07		
	Benzo[a]pyrene	50328	4.00E-02	7.83E-08	2.00E-02	2E-07	3.35E-08	7.30E+00	1E-08		
					Total	2E-03		Total	4E-07		
Weber River - Reach D	Arsenic	7440382	4.15E+00	7.83E-08	3.00E-04	1E-03	3.35E-08	1.50E+00	2E-07		
	Benzo[a]pyrene	50328	1.40E-01	7.83E-08	2.00E-02	5E-07	3.35E-08	7.30E+00	3E-08		
					Total	1E-03		Total	2E-07		

APPENDIX E.10 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM SURFACE SOIL Based on RME Assumptions for Children

AOI	Chemical	CAS Number	Csoil	Nor	ncancer Risk		Ca	ancer Risk	
			(mg/kg)	HIFNC	Oral RfD	RiskNC	HIFC	Oral SF	RiskC
21st Street Pond	Arsenic	7440382	9.16E+00	6.67E-07	3.00E-04	2E-02	9.53E-08	1.50E+00	1E-06
	Benzo[a]pyrene	50328	9.28E-01	6.67E-07	2.00E-02	3E-05	9.53E-08	7.30E+00	6E-07
					Total	2E-02		Total	2E-06
Weber River - Reach A	Arsenic	7440382	2.20E+01	6.67E-07	3.00E-04	5E-02	9.53E-08	1.50E+00	3E-06
	Benzo[a]pyrene	50328	ND	6.67E-07	2.00E-02		9.53E-08	7.30E+00	
					Total	5E-02		Total	3E-06
Weber River - Reach B	Arsenic	7440382	3.73E+00	6.67E-07	3.00E-04	8E-03	9.53E-08	1.50E+00	5E-07
	Benzo[a]pyrene	50328	4.40E-01	6.67E-07	2.00E-02	1E-05	9.53E-08	7.30E+00	3E-07
					Total	8E-03		Total	8E-07
Weber River - Reach C	Arsenic	7440382	7.40E+00	6.67E-07	3.00E-04	2E-02	9.53E-08	1.50E+00	1E-06
	Benzo[a]pyrene	50328	4.00E-02	6.67E-07	2.00E-02	1E-06	9.53E-08	7.30E+00	3E-08
					Total	2E-02		Total	1E-06
Weber River - Reach D	Arsenic	7440382	4.15E+00	6.67E-07	3.00E-04	9E-03	9.53E-08	1.50E+00	6E-07
	Benzo[a]pyrene	50328	1.40E-01	6.67E-07	2.00E-02	5E-06	9.53E-08	7.30E+00	1E-07
					Total	9E-03		Total	7E-07

APPENDIX E.11 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM FISH

Based on CTE Assumptions for Adults

		Duseu on C	C1L Assumpii	ons for Munis						
AOI	Chemical	CAS Number	Cfish	None	Noncancer Risk			Cancer Risk		
			(mg/kg ww)	CTE HIFNC	Oral RfD	RiskNC	CTE HIFC	Oral SF	RiskC	
21st Street Pond	Aroclor-1260	11096825	8.04E-01	2.19E-05	2.00E-05	9E-01	4.70E-06	2.00E+00	8E-06	
	4,4'-DDE	72559	3.54E-01	2.19E-05	5.00E-04	2E-02	4.70E-06	3.40E-01	6E-07	
	bis(2-Ethylhexyl)phthalate	117817	1.48E+00	2.19E-05	2.00E-02	2E-03	4.70E-06	1.40E-02	1E-07	
					Total	9E-01		Total	8E-06	
					PCB	9E-01		PCB	8E-06	
					Non-PCB	2E-02		Non-PCB	7E-07	

APPENDIX E.11 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM FISH Based on CTE Assumptions for Children

			· ·					
Chemical	CAS Number	Cfish	None	cancer Risk		Ca	ıncer Risk	
		(mg/kg ww)	CTE HIFNC	Oral RfD	RiskNC	CTE HIFC	Oral SF	RiskC
Aroclor-1260	11096825	8.04E-01	1.95E-05	2.00E-05	8E-01	1.39E-06	2.00E+00	2E-06
4,4'-DDE	72559	3.54E-01	1.95E-05	5.00E-04	1E-02	1.39E-06	3.40E-01	2E-07
bis(2-Ethylhexyl)phthalate	117817	1.48E+00	1.95E-05	2.00E-02	1E-03	1.39E-06	1.40E-02	3E-08
				Total	8E-01		Total	2E-06
				PCB	8E-01		PCB	2E-06
				Non-PCB	2E-02		Non-PCB	2E-07
	4,4'-DDE	Chemical CAS Number Aroclor-1260 11096825 4,4'-DDE 72559	Chemical CAS Number (mg/kg ww) Cfish (mg/kg ww) Aroclor-1260 11096825 8.04E-01 4,4'-DDE 72559 3.54E-01	Chemical CAS Number (mg/kg ww) Cfish (mg/kg ww) None (mg/kg ww) Aroclor-1260 11096825 8.04E-01 1.95E-05 4,4'-DDE 72559 3.54E-01 1.95E-05	Aroclor-1260 11096825 8.04E-01 1.95E-05 2.00E-05 4,4'-DDE 72559 3.54E-01 1.95E-05 5.00E-04 bis(2-Ethylhexyl)phthalate 117817 1.48E+00 1.95E-05 2.00E-02 Total PCB	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Chemical CAS Number (mg/kg ww) Cfish (mg/kg ww) Non-teer Risk Cask (Cask Miss) Cask	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

APPENDIX E.11 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM FISH

Based on RME Assumptions for Adults

		Duseu on 1	will hissumpi	ions for mains					
AOI	Chemical	CAS Number	Cfish	None	cancer Risk		Ca	ncer Risk	
			(mg/kg ww)	RME HIFNC	Oral RfD	RiskNC	RME HIFC	Oral SF	RiskC
21st Street Pond	Aroclor-1260	11096825	8.04E-01	1.37E-04	2.00E-05	6E+00	5.87E-05	2.00E+00	9E-05
	4,4'-DDE	72559	3.54E-01	1.37E-04	5.00E-04	1E-01	5.87E-05	3.40E-01	7E-06
	bis(2-Ethylhexyl)phthalate	117817	1.48E+00	1.37E-04	2.00E-02	1E-02	5.87E-05	1.40E-02	1E-06
					Total	6E+00		Total	1E-04
					PCB	6E+00		PCB	9E-05
					Non-PCB	1E-01		Non-PCB	8E-06

APPENDIX E.11 DETAILED RISK CALCULATION TABLES FOR RECREATIONAL VISITORS FROM FISH

Based on RME Assumptions for Children

		Duseu on R.	игь льзитрис	ms joi Chilarei	ι					
AOI	Chemical	CAS Number	Cfish	n Noncancer Risk				Cancer Risk		
			(mg/kg ww)	RME HIFNC	Oral RfD	RiskNC	RME HIFC	Oral SF	RiskC	
21st Street Pond	Aroclor-1260	11096825	8.04E-01	1.22E-04	2.00E-05	5E+00	1.74E-05	2.00E+00	3E-05	
	4,4'-DDE	72559	3.54E-01	1.22E-04	5.00E-04	9E-02	1.74E-05	3.40E-01	2E-06	
	bis(2-Ethylhexyl)phthalate	117817	1.48E+00	1.22E-04	2.00E-02	9E-03	1.74E-05	1.40E-02	4E-07	
					Total	5E+00		Total	3E-05	
					PCB	5E+00		PCB	3E-05	
					Non-PCB	1E-01		Non-PCB	2E-06	

APPENDIX E.12 DETAILED RISK CALCULATIONS FOR RECREATIONAL VISITORS FROM INGESTION OF PCBs (AS CONGENERS) IN FISH

Sample ID	Reach	Media	Matrix	Species Type	Parameter	CAS	Adj Units	Adj Conc	TEF_Mammals	TEQ (ppt)	Total TEQ (ppt)
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	863	0.0001	0.0863	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	55.2	0.0005	0.0276	
3-OG-03042	Ogden River - Reach A Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	2360	0.0001	0.236	
3-OG-03042 3-OG-03042	Ogden River - Reach A Ogden River - Reach A	Fish Tissue Fish Tissue	fillet fillet	Game Game	PCB-123 PCB-126	65510-44-3 57465-28-8	ppt ww ppt ww	5.35	0.0001	0.00424 0.535	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	293	0.0005	0.333	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	64.5	0.0005	0.03225	1.2
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	136	0.00001	0.00136	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	10.7	0.01	0.107	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	10.7	0.0001	0.00107	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	43	0.0001	0.0043	
3-OG-03042	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	1.07	0.0001	0.000107	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-105	32598-14-4	ppt ww	6710	0.0001	0.671	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-114	74472-37-0	ppt ww	694	0.0005	0.347	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-118	31508-00-6	ppt ww	33900	0.0001	3.39	
3-OG-03053 3-OG-03053	Ogden River - Reach B	Fish Tissue Fish Tissue	whole body	Other Other	PCB-123 PCB-126	65510-44-3 57465-28-8	ppt ww	73.5	0.0001	0.0422 7.35	
3-OG-03053	Ogden River - Reach B Ogden River - Reach B	Fish Tissue	whole body whole body	Other	PCB-126	38380-08-4	ppt ww ppt ww	9380	0.0005	4.69	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-157	69782-90-7	ppt ww	994	0.0005	0.497	17.5
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-167	52663-72-6	ppt ww	6350	0.00001	0.0635	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-169	32774-16-6	ppt ww	26	0.01	0.26	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-189	39635-31-9	ppt ww	1890	0.0001	0.189	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-77	32598-13-3	ppt ww	2.18	0.0001	0.000218	
3-OG-03053	Ogden River - Reach B	Fish Tissue	whole body	Other	PCB-81	70362-50-4	ppt ww	2.24	0.0001	0.000224	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	1650	0.0001	0.165	•
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	98.8	0.0005	0.0494	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	6210	0.0001	0.621	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	9.9	0.0001	0.00099	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	25.7	0.1	2.57	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	3970	0.0005	1.985	5.8
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	353	0.0005 0.00001	0.1765	
3-OG-03060 3-OG-03060	Ogden River - Reach B	Fish Tissue Fish Tissue	fillet fillet	Game Game	PCB-167 PCB-169	52663-72-6 32774-16-6	ppt ww	9.65	0.00001	0.0141 0.0965	
3-OG-03060	Ogden River - Reach B Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww ppt ww	719	0.001	0.0965	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	37.9	0.0001	0.00379	
3-OG-03060	Ogden River - Reach B	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.965	0.0001	0.0000965	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	446	0.0001	0.0446	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	35.3	0.0005	0.01765	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	1210	0.0001	0.121	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	4.755	0.0001	0.0004755	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	4.755	0.1	0.4755	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	138	0.0005	0.069	0.8
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	29.4	0.0005	0.0147	0.0
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	72.5	0.00001	0.000725	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	9.5	0.01	0.095	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	9.5	0.0001	0.00095	
3-OG-03084	Buena Ventura Park Pond	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	34.2	0.0001	0.00342	
3-OG-03084 3-OG-03120	Buena Ventura Park Pond 21st Street Pond	Fish Tissue Fish Tissue	fillet fillet	Game Game	PCB-81 PCB-105	70362-50-4 32598-14-4	ppt ww	0.95 570	0.0001 0.0001	0.000095	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-103	74472-37-0	ppt ww ppt ww	44.1	0.0001	0.02205	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	2310	0.0003	0.02203	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	10.95	0.0001	0.001095	
3-OG-03120	21st Street Pond	Fish Tissue		Game	PCB-126	57465-28-8	ppt ww	23.3	0.1	2.33	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	718	0.0005	0.359	2.0
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	84.2	0.0005	0.0421	3.2
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	429	0.00001	0.00429	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	9.65	0.01	0.0965	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	156	0.0001	0.0156	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	33.9	0.0001	0.00339	
3-OG-03120	21st Street Pond	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.965	0.0001	0.0000965	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	376	0.0001	0.0376	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	30.2	0.0005	0.0151	
3-OG-03121 3-OG-03121	21st Street Pond 21st Street Pond	Fish Tissue Fish Tissue	fillet fillet	Game Game	PCB-118 PCB-123	31508-00-6 65510-44-3	ppt ww	1510 10.65	0.0001 0.0001	0.151 0.001065	
3-OG-03121	21st Street Pond 21st Street Pond	Fish Tissue	fillet	Game	PCB-123 PCB-126	57465-28-8	ppt ww ppt ww	13.7	0.0001	1.37	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-126	38380-08-4	ppt ww	475	0.0005	0.2375	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	54.5	0.0005	0.02725	2.0
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	250	0.00001	0.0025	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	9.7	0.01	0.097	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	95.3	0.0001	0.00953	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	26.2	0.0001	0.00262	
3-OG-03121	21st Street Pond	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.97	0.0001	0.000097	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	586	0.0001	0.0586	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	38	0.0005	0.019	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	1670	0.0001	0.167	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	8.1	0.0001	0.00081	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	11.3	0.1	1.13	
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	496	0.0005	0.248	1.8
3-OG-03133 3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	61.3	0.0005	0.03065	
	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	136	0.00001	0.00136	
	Weber Divor Decah D	Figh Ticon-									
3-OG-03133	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-189	32774-16-6	ppt ww	9.8 45.5	0.01	0.098	
3-OG-03133 3-OG-03133 3-OG-03133	Weber River - Reach D Weber River - Reach D Weber River - Reach D	Fish Tissue Fish Tissue Fish Tissue	fillet	Game Game	PCB-169 PCB-189 PCB-77	39635-31-9 32598-13-3	ppt ww ppt ww	45.5 48.8	0.001 0.0001 0.0001	0.098 0.00455 0.00488	

APPENDIX E.12 DETAILED RISK CALCULATIONS FOR RECREATIONAL VISITORS FROM INGESTION OF PCBs (AS CONGENERS) IN FISH

											Total TEQ
Sample ID	Reach	Media	Matrix	Species Type	Parameter	CAS	Adj Units	Adj Conc	TEF_Mammals	TEQ (ppt)	(ppt)
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	2530	0.0001	0.253	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	161	0.0005	0.0805	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	7250	0.0001	0.725	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	15.15	0.0001	0.001515	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	18	0.1	1.8	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	970	0.0005	0.485	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	235	0.0005	0.1175	3.7
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	495	0.00001	0.00495	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	16.35	0.01	0.1635	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	106	0.0001	0.0106	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	109	0.0001	0.0109	
3-OG-03156	Weber River - Reach D	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.95	0.0001	0.000095	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	1200	0.0001	0.12	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	73.5	0.0005	0.03675	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	4490	0.0003	0.449	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	15.7	0.0001	0.00157	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	24.4	0.1	2.44	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	1650	0.0005	0.825	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	163	0.0005	0.0815	4.1
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	681	0.00001	0.00681	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	9.75	0.01	0.0975	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	269	0.0001	0.0269	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	56	0.0001	0.0056	
3-OG-03195	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.975	0.0001	0.0000975	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	1680	0.0001	0.168	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	104	0.0005	0.052	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	6370	0.0001	0.637	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	15.4	0.0001	0.00154	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	30	0.1	3	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	2280	0.0005	1.14	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	228	0.0005	0.114	7.7
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	994	0.00001	0.00994	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	250	0.01	2.5	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	428	0.0001	0.0428	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	76.6	0.0001	0.00766	
3-OG-03196	Ogden River - Reach C	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	1	0.0001	0.0001	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-105	32598-14-4	ppt ww	699	0.0001	0.0699	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-114	74472-37-0	ppt ww	44.9	0.0005	0.02245	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-118	31508-00-6	ppt ww	1830	0.0001	0.183	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-123	65510-44-3	ppt ww	4.88	0.0001	0.000488	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-126	57465-28-8	ppt ww	4.88	0.1	0.488	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-156	38380-08-4	ppt ww	223	0.0005	0.1115	1.0
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-157	69782-90-7	ppt ww	51.9	0.0005	0.02595	1.0
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-167	52663-72-6	ppt ww	94	0.00001	0.00094	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-169	32774-16-6	ppt ww	9.75	0.01	0.0975	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-189	39635-31-9	ppt ww	9.75	0.0001	0.000975	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-77	32598-13-3	ppt ww	21.6	0.0001	0.00216	
3-OG-03246	Ogden River - Reach A	Fish Tissue	fillet	Game	PCB-81	70362-50-4	ppt ww	0.975	0.0001	0.0000975	

APPENDIX E.12 DETAILED RISK CALCULATIONS FOR RECREATIONAL VISITORS FROM INGESTION OF PCBs (AS CONGENERS) IN FISH

		Total TEQ	Cancer Risk					
Location	Sample ID	(ppt)	Adult CTE	Child CTE	Adult RME	Child RME		
Ogden River - Reach A	3-OG-03042	1.2	8E-07	2E-07	1E-05	3E-06		
Ogden River - Reach B	3-OG-03053	17.5	1E-05	4E-06	2E-04	5E-05		
Ogden River - Reach B	3-OG-03060	5.8	4E-06	1E-06	5E-05	1E-05		
Buena Ventura Park Pond	3-OG-03084	0.8	6E-07	2E-07	7E-06	2E-06		
21st Street Pond	3-OG-03120	3.2	2E-06	7E-07	3E-05	8E-06		
21st Street Pond	3-OG-03121	2.0	1E-06	4E-07	2E-05	5E-06		
Weber River - Reach D	3-OG-03133	1.8	1E-06	4E-07	2E-05	5E-06		
Weber River - Reach D	3-OG-03156	3.7	3E-06	8E-07	3E-05	1E-05		
Ogden River - Reach C	3-OG-03195	4.1	3E-06	9E-07	4E-05	1E-05		
Ogden River - Reach C	3-OG-03196	7.7	5E-06	2E-06	7E-05	2E-05		
Ogden River - Reach A	3-OG-03246	1.0	7E-07	2E-07	9E-06	3E-06		