

TOXICS RELEASE INVENTORY
BASIC PLUS DATA FILES DOCUMENTATION
FILE TYPE 3B: DETAILS OF TRANSFERS TO PUBLICLY OWNED
TREATMENT WORKS (POTWs)
For Reporting Years 1987-2010

Updated for RY 2019

September 2020



OVERVIEW OF TRI BASIC PLUS DATA FILES

The TRI “Basic Plus” data files include 10 file types that collectively contain all the data fields from the TRI Reporting Form R and Form A (except Form R Schedule 1). The 10 file types are tab-delimited text (.txt) files packaged into a .zip file.

<u>File</u>	<u>Example</u>	<u>Description of Contents</u>	<u>Form R/Form A Reference</u>
Type 1A	CA_1A_2017.txt	Facility data, chemical identification, chemical uses, on-site releases and management, off-site transfers, summary information	Part I (all), Part II (section 1, 3, 4, 5, 6.1.A, 6.2ABC, 7B, 7C, 8.2.B, 8.4.B, 8.6.

The Basic Plus Data Files are identified (named) by state, file type, and reporting year:

File Name = State + File Type + Reporting Year

For example, the file “CA_1A_2017.txt” contains facility, chemical identification, chemical use, on-site release and waste management, off-site transfer and summary information (File Type 1A) for all facilities located in California (CA) for reporting year 2017.

In addition to the set of data files for each state, there are two other Basic Plus file sets: Federal and National. The Federal files (FED_1A_2017.txt, FED_2A_2017.txt, etc.) contain TRI data for all government-owned-and-operated federal sites. The National files (US_1A_2017.txt, US_2A_2017.txt, etc.) contain TRI data for all U.S. states and territories for a specific year.

DESCRIPTION OF FILE TYPE 3B CONTENTS

File Type 3B contains data about transfers of wastewater containing TRI chemicals to Publicly Owned Treatment Works (POTWs) for Reporting Years (RY) 1987 to 2010. In the years covered by this file, a facility only had to report the total amount of a chemical transferred to all POTWs, and a list of POTWs the chemical was transferred to. Facilities weren't required to report how much of the chemical was transferred to each POTW or how the chemical was managed once at the POTW. These details were required for RY 2011 and later, however, and those data are available in Basic Plus File 3C.

The data in File 3B come from the TRI Reporting Form, as shown in the table below. Each record in File Type 3B represents data from a single chemical reporting form (i.e., Form R) submitted by a facility.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	4	Facility Identification Information
I	5	Parent Company Information
I	1	Chemical Identification Data
II	6.1.A.1	Total Transfers (to POTWs)
II	6.1.A.2	Basis of Estimate
II	6.1.B	POTW Name and Address

Note: In 2005, the TRI Program stopped collecting underground injection control (UIC) identification numbers from facilities on the TRI reporting forms. UIC IDs identify facilities that received permits from state governments to dispose of or release chemical waste into Class I through Class V underground injection wells.

The TRI Program does have some historical UIC IDs that were collected prior to 2005. Many of these, however, are outdated and inaccurate. The TRI Program is also missing UIC IDs for facilities that began reporting to TRI in or after 2005. EPA does not store nor have access to current UIC IDs. Because of this lack of current, accurate and complete data, the TRI Program removed the UIC ID data fields from the TRI Basic Data Files in 2019.

To learn more about UIC permits and underground injection wells see the "Protecting Underground Source of Drinking Water from Underground Injection (UIC)" website at <https://www.epa.gov/uic>

WHAT'S IN THIS DOCUMENT

The rest of this document is organized as a four-column data table. It describes what information you will find when you download and open any of the “TRI Basic Plus Data: File Type 3B” files.

Column	Description
Number (No.)	The sequential number of the data element in the record
Field Name	The name of the data element (Note: these names correspond to the various column headings in the data files themselves.)
Data Type	‘C’ for character data (alphanumeric) ‘N’ for numeric data ‘D’ for date
Description	A brief statement of what the data element represents, plus its TRI System Source (in Table Name . Field Name format) and where on the TRI Reporting Form R the data element is reported (i.e., <i>reference</i>). TRI System Source refers to the data element’s physical location within EPA’s Envirofacts online data warehouse.

When you open any of the Basic Plus data files, you’ll see that the contents are delimited by tabs, meaning a tab is placed between each data element. The first row of each file contains column headers, which correspond to the “field names” in this document.

	A	B	C	D
1	REPORTING YEAR	TRADE SECRET INDICATOR	TRIFID	FACILITY NAME
2	2016	NO	37087TSHBM1420T	NOVAMET SPECIALTY PRODUCTS
3	2016	NO	2740WNVNRM837TR	ENVIRONMENTAL AIR SYSTEMS INC-TRIAD
4	2016	NO	7585WSNDRS485HI	SANDERSON FARMS OAKWOOD FEED MILL

Example of the first four rows of a Basic Plus data file

REMINDER: Quantities of dioxin and dioxin-like compounds are in grams. Quantities of all other TRI chemicals are reported in pounds. Facilities cannot use range codes to report quantities for dioxin and dioxin-like compounds and other Persistent Bioaccumulative Toxics (PBTs). For a list of PBT chemicals see “Appendix C: Persistent Bioaccumulative Toxics (PBTs).”

HELPFUL RESOURCES FOR USERS OF DOWNLOADABLE DATA FILES

When using any of the downloadable TRI data files, it will be helpful for users to refer to the TRI Reporting Form R, the TRI Reporting Forms & Instructions document, and the Envirofacts TRI data model. The Reporting Forms & Instructions document and sample reporting forms are available online in the GuideME application at www.epa.gov/tri/guideme. The Envirofacts TRI data model is found at <https://www.epa.gov/enviro/tri-model>. These resources provide useful context and have additional details about certain data elements.

FILE TYPE 3B CONTENTS

No.	Field Name	Type	Description
1	FORM TYPE	C	Indicates whether the Reporting Form R or Form A Certification Statement was submitted. R = Form R A = Form A Certification Statement <i>Source: TRI_REPORTING_FORM.FORM_TYPE_IND</i> <i>Reference: Type of Form Used</i>
2	TRIFD	C	Facility identification in the format zzzzznnnnnsssss, where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-specific characters in the street address. The three sections of the format were separated by hyphens prior to RY 2006. NOTE: <i>The content of this field is <u>not</u> changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.</i> <i>Source: TRI_FACILITY.TRI_FACILITY_ID</i> <i>Reference: Part I, Section 4.1</i>
3	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYMMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit <i>Source: TRI_REPORTING_FORM.DOC_CTRL_NUM</i> <i>Reference: NA (System-generated)</i>
4	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for unique chemical, or category code (for compounds). NOTE: <i>CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.</i> <i>Source: TRI_REPORTING_FORM.TRI_CHEM_ID</i> <i>Reference: Part II, Section 1.1</i>
5	CHEMICAL NAME		Name of the chemical (or generic name, if the chemical is claimed as a trade secret). <i>Source: TRI_REPORTING_FORM.CAS_CHEM_NAME</i> <i>Reference: Part II, Section 1.2 or Part II, Section 1.3</i>
6	MIXTURE NAME	C	The generic term used in place of the chemical name when the supplier of the chemical is withholding the name of the TRI chemical or claiming that the chemical is a trade secret. The generic term used in place of the chemical name when the supplier of the chemical is withholding the name of the TRI chemical or claiming that the chemical is a trade secret. This is generally used when the supplier of a chemical formulation wishes to keep the identity of a particular ingredient in the

No.	Field Name	Type	Description
			<p>formulation a secret. It is only used when the supplier, not the reporting facility, is claiming the trade secret. The reporting facility will enter the chemical name as “Mixture”, then supply this generic name to describe it.</p> <p><i>Source:</i> TRI_REPORTING_FORM.MIXTURE_NAME <i>Reference:</i> Part II, Section 2.1</p>
7	ELEMENTAL METAL INCLUDED	C	<p>Indicates whether the facility submitted a combined reporting form for a metal compound and the corresponding elemental metal. This data element collected beginning with RY 2018.</p> <p>VALUES: YES = combined reporting form submitted for both an elemental metal and a metal compound containing the same elemental metal; NO = no combined form submitted</p> <p><i>Source:</i> TRI_REPORTING_FORM.ELEMENTAL_METAL_INCLUDED <i>Reference:</i> Part II, Section 1.2</p>
8	CLASSIFICATION	C	<p>Indicates the classification of the chemical. Chemicals can be classified as either a dioxin or dioxin-like compound, a Persistent, Bioaccumulative and Toxic chemical, or a general EPCRA Section 313 chemical.</p> <p>Values: {TRI, PBT, DIOXIN} where: TRI = General EPCRA Section 313 chemical PBT = Persistent, Bioaccumulative and Toxic DIOXIN = Dioxin or dioxin-like compound</p> <p><i>Source:</i> TRI_CHEM_INFO.CLASSIFICATION <i>Reference:</i> NONE</p>
9	UNIT OF MEASURE	C	<p>Indicates the unit of measure used to quantify the chemical. Dioxin and dioxin-like compounds are measured in grams, while all other TRI chemicals are measured and reported in pounds. Values: {Pounds, Grams}</p> <p><i>Source:</i> TRI_CHEM_INFO.UNIT_OF_MEASURE <i>Reference:</i> NONE</p>
10	METAL_IND	C	<p>Code indicating whether the is a metal or not.</p> <p>Yes = Metal No = Non-Metal</p> <p>See “Appendix B – Chemical Classifications – Metals” for a list of metals on the TRI chemical list.</p> <p><i>Source:</i> TRI_CHEM_INFO.Metal_Ind</p>
11	REVISION CODE 1	C	<p>If the facility revised its original TRI reporting form for this chemical, this code indicates the reason for the revision.</p> <p>Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s)</p> <p><i>Source:</i> TRI_REPORTING_FORM.Revision_Code</p>
12	REVISION CODE 2	C	<p>If the facility revised its original TRI reporting form for this chemical, this code indicates the reason for the revision.</p>

No.	Field Name	Type	Description
			<p>Values:</p> <ul style="list-style-type: none"> RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) <p>Source: TRI_REPORTING_FORM.Revision_Code</p>
13	DIOXIN DISTRIBUTION 1	N	<p>Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information.</p> <p>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_1</p> <p>Reference: Part II, Section 1.4</p>
14	DIOXIN DISTRIBUTION 2	N	<p>Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information.</p> <p>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_2</p> <p>Reference: Part II, Section 1.4</p>
15	DIOXIN DISTRIBUTION 3	N	<p>Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information.</p> <p>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_3</p> <p>Reference: Part II, Section 1.4</p>
16	DIOXIN DISTRIBUTION 4	N	<p>Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information.</p> <p>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_4</p> <p>Reference: Part II, Section 1.4</p>
17	DIOXIN DISTRIBUTION 5	N	<p>Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information.</p> <p>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_5</p> <p>Reference: Part II, Section 1.4</p>
18	DIOXIN DISTRIBUTION 6	N	<p>Indicates the percentage of 2,3,4,6,7,8</p>

No.	Field Name	Type	Description
			Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_6</i> <i>Reference: Part II, Section 1.4</i>
19	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo-p-dioxin (CAS # 39227-28-6) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_7</i> <i>Reference: Part II, Section 1.4</i>
20	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo-p-dioxin (CAS # 5765385-7) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0. and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_8</i> <i>Reference: Part II, Section 1.4</i>
21	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo-p-dioxin (CAS # 19408-74-3) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See "Appendix D - Dioxin and Dioxin-like Compound Data" for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_9</i> <i>Reference: Part II, Section 1.4</i>
22	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo-p-dioxin (CAS # 35822-46-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_10</i> <i>Reference: Part II, Section 1.4</i>
23	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_11</i> <i>Reference: Part II, Section 1.4</i>
24	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo-p-

No.	Field Name	Type	Description
			dioxin (CAS # 03268-87-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_12</i> <i>Reference: Part II, Section 1.4</i>
25	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_13</i> <i>Reference: Part II, Section 1.4</i>
26	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_14</i> <i>Reference: Part II, Section 1.4</i>
27	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo-p-dioxin (CAS # 40321-76-4) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_15</i> <i>Reference: Part II, Section 1.4</i>
28	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_16</i> <i>Reference: Part II, Section 1.4</i>
29	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzo-p-dioxin (CAS # 01746-01-6) in the reported dioxin or dioxin-like compound. Values are either 0 or a number between 0 and 100 (inclusive). This data element collected from RY 2000 through 2007. See Appendix D - Dioxin and Dioxin-like Compound Data for more information. <i>Source: TRI_REPORTING_FORM.DIOXIN_DISTRIBUTION_17</i> <i>Reference: Part II, Section 1.4</i>
30	REPORTING YEAR		The calendar year in which the reported activities occurred.

No.	Field Name	Type	Description
			<i>Source:</i> TRI_REPORTING_FORM.REPORTING_YEAR <i>Reference:</i> Part I, Section 1
31	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only sanitized trade secret submissions are stored in the TRI database. <i>Source:</i> TRI_REPORTING_FORM.TRADE_SECRET_IND <i>Reference:</i> Part I, Section 2.1
32	FACILITY NAME	C	Name of the reporting facility. <i>Source:</i> TRI_FACILITY.FACILITY_NAME <i>Reference:</i> Part I, Section 4.1
33	FACILITY STREET	C	Street address of the reporting facility. <i>Source:</i> TRI_FACILITY.STREET_ADDRESS <i>Reference:</i> Part I, Section 4.1
34	FACILITY CITY	C	City in which the reporting facility is located. <i>Source:</i> TRI_FACILITY.CITY_NAME <i>Reference:</i> Part I, Section 4.1
35	FACILITY COUNTY	C	County in which the reporting facility is located. <i>Source:</i> TRI_FACILITY.COUNTY_NAME <i>Reference:</i> Part I, Section 4.1
36	FACILITY STATE	C	Two-letter state code of the reporting facility. <i>Source:</i> TRI_FACILITY.STATE_ABBR <i>Reference:</i> Part I, Section 4.1
37	FACILITY ZIP CODE	C	ZIP code of the reporting facility. <i>Source:</i> TRI_FACILITY.ZIP_CODE <i>Reference:</i> Part I, Section 4.1
38	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal <i>Source:</i> TRI_FACILITY.ASGN_FEDERAL
39	ASSIGNED PARTIAL FACILITY FLAG	C	Code indicating whether the facility is a multi-establishment and reports by part. Assigned by TRI. Multi-establishment facilities may have more than one submission for the same chemical in one reporting year. Yes = Partial No = entire <i>Source:</i> TRI_FACILITY.ASGN_PARTIAL_IND
40	BIA CODE	C	Three-letter Bureau of Indian Affairs (BIA) code indicating the tribal land the facility is on. <i>Source:</i> FACILITY.BIA_TRIBAL_CODE
41	TRIBE NAME	C	The name of the Tribe. <i>Source:</i> V_INDIAN_COUNTRY.

No.	Field Name	Type	Description
42	ENTIRE FACILITY IND	C	<p>Indicates whether the information covers an entire facility or part of a facility.</p> <p>Yes = entire No = partial</p> <p><i>Source:</i> TRI_REPORTING_FORM.ENTIRE_FAC <i>Reference:</i> Part I, Section 4.2a</p>
43	PARTIAL FACILITY IND	C	<p>Indicates whether the information covers an entire facility or part of a facility.</p> <p>Yes = partial No = entire</p> <p><i>Source:</i> TRI_REPORTING_FORM.PARTIAL_FAC <i>Reference:</i> Part I, Section 4.2b</p>
44	FEDERAL FACILITY IND	C	<p>Code indicating whether a facility is a federal facility or not. Reported by facility.</p> <p>Yes = Federal No = non-Federal Value</p> <p><i>Source:</i> TRI_REPORTING_FORM.FEDERAL_FAC_IND <i>Reference:</i> Part I Section 4.2c</p>
45	GOCO FACILITY IND	C	<p>Code indicating whether a facility is a GOCO (Government Owned, Contractor-Operated) facility or not:</p> <p>Yes = GOCO No = non-GOCO</p> <p><i>Source:</i> TRI_REPORTING_FORM.GOCO_FLAG <i>Reference:</i> Part I Section 4.2d</p>
46	PUBLIC CONTACT NAME	C	<p>Name of the individual whom the public may contact if clarification of data is needed.</p> <p><i>Source:</i> TRI_REPORTING_FORM.PUBLIC_CONTACT_PERSON <i>Reference:</i> Part I, Section 4.4</p>
47	PUBLIC CONTACT PHONE	C	<p>Area code and telephone number of the public contact.</p> <p><i>Source:</i> TRI_REPORTING_FORM.PUBLIC_CONTACT_PHONE <i>Reference:</i> Part I, Section 4.4</p>
48	PUBLIC CONTACT PHONE EXT	C	<p>Phone extension of the public contact.</p> <p><i>Source:</i> TRI_REPORTING_FORM.PUBLIC_PHONE_EXT <i>Reference:</i> Part I, Section 4.4</p>
49	PUBLIC CONTACT EMAIL	C	<p>Email address of the designated individual whom the public may contact if clarification of the facility's reported data is needed.</p> <p><i>Source:</i> TRI_REPORTING_FORM.PUBLIC_CONTACT_PERSON_EMAIL <i>Reference:</i> Part I, Section 4.4</p>
50	PRIMARY SIC CODE	C	<p>Primary four-digit Standard Industrial Classification (SIC) code.</p> <p><i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE <i>Where:</i> primary_ind = >1' <i>Reference:</i> Part I, Section 4.5a</p>
51	SIC CODE 2	C	<p>Second four-digit Standard Industrial Classification (SIC) code entered by facility.</p> <p><i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE</p>

No.	Field Name	Type	Description
			<i>Where:</i> sic_sequence_num = >2' <i>Reference:</i> Part I, Section 4.5b
52	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) code entered by facility. <i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE <i>Where:</i> sic_sequence_num = >3' <i>Reference:</i> Part I, Section 4.5c
53	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) code entered by facility. <i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE <i>Where:</i> sic_sequence_num = >4' <i>Reference:</i> Part I, Section 4.5d
54	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) code entered by facility. <i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE <i>Where:</i> sic_sequence_num = >5' <i>Reference:</i> Part I, Section 4.5e
55	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) code entered by facility. <i>Source:</i> TRI_SUBMISSION_SIC.SIC_CODE <i>Where:</i> sic_sequence_num = >6' <i>Reference:</i> Part I, Section 4.5f
56	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
57	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) code. <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> primary_ind => 1 <i>Reference:</i> Part I, Section 4.5a
58	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) code entered by facility <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> naics_sequence_num = 2 <i>Reference:</i> Part I, Section 4.5b
59	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) code entered by facility. <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> naics_sequence_num = 3 <i>Reference:</i> Part I, Section 4.5b
60	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) code entered by facility <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> naics_sequence_num = 4 <i>Reference:</i> Part I, Section 4.5b
61	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification

No.	Field Name	Type	Description
			System (NAICS) code entered by facility <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> naics_sequence_num = 5 <i>Reference:</i> Part I, Section 4.5b
62	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) code entered by facility <i>Source:</i> TRI_SUBMISSION_NAICS.NAICS_CODE <i>Where:</i> naics_sequence_num = 6 <i>Reference:</i> Part I, Section 4.5b
63	LATITUDE	N	The latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, EPA stopped collecting the latitude value and began obtaining it from FRS. Format: signed 2-digit whole number, 6 digit decimal positions (+nn.nnnnnn). <i>Source:</i> EPA's Facility Registry System
64	LONGITUDE	N	The longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In 2005, TRI stopped collecting the longitude value and began obtaining it from FRS. Format: signed 3-digit whole number, 6-digit decimal positions (+nnn.nnnnnn). <i>Source:</i> EPA's Facility Registry System
65	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. <i>Source:</i> TRI_FACILITY_DB.DB_NUM <i>Reference:</i> Part I, Section 4.7a
66	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. <i>Source:</i> TRI_FACILITY_DB.DB_NUM <i>Reference:</i> Part I, Section 4.7b
67	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source:</i> EPA's Facility Registry System
68	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source:</i> EPA's Facility Registry System
69	RCRA NR C	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source:</i> EPA's Facility Registry System
70	RCRA NR D	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI

No.	Field Name	Type	Description
			stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
71	RCRA NR E	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
72	RCRA NR F	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
73	RCRA NR G	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
74	RCRA NR H	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
75	RCRA NR I	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
76	RCRA NR J	C	Twelve-digit alphanumeric identifier assigned by EPA per the Resource Conservation and Recovery Act (RCRA). In RY 2005, TRI stopped collecting RCRA IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
77	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
78	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
79	NPDES NR C	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them

No.	Field Name	Type	Description
			from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
80	NPDES NR D	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
81	NPDES NR E	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
82	NPDES NR F	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
83	NPDES NR G	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
84	NPDES NR H	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
85	NPDES NR I	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
86	NPDES NR J	C	Nine-digit alphanumeric identifier assigned to a facility in EPA's National Pollutant Discharge Elimination System (NPDES). In RY 2005, TRI stopped collecting NPDES IDs and began obtaining them from EPA's Facility Registry System (FRS). <i>Source: EPA's Facility Registry System</i>
87	PARENT COMPANY NAME	C	Name of the corporation or other business entity that controls the reporting facility. <i>Source: TRI_FACILITY.PARENT_CO_NAME</i> <i>Reference: Part I, Section 5.1</i>
88	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. <i>Source: TRI_FACILITY.PARENT_CO_DB_NUM</i> <i>Reference: Part I, Section 5.2</i>

No.	Field Name	Type	Description
89	STANDARDIZED PARENT COMPANY NAME	C	Standardized Parent Company Name assigned by TRI. Source: TRI_FACILITY.STANDARDIZED_PARENT_COMPANY
90	FRS FACILITY ID	C	Indicates the Facility Registry Service (FRS) ID for the TRI facility. The FRS is a centrally managed EPA database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. Using the FRS ID, data users can link data from different EPA programs together. Source: TRI_FACILITY.EPA_REGISTRY_ID
91	POTW TRANSFERS - TOTAL	N	Total quantity of the chemical contained in wastewater transferred off site to a Publicly Owned Treatment Works (POTW). Source: TRI_TRANSFER_QTY.TRANSFER_TOTAL + TRI_TRANSFER_QTY.TRANSFER_RANGE_CODE Reference: Part II, Section 6.1.A.1
92	POTW TRANSFERS – TOTAL - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total POTW transfer estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data Source: TRI_TRANSFER_QTY.TRANSFER_BASIS_EST_CODE Reference: Part II, Section 6.1.A.2
93	POTW RELEASES – 8.1C	N	The total quantity of the chemical transferred to publicly-owned treatment works (POTWs) that is disposed of or released to Class I Underground Injection Wells, RCRA C Landfills and/or Other (Non RCRA C) Landfills. This amount is one of the quantities added into Section 8.1C: “Total Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills and other Landfills.” Source: TRI_FORM_TOTALS.POTW_RELEASE_81C Reference: Part II, Section 6.1
94	POTW RELEASES – 8.1D	N	The total quantity of the chemical transferred to publicly-owned treatment works (POTWs) that is disposed of or released to media other than Class I Underground Injection Wells, RCRA C Landfills and/or Other (Non RCRA C) Landfills. This amount is one of the quantities added into Section 8.1D: “Total Other Off-site Disposal or Other Releases.” Source: TRI_FORM_TOTALS.POTW_RELEASE_81D Reference: Part II, Section 6.1
95	POTW TRANSFERS – RELEASE	N	Total quantity of the transfer that was released at the POTW. This is the sum of POTW RELEASES – 8.1C (#74) + POTW

No.	Field Name	Type	Description
			<p>RELEASES – 81D (#75).</p> <p><i>Source:</i> TRI_FORM_TOTALS.POTW_RELEASE</p> <p><i>Reference:</i> Part II, Section 6.1.A.1</p>
96	POTW TRANSFERS – TREATED	N	<p>Total quantity of the transfer that was treated at the POTW.</p> <p><i>Source:</i> TRI_FORM_TOTALS.POTW_TREATED</p> <p><i>Reference:</i> Part II, Section 6.1.A.1</p>
97	POTW A – NAME	C	<p>Name of the Publicly Owned Treatment Works (POTW) location to which the wastewater containing the chemical was sent.</p> <p><i>Source:</i> TRI_POTW_LOCATION.POTW_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
98	POTW A - ADDRESS	C	<p>Street address of the POTW location to which the chemical was sent.</p> <p><i>Source:</i> TRI_POTW_LOCATION.POTW_STREET</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
99	POTW A - CITY	C	<p>Name of the city in which the POTW site is located.</p> <p><i>Source:</i> TRI_POTW_LOCATION.CITY_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
100	POTW A - STATE	C	<p>The two-letter state abbreviation of the POTW site.</p> <p><i>Source:</i> TRI_POTW_LOCATION.STATE_ABBR</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
101	POTW A – COUNTY	C	<p>Name of the county in which the POTW site is located.</p> <p><i>Source:</i> TRI_POTW_LOCATION.COUNTY_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
102	POTW A - ZIP	C	<p>ZIP code used in the address of a POTW site.</p> <p><i>Source:</i> TRI_POTW_LOCATION.ZIP_CODE</p> <p><i>Reference:</i> Part II, Section 6.1.B.1</p>
103	POTW B - NAME	C	<p>Name of the Publicly Owned Treatment Works (POTW) location to which the wastewater containing the chemical was sent.</p> <p><i>Source:</i> TRI_POTW_LOCATION.POTW_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.2</p>
104	POTW B - ADDRESS	C	<p>Street address of the POTW location to which the chemical was sent.</p> <p><i>Source:</i> TRI_POTW_LOCATION.POTW_STREET</p> <p><i>Reference:</i> Part II, Section 6.1.B.2</p>
105	POTW B - CITY	C	<p>Name of the city in which the POTW site is located.</p> <p><i>Source:</i> TRI_POTW_LOCATION.CITY_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.2</p>
106	POTW B - STATE	C	<p>The two-letter state abbreviation of the POTW site.</p> <p><i>Source:</i> TRI_POTW_LOCATION.STATE_ABBR</p> <p><i>Reference:</i> Part II, Section 6.1.B.2</p>
107	POTW B – COUNTY	C	<p>Name of the county in which the POTW site is located.</p> <p><i>Source:</i> TRI_POTW_LOCATION.COUNTY_NAME</p> <p><i>Reference:</i> Part II, Section 6.1.B.2</p>

No.	Field Name	Type	Description
108	POTW B – ZIP	C	ZIP code used in the address of a POTW site. <i>Source:</i> TRI_POTW_LOCATION.ZIP_CODE <i>Reference:</i> Part II, Section 6.1.B.1
109	POTW C - NAME	C	Name of the Publicly Owned Treatment Works (POTW) location to which the wastewater containing the chemical was sent. <i>Source:</i> TRI_POTW_LOCATION.POTW_NAME <i>Reference:</i> Part II, Section 6.1.C.2
110	POTW C - ADDRESS	C	Street address of the POTW location to which the chemical was sent. <i>Source:</i> TRI_POTW_LOCATION.POTW_STREET <i>Reference:</i> Part II, Section 6.1.C.2
111	POTW C - CITY	C	Name of the city in which the POTW site is located. <i>Source:</i> TRI_POTW_LOCATION.CITY_NAME <i>Reference:</i> Part II, Section 6.1.C.2
112	POTW C - STATE	C	The two-letter state abbreviation of the POTW site. <i>Source:</i> TRI_POTW_LOCATION.STATE_ABBR <i>Reference:</i> Part II, Section 6.1.C.2
113	POTW C – COUNTY	C	Name of the county in which the POTW site is located. <i>Source:</i> TRI_POTW_LOCATION.COUNTY_NAME <i>Reference:</i> Part II, Section 6.1.C.2
114	POTW C – ZIP	C	ZIP code used in the address of a POTW site. <i>Source:</i> TRI_POTW_LOCATION.ZIP_CODE <i>Reference:</i> Part II, Section 6.1.C.1
115	POTW D - NAME	C	Name of the Publicly Owned Treatment Works (POTW) location to which the wastewater containing the chemical was sent. <i>Source:</i> TRI_POTW_LOCATION.POTW_NAME <i>Reference:</i> Part II, Section 6.1.D.2
116	POTW D - ADDRESS	C	Street address of the POTW location to which the chemical was sent. <i>Source:</i> TRI_POTW_LOCATION.POTW_STREET <i>Reference:</i> Part II, Section 6.1.D.2
117	POTW D - CITY	C	Name of the city in which the POTW site is located. <i>Source:</i> TRI_POTW_LOCATION.CITY_NAME <i>Reference:</i> Part II, Section 6.1.D.2
118	POTW D - STATE	C	The two-letter state abbreviation of the POTW site. <i>Source:</i> TRI_POTW_LOCATION.STATE_ABBR <i>Reference:</i> Part II, Section 6.1.D.2
119	POTW D – COUNTY	C	Name of the county in which the POTW site is located. <i>Source:</i> TRI_POTW_LOCATION.COUNTY_NAME <i>Reference:</i> Part II, Section 6.1.D.2
120	POTW D – ZIP	C	ZIP code used in the address of a POTW site. <i>Source:</i> TRI_POTW_LOCATION.ZIP_CODE <i>Reference:</i> Part II, Section 6.1.D.1

No.	Field Name	Type	Description
121	TOTAL POTW LOCATIONS	N	Total Number of POTW locations reported on the submission. <i>Source:</i> TRI_POTW_LOCATION.POTW_LOC_NUM <i>Reference:</i> Part II, Section 6.1
122	ADDITIONAL POTWS NOT SHOWN	N	The number of POTW locations not shown. This file (3B) provides a record layout that displays up to four POTW locations (POTW A to POTW D). Out of 2 million Form R submissions received by EPA for RY 1987 to 2010, only 75 have more than four POTWs listed as off-site transfer locations. See “Appendix A – Accessing All POTW Locations” for instructions on how to get information about all locations.

APPENDIX A – Accessing All POTW Locations

Not all the POTW locations reported are included in this file. The record layout for File Type 3B holds up to four POTW locations. Of the approximately 2.1 million TRI submissions submitted in RY 1987 to 2010 (the years covered by this file), roughly 75 submissions had more than four POTWs reported on them; facilities could report a maximum of 21 POTW locations during these years.

The final field in the File 3B record layout, “Additional POTWs not Shown,” indicates the number of POTWs reported on the form but not displayed in the data file. To see all the POTW locations reported on the form, use the “POTW Transfer Locations” report in the TRI EZ Search section of EPA’s Envirofacts at:

https://iaspub.epa.gov/enviro/ez_column_v2.list?database_type=TRI&table_name=V TRI TRANS POTW LOC EZ

Here are the instructions:

1. Go to the “POTW Transfers Locations” report in “EZ Search” in the TRI Section of Envirofacts at:
https://iaspub.epa.gov/enviro/ez_column_v2.list?database_type=TRI&table_name=V TRI TRANS POTW LOC EZ
2. Click the “check box” in front of any of the columns you’d like to display in the final report. Include the field “Document_Control_Number” (field #2 from this file).
3. Scroll to the bottom of the page and click the button “Step3: Enter Search Criteria”
4. The “Step 3: Enter Search Criteria and Organize Output” page appears.
5. Copy DOCUMENT_CONTROL_NUMBER from File 3B that you want to see all the POTW Locations for into the search box for “Document_Control_Number” and/or put in any other search criteria needed.
6. Scroll to the bottom of the page and click the “Search Database” button.
7. The results will appear on the next page, listing all POTW locations.

APPENDIX B – Chemical Classification - Metals

Category 1 Metals (Metal_Ind = '1')

Chemical	CAS#	TRI Chemical ID
ANTIMONY	7440-36-0	007440360
ANTIMONY COMPOUNDS	N010	N010
ARSENIC	7440-38-2	007440382
ARSENIC COMPOUNDS	N020	N020
BERYLLIUM	7440-41-7	007440417
BERYLLIUM COMPOUNDS	N050	N050
CADMIUM	7440-43-9	007440439
CADMIUM COMPOUNDS	N078	N078
CHROMIUM	7440-47-3	007440473
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	N090	N090
COBALT	7440-48-4	007440484
COBALT COMPOUNDS	N096	N096
COPPER	7440-50-8	007440508
COPPER COMPOUNDS	N100	N100
LEAD	7439-92-1	007439921
LEAD COMPOUNDS	N420	N420
MANGANESE	7439-96-5	007439965
MANGANESE COMPOUNDS	N450	N450
MERCURY	7439-97-6	007439976
MERCURY COMPOUNDS	N458	N458
NICKEL	7440-02-0	007440020
NICKEL COMPOUNDS	N495	N495
SELENIUM	7782-49-2	007782492
SELENIUM COMPOUNDS	N725	N725
SILVER	7440-22-4	007440224
SILVER COMPOUNDS	N740	N740
THALLIUM	7440-28-0	007440280
THALLIUM COMPOUNDS	N760	N760
VANADIUM COMPOUNDS	N770	N770
ZINC COMPOUNDS	N982	N982

APPENDIX B – Chemical Classification - Metals (cont.)

Category 2 Metals (Metal_Ind = '2')

Chemical	CAS#	TRI Chemical ID
ALUMINUM OXIDE (FIBROUS FORMS)	1344-28-1	001344281
ALUMINUM PHOSPHIDE	20859-73-8	020859738
ASBESTOS (FRIABLE)	1332-21-4	001332214
BIS(TRIBUTYLTIN) OXIDE	56-35-9	000056359
BORON TRICHLORIDE	10294-34-5	010294345
BORON TRIFLUORIDE	7637-07-2	007637072
C.I. DIRECT BLUE 218	28407-37-6	028407376
C.I. DIRECT BROWN 95	16071-86-6	016071866
FENBUTATIN OXIDE	13356-08-6	013356086
FERBAM	14484-64-1	014484641
IRON PENTACARBONYL	13463-40-6	013463406
LITHIUM CARBONATE	554-13-2	000554132
MANEB	12427-38-2	012427382
METIRAM	9006-42-2	009006422
MOLYBDENUM TRIOXIDE	1313-27-5	001313275
OSMIUM TETROXIDE	20816-12-0	020816120
POTASSIUM BROMATE	7758-01-2	007758012
SODIUM NITRITE	7632-00-0	007632000
THORIUM DIOXIDE	1314-20-1	001314201
TITANIUM TETRACHLORIDE	7550-45-0	007550450
TRIBUTYLTIN FLUORIDE	1983-10-4	001983104
TRIBUTYLTIN METHACRYLATE	2155-70-6	002155706
TRIPHENYLTIN CHLORIDE	639-58-7	000639587
TRIPHENYLTIN HYDROXIDE	76-87-9	000076879
ZINEB	12122-67-7	012122677

Category 3 Metals (Metal_Ind = '3')

Chemical	CAS#	TRI Chemical ID
BARIUM	7440-39-3	007440393
BARIUM COMPOUNDS	N040	N040

Category 4 Metals (Metal_Ind = '4')

Chemical	CAS#	TRI Chemical ID
ALUMINUM (FUME OR DUST)	7429-90-5	007429905
VANADIUM (EXCEPT WHEN CONTAINED IN AN ALLOY)	7440-62-2	007440622
ZINC (FUME OR DUST)	7440-66-6	007440666

APPENDIX C - Persistent Bio-accumulative Toxics (PBTs)

Chemical	CAS#	TRI Chemical ID
ALDRIN	309-00-2	000309002
BENZO(G H I)PERYLENE	191-24-2	000191242
CHLORDANE	57-74-9	000057749
DIOXIN AND DIOXIN-LIKE COMPOUNDS	N150	N150
HEPTACHLOR	76-44-8	000076448
HEXABROMOCYCLODODECANE	N270	N270
HEXACHLOROBENZENE	118-74-1	000118741
ISODRIN	465-73-6	000465736
LEAD	7439-92-1	007439921
LEAD COMPOUNDS	N420	N420
MERCURY	7439-97-6	007439976
MERCURY COMPOUNDS	N458	N458
METHOXYCHLOR	72-43-5	000072435
OCTACHLOROSTYRENE	29082-74-4	029082744
PENDIMETHALIN	40487-42-1	040487421
PENTACHLOROBENZENE	608-93-5	000608935
POLYCHLORINATED BIPHENYLS	1336-36-3	001336363
POLYCYCLIC AROMATIC COMPOUNDS	N590	N590
TETRABROMOBISPHENOL A	79-94-7	000079947
TOXAPHENE	8001-35-2	008001352
TRIFLURALIN	1582-09-8	001582098