UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08837

ACTION MEMORANDUM – RV1

SUBJECT: Confirmation of a Verbal Authorization, Request for Ceiling Increase, 12-Month Exemption, and $2 Million Exemption for the CERCLA Emergency Removal Action at the Superior Barrel and Drum Site, Elk Township, Gloucester County, New Jersey

FROM: Keith Glenn and Margaret Gregor, On-Scene Coordinators
Removal Action Branch

THRU: Walter E. Mugdan, Director
Emergency and Remedial Response Division

TO: Judith A. Enck
Regional Administrator

Site ID No.: A23K

I. PURPOSE

The purpose of this Action Memorandum is to confirm and document the verbal authorization granted by the Director of the Emergency and Remedial Response Division to initiate an emergency removal action at the Superior Barrel and Drum Site ("Site") in Elk Township, Gloucester County, New Jersey. This Action Memorandum further requests a ceiling increase and emergency exemption to the 12-month and $2 million statutory limits. On September 27, 2013, the U.S. Environmental Protection Agency ("EPA") On-Scene Coordinator ("OSC") requested and was granted verbal authorization pursuant to the Comprehensive Environmental Resource, Conservation and Liability Act of 1980 ("CERCLA") to initiate a removal action. The total funding, verbally authorized for this action, was $600,000, of which $500,000 is for mitigation contracting. The removal action was initiated on September 27, 2013. This Action Memorandum requests approval of an additional $3,480,000, of which $2,500,000 is for mitigation contracting. Approval of this increase will raise the total project ceiling to $4,080,000, of which $3,000,000 is for mitigation contracting.

EPA has identified numerous hazardous substances on-site which present an imminent and substantial endangerment to public health, or welfare, or the environment. The additional funding requested in this memorandum is necessary to complete the ongoing removal action and mitigate threats posed by these materials. Over 2,000 drums, totes, and other various sized

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containers have been identified on-site. Many of the containers are in deteriorated condition and are leaking.

Conditions at the Site continue to meet the criteria for a removal action under CERCLA, as amended and documented in Section 300.415(b)(2) of the National Contingency Plan ("NCP"). The Site is not on the National Priorities List ("NPL") nor is it currently proposed for inclusion on the NPL. There are no nationally significant or precedent setting issues associated with this removal action.

II. SITE CONDITIONS AND BACKGROUND

The Comprehensive Environmental Response, Compensation and Liability Information System identification number for the Site is NJD986630705.

A. Site Description

1. Removal site evaluation ("RSE")

On August 29, 2013, the New Jersey Department of Environmental Protection ("NJDEP") notified the EPA Region 2 Regional Emergency Operations Center of deteriorated conditions at the Superior Barrel and Drum Site, a former drum and container reconditioning facility and wholesale industrial supplier. This facility is not served by any public utilities and appears to have been abandoned. NJDEP Emergency Response personnel requested the assistance of EPA OSCs with investigating conditions of containers at the facility.

On August 30, 2013, EPA OSCs met with NJDEP and Gloucester County officials at the Site. Thousands of containers, mostly 275-gallon totes and 55-gallon drums, were observed along a public road (Jacob Harris Lane) which borders the Site as well as in the woods, wetlands, and elsewhere throughout the property. Drums and other containers were stacked several high in numerous locations and were in various states of deterioration. Many containers were found to be leaking, void of tops, exposed to weather elements, rusted, damaged due to gunshots, stored improperly, and laying on their sides. Some containers were found in standing water. Numerous trailers, most of which are heavily damaged, were also found to be open and containing numerous 55-gallon drums. Thermal imagining indicated that most of the containers throughout the Site were full of contents, but the majority was not labeled. Labels on several of the containers indicated that their contents were flammable liquids, corrosives, marine pollutants, flammable solids, oxidizers or non-hazardous materials. County officials indicated that attempts to reach the property owner had failed numerous times. The owner had filed for bankruptcy in 2012 but the case was dismissed due to lack of information provided by the plaintiff. Elk Township was planning foreclosure proceedings in summer 2012 due to back property taxes owed, however the Gloucester County Fire Marshal's Office recommended not doing so due to site conditions.

NJDEP collected samples from four random 55-gallon drums and analyzed them using field screening tests, including photo-ionization detection and hazardous material

categorization ("HazCat") analysis. Results indicated that the materials were corrosive and highly flammable, and had high levels of volatile organic compounds ("VOCs").

NJDEP referred the Site to EPA on August 30, 2013 due to the conditions at the Site, including container contents spilled in wetlands, contents pooling alongside the road, and unsecured access to the facility. On August 30, 2013, EPA contacted the property owner, who also owns the on-site business, to request access to perform an assessment and investigation of container contents. The property owner stated that all containers located inside the on-site building contained non-hazardous materials, while the contents of the containers located outside the building were unknown.

Following numerous attempts to obtain access to the Site from the property owner and issuance of an Administrative Order to the property owner for Site access, on September 12, 2013, EPA obtained an Administrative Warrant for entry onto the Superior Barrel and Drum Site from a United States Magistrate Judge. The warrant allows for entering, investigating and securing the property as well as sampling of containers located on-site.

On September 13, 2013, the EPA Removal Action Branch ("RAB") initiated a removal assessment of the Site. As part of these operations, samples were collected from a random selection of containers throughout the Site for HazCat field analysis with assistance from EPA Removal Support Team ("RST") and Emergency and Rapid Response Services ("ERRS") contractors. Between September 13 and 27, 2013, a total of 252 containers were opened and aliquots of the contents were collected for HazCat analysis. The analysis indicated the presence of oxidizers, flammable liquids, flammable solids and combustible liquids within containers on-site. Many of the containers contained multiple phases of material (i.e., liquids, sludges and solids), and handheld monitoring equipment indicated that vapor phase within the head space of many of the containers had high concentrations of VOCs.

A total of 84 samples (including six Quality Assurance/Quality Control samples) from 79 containers were sent off-site for confirmatory laboratory analysis. Environmental samples, including 36 surface soil and 4 surface water samples, were also collected and sent for confirmatory laboratory analysis. The analysis identified the presence of numerous CERCLA-designated hazardous substances within the on-site containers, surface soil and surface water, including benzene, toluene, trichloroethylene, ethylbenzene, xylenes, polychlorinated biphenyls ("PCBs") and lead. Many of these compounds were found in containers that are actively leaking onto surface soils. Similarities between the hazardous substances found within the containers and the soil verifies that the on-site soil contamination is attributable to releases from the containers.

In addition to the HazCat and laboratory analyses, a container count was conducted. Approximately 2,000 containers were identified, not including hundreds of drums within deteriorated trailers which were physically unsafe to access. A large proportion of the containers were weathered and in poor condition. Drums were found to be bulging, punctured, rusted, and void of tops. Several drums and containers were found in standing water throughout the property, and many were located within the on-site wetlands. These

wetlands are included in the National Wetlands Inventory, administered by the U.S. Fish and Wildlife Service.

Based on the results of the removal assessment and failed attempts to reach the property owner, on September 27, 2013, EPA obtained an Administrative Warrant for a removal action at the property from a United States Magistrate Judge. In addition to entering the property, securing the Site and sampling various media, the warrant allows for removal of containers of hazardous substances, decontamination of tanks, clean-up of chemical storage and process areas, off-site disposal of all materials removed from the site and further assessment to determine if additional response actions are necessary.

Following receipt of the Administrative Warrant for a removal action, EPA initiated a removal action at the Site on September 27, 2013. The removal action is currently ongoing.

2. Physical location

The Site is located at 798 Jacob Harris Lane, also known as 830 Jacob Harris Lane (formerly New Jersey Avenue), in Elk Township, Gloucester County, New Jersey (coordinates 39.6869, -75.132314; Block 30, Lot 4). A Site Location Map is included as Attachment A. Jacob Harris Lane is a public, mostly paved road which becomes an unpaved dirt road approximately 650 feet north of the Site; the entrance to the Site is along the dirt road. The facility consists of one main processing building and numerous trailers located throughout the 5.51-acre property. The Site is bordered to the north by Industrial Drum Company, a competitor in the drum reconditioning business. A chain-link fence separates the two properties. Jacob Harris Lane marks the eastern boundary of the Site, beyond which is a densely forested private property. To the south are private, undeveloped lands which are also densely wooded with several marshy areas. The Site is bordered to the west by undeveloped, densely forested land and State Route 55, a major highway. The closest residential properties are located approximately 0.25 mile east and southeast of the Site along Whig Lane. These properties obtain potable water from private wells.

3. Site characteristics

The on-site business, Superior Barrel and Drum Co. Inc., also referred to as Superior Drum and Barrel, began as a sole proprietorship in 1974 and was incorporated in 1979. It is listed in commercial directories for the sale of new and reconditioned drums and wholesale industrial supplies as well as "other metal container manufacturing." Historic aerial photographs indicate that the Site was undeveloped and densely forested prior to 1970.

Currently, the Site facility is inoperable and is not served by any public utilities. It has been reported that the last known operational activity occurred in 2012, although local citizens have indicated that the property owner was present on-site as recently as summer 2013. Several companies have been to the property in recent years to remove machinery and equipment. The Site is open to persons traveling along Jacob Harris Lane. The Site is

unsecured from all directions and evidence of trespassers has been noted. All doors of the main building and trailers are unlocked and were found to be open during the initial Site visit.

The Site consists of two operational areas. The main area consists of a permanent, industrial single-story steel building approximately 12,100 feet in size, which is surrounded by an unpaved gravel and dirt lot. The building was constructed from 1994 to 1995, following the collapse of an original on-site building which was present from 1987 through 1994. The current on-site building was formerly utilized to receive, rinse and recondition drums and other containers for future market. This main area is approximately 2.4 acres, and containers are located throughout, mostly along the tree line. Nine deteriorated trailers are also spread throughout this area, including an abandoned office trailer, an abandoned office/residential trailer, four trailers which are full of 55-gallon drums and three trailers which are empty. An additional operational area, referred to as Area 3, is located to the south of the main area, and is separated by undeveloped wooded land. This additional area is approximately 0.32 acre in size and has been utilized for densely-packed storage of full 275-gallon totes and 55-gallon drums, as well as two trailers which contain drums and other containers. Both areas show signs of impact from leaking containers, including visible spills, filmy substances covering standing water, and stressed vegetation. The remaining portions of the property lot are undeveloped and densely wooded. Parts of the southern portion of the lot are federally-designated wetlands, including an area which extends from the southwest corner of the on-site building to the southern tree line of the main operational area.

This facility has not been owned or operated by any federal, State or local government entity. This is the first removal action undertaken by EPA at the Site.

4. Release or threatened release into the environment of a hazardous substance, or pollutant, or contaminant

Actual and threatened releases of hazardous substances from containers at the Site have been documented. The HazCat analysis indicated that container contents are highly flammable, corrosive, combustible, and/or oxidizers. Results of laboratory analysis of samples collected from multiple containers indicate the presence of numerous CERCLA-designated hazardous substances, including toluene up to 22,000,000 parts per billion ("ppb"), benzene up to 2,200,000 ppb, trichloroethylene ("TCE") up to 550,000 ppb, tetrachloroethylene ("PCE") up to 300,000 ppb and lead up to 2,800 parts per million.

These results are included as Attachment B. Labels on several drums indicated that the contents include flammable liquids, corrosive substances, marine pollutants, flammable solids and oxidizers. Containers were found to be leaking, void of tops, exposed to weather elements, rusted, damaged due to gunshots, stored improperly, and laying on their sides. Some of the drums were bulging. Several of the containers were found in standing water in a federally-designated wetland. Contents from the containers were found to be spilled onto the surface soil and wetlands and pooling along the roadside adjacent to the facility. Two ponds and a creek are present on the property downgradient of the container storage areas.

The hazardous substances listed below were observed to be present at the Site during the removal site evaluation in September 2013.

Compound	Statutory Source for a Hazardous Substance			
	311(b)(2) CWA*	307(a)CWA*	112 CAA**	3001 RCRA***
Benzene	X	X	X	X
Toluene	X	X	X	X
Trichloroethene	X	X	X	X
Tetrachloroethene		X		X
Lead		X	X	X

*Clean Water Act Section 311(b)(2) and/or Section 307(a)
**Clean Air Act Section 112
***Resource Conservation and Recovery Act ("RCRA") Section 3001

Numerous mechanisms for releases to the environment stem from historic poor handling practices, improper storage of materials and abandonment or discarding of hazardous substances, pollutants or contaminants. Along with poor housekeeping, most containers are located in unsecured areas and are exposed to adverse weather elements. Potential routes of exposure to these materials include dermal contact, ingestion, and inhalation. In addition, in the event of a fire on-site, the hazardous substances noted above can be released into the air which may result in their migration into adjacent properties and nearby residential properties. Trespassers entering the building can come in direct contact with hazardous substances and can track/transport the contamination off-site.

Continued exposure of the drums to excessive moisture and temperature extremes will cause the 55-gallon drums on-site to further corrode and bulge. The freezing and expanding of drum contents may result in additional releases during thaw cycles. Contaminants can migrate into the environment through air entrainment of particulates or surface water runoff. Releases from containers within the on-site building may migrate to the trench drain along the north portion of the on-site building or the floor drain in the west area of the building. The outfall for the trench drain, if existing, is unknown. The floor drain outfall is the undeveloped, soil and grass-covered ground directly to the west of the on-site building. A pipe, which does not appear to be connected to either of these drains, has been observed in the wooded wetland area of the property, and any release running through it may migrate to the wetlands. Due to the large amount of containers covering the floor within the on-site building, it is unknown if additional floor drains are present.

These mechanisms will continue the spread of contamination from the Site unless the actions proposed in this memorandum are implemented.

5. National Priorities List ("NPL") Status

The Site is not on the NPL, nor is it proposed for NPL listing at this time.

6. Maps, pictures and other graphic representations

A Site Layout and Area Designation Map which shows the container storage areas are included as Attachment C. Photographs documenting the conditions of the containers are included as Attachment D to this Action Memorandum.

B. Other Actions to Date

1. Previous actions

No previous actions have been taken by EPA or any other federal, State or local entity to address the compromised containers of hazardous substances located at the Site.

2. Current actions

On September 12, 2013, EPA obtained access to the Site through the issuance of an Administrative Warrant.

On September 13, 2013, RST personnel initiated a facility container count. Over 2,000 containers were visible. The ERRS contractor mobilized equipment to the Site to safely move drums and containers on-site to facilitate the counting, inspection and sampling activities. ERRS also constructed a field laboratory for performing HazCat analysis of samples being collected.

On September 14, 2013, EPA and contractors reconvened at the Site. A walkthrough was conducted and the eastern border of the property was secured by installing high-visibility temporary fencing along Jacob Harris Lane. Warning signs were posted, and fire extinguishers were brought to the Site and placed in key locations.

From September 16 through 27, 2013, ERRS contractors moved and staged containers throughout the Site to allow them to be viewed and sampled more easily and safely. When a container was found to be leaking, bulging, crystallizing, labeled as a hazardous substance or with foreign text, or exhibiting/containing an interesting feature it was noted to be a HazCat candidate. Utilizing thermal imagery to gauge the volume of material within the containers, those that were empty or containing a very small amount of material were not opened while the others were opened by field teams wearing Level B personal protective equipment. The container type, condition, readings from field instruments and any markings or labels were recorded. Aliquots of material collected were taken to an on-site laboratory. A chemist, using the HazCat identification system, field tested the material to determine if certain properties were present, including whether the material could be considered to be corrosive, acidic, basic, a potential oil, a chlorinated solvent, containing PCBs, flammable or an oxidizer. The HazCat analysis identified oxidizers, flammable liquids, flammable solids and combustible liquids on-site. Confirmatory laboratory analysis performed on these samples later identified the presence of numerous CERCLA hazardous substances, including benzene, toluene, trichloroethylene, ethylbenzene, xylenes, PCBs and lead. Many of these compounds were found in containers that are actively leaking onto surface soils.

Samples of surface soils and surface waters were also collected and sent for analysis. Results showed beyond a reasonable doubt that the materials on-site contain hazardous substances. Results also showed that surface soils were impacted with the same compounds as those found inside the containers.

Based on the results of the removal assessment, EPA determined that a removal action is warranted to address the presence of hazardous substances in the on-site containers and contaminated soil. On September 27, 2013, EPA obtained an Administrative Warrant and a verbal authorization to conduct the removal action. This marked the commencement of the removal action. Since September 27, 2013, moving, inspection and sampling of drums and containers has been occurring, and samples are being field-tested using HazCat analysis to determine how container contents can be consolidated prior to shipment off-site for proper disposal.

C. State and Local Authorities' Roles

1. State and local actions to date

NJDEP inspected the Site numerous times between 2009 and 2013 and continually requested that the property owner conduct a cleanup of the on-site deteriorated containers. Following a 6-month period of non-conformance with recommendations, NJDEP issued a Notice of Violation ("NOV") to the Superior Barrel and Drum Company in June 2013 for the illegal operation of solid waste facility. The NOV failed to be delivered to the property owner due to abandonment of the facility. In August 2013 the Gloucester County Fire Marshal's Office visited the property by request of Elk Township officials, who were preparing resolutions for foreclosure proceedings on the property due to unpaid taxes. The Gloucester County Fire Marshal's Office inspected the property and contacted the Gloucester County Hazardous Materials Response Unit ("Haz-Mat") on August 10, 2013 to perform a visit. Following an investigation and minor field screenings, Haz-Mat notified NJDEP Bureau of Emergency Response ("NJDEP BER"). By August 24, 2013 NJDEP BER visited the property. On August 29, 2013, NJDEP BER collected samples from four random containers and conducted field screening tests on them. The results indicated flammable substances, toluene-based materials, and high pH solutions existed in the containers. NJDEP requested the assistance of EPA on August 29, 2013 with investigating conditions of containers at the facility, and referred the Site to EPA on August 30, 2013.

2. Potential for continued State/local response

The Gloucester County Fire Marshal's Office ("Office") will continue to visit the Site and review operational activities conducted by EPA. The Office will provide any necessary logistical support and act as a liaison to other governmental partners, including the Gloucester County Haz-Mat Office, local Fire Department, and Elk Township Police Department. NJDEP will continue to visit the Site on a weekly basis. NJDEP personnel will generate updates and reports to inform State partners of on-going activities. NJDEP will also continue to provide EPA background information, previous inspection notes, and any additional pertinent information that may aid in the removal action or

enforcement activities. NJDEP will also assist in obtaining information from potential generators and transporters of waste to and from the Site.

III. THREATS TO PUBLIC HEALTH, OR WELFARE, OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

Conditions at the Site meet the requirements of 40 CFR Section 300.415(b) for implementing a CERCLA removal action. Factors from the NCP that support a removal action at this Site are provided below.

A. Threats to Public Health or Welfare

(i) Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, or pollutants, or contaminants.

Analysis of contents of containers found at the Site has identified flammable liquids, corrosives and hazardous substances including benzene, toluene, trichloroethene, PCBs and lead. Several of these containers have been compromised and/or have leaked, allowing for actual or potential exposure to nearby human and animal populations. Anyone trespassing on the Site or nearby areas could become contaminated with hazardous substances and track/transport them to off-site areas, causing others to be exposed. The Site is located along a public road, which is routinely traversed by people traveling to the property further south of the Site, for which there is no other entrance. Residences are located less than 0.25 mile away along Whig Road and less than 0.5 mile from the Site along Aurora Road. A business is located approximately 150 feet north of the Site.

If any on-site containers or the site building were to catch fire, the plume created by the combustion of the containers' contents would release CERCLA-designated hazardous substances into the air that could migrate into surrounding residences and businesses, potentially presenting an immediate inhalation threat to residents, emergency responders and employees of the nearby business. Due to the lack of a functioning sprinkler system or other fire suppression systems on-site (aside from fire extinguishers placed by ERRS contractors), the fire could burn uncontrolled until emergency responders could arrive.

(iii) Hazardous substances, or pollutants, or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

Over 2,000 drums, industrial totes, aboveground storage tanks and other containers are present on-site. Many of these containers are significantly deteriorated. Hazardous substances and characteristic wastes are present in a large portion of the compromised containers, and all containers are unsecured and exposed to adverse weather conditions, flooding and temperature extremes. These containers pose a threat of release. Several containers have already leaked and/or have been voided of contents.

(v) Weather conditions that may cause hazardous substances, or pollutants, or contaminants to migrate or be released.

Several containers were found to be without covers or with covers that are ajar, or have holes on the sides. Precipitation entering the containers may cause the material stored inside to overflow and spill onto the ground surface, which is unpaved. This material can then make its way via surface water runoff to the nearby creek, ponds and wetlands, or can soak down into the water table. The material can then migrate and contaminate downgradient properties if a removal action is not taken. The pending winter conditions and freeze/thaw cycles increase the possibility that the contents of the drums and containers will leak, or the containers may become more degraded due to cold extremes and weathering.

(vi) Threat of fire or explosion.

HazCat techniques indicated that numerous containers hold material that is extremely flammable. Should this material come into contact with an ignition source, a fire or explosion could occur. As significant quantities of combustible materials, both hazardous and non-hazardous, are located on-site, a fire or explosion in one area of the Site may create a chain reaction, igniting nearby drums and other materials. The resultant fire and/or explosion may be catastrophic. The plume created by a fire and/or explosion on-site could easily migrate off-site into neighboring residences and businesses, causing widespread exposure to airborne contaminated particles. Furthermore, water used by firefighters, in the event of a fire, would become contaminated by site materials and enter the nearby creek and wetlands, potentially impacting other nearby surface water areas.

(vii) The availability of other appropriate federal or State response mechanisms to respond to the release.

To date, Elk Township, Gloucester County and NJDEP have not addressed the containers at the Site and have requested EPA assistance in conducting a removal action. There are no State or local response actions expected to mitigate the threats to public health or the environment on the Site. EPA is the only government agency capable of taking a timely and appropriate action to respond to the threat posed by the presence of hazardous substances on the Site.

B. Threats to the Environment

The Site is located in a mixed rural, commercial, industrial and residential area. According to the U.S. Fish and Wildlife Service, endangered species, including the Swamp Pink, are located 500 feet from the southern border of the Site. The facility also sits partially on federally declared wetlands. Since a release has occurred and there is a potential for additional releases, the natural flora and fauna in the surrounding areas may be negatively impacted. Partially dead trees and stressed vegetation are present on-site surrounding one of the main drum storage areas (Area 3) where multiple drums are leaking unknown substances and the water table is close to the surface. A release may also cause hazardous substances to be transported off-site via surface water run-off.

IV. ENDANGERMENT DETERMINATION

Actual and potential releases of hazardous substances from the Site may present an imminent and substantial endangerment to public health, or welfare, or the environment.

V. EXEMPTION FROM STATUTORY LIMITS

Conditions at the Site meet the criteria for an emergency exemption under CERCLA 104(c). Based on the volume of material present on-site, the logistical difficulties in stabilizing containers, and the uncertainty of available, approved off-site disposal facilities, Site activities may exceed the 12-month statutory limit for a removal action. The threat to human health and the environment posed by the contamination found at the Site warrants a 12-month exemption and $2 million exemption.

A. Emergency Exemption

1. There is an immediate risk to the public health, or welfare, or the environment;

Over 2,000 containers, including industrial totes and drums, have been discovered on-site posing an immediate risk to public health or welfare or the environment. Many of them have been found to contain designated hazardous substances which have released or pose a serious threat of release into the environment. Continued exposure of the containers to the weather is of immediate concern. Many of the containers have already been corroded by exposure to the elements. Further exposure to extreme heat and cold, precipitation and wind will advance the deterioration of the containers and could result in additional releases to the environment.

The Site is located in a wooded area with several business and residential properties nearby. Lands surrounding the Site are privately held and used for hunting purposes by their respective owners. The containers located on-site pose an immediate risk to those individuals, as well as the local flora and fauna that are listed endangered species located in the federally-designated wetland. Easily ignitable and explosive substances with flashpoints below 70°F have been identified in numerous deteriorating 275-gallon totes and 55-gallon drums. Incompatible substances are stored next to, and on top of, each other, presenting a high risk of fire/explosion. Acts of vandalism and trespassing are evident throughout the Site and clandestine illegal drug manufacturing has been identified in one of the on-site trailers. A fire or explosion at the Site could consume containers of hazardous and unknown substances, and subsequent spread of toxic fumes to commercial and residential communities located nearby would greatly impact human health.

2. Continued response actions are immediately required to prevent, limit, or mitigate an emergency; and

The threats posed by the drums and containers on-site are significant. Continued response actions by EPA are immediately required to mitigate these threats. The removal action

began on September 27, 2013 and is ongoing. EPA has secured many of the drums and containers on-site since that time. However, additional containers are yet to be uncovered and stabilized. Should these containers remain on-site and not be secured by EPA, it is likely to result in a release of hazardous substances to the environment.

3. Assistance will not otherwise be provided on a timely basis.

Assistance from outside agencies will not be provided on a timely basis. The State of New Jersey does not have the resources required to undertake such a response action as proposed in this Action Memorandum on a timely basis. EPA will continue to conduct the necessary removal actions until the threats are mitigated. A potentially responsible party has been identified but has been uncooperative with EPA.

VI. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

1. Proposed action description

The purpose of this removal action is to eliminate the threats to public health and the environment associated with the release or threat of release of hazardous substances at the Site. The proposed scope of work for the removal action includes the removal and off-site disposal of all containers, container contents and grossly contaminated soil in container storage areas.

EPA proposes to complete HazCat analysis on all on-site materials and then bulk the materials to consolidate wastes with similar characteristics, if possible. The contents of all containers will be transferred to Department of Transportation shippable containers to prevent additional spillage of materials during transport. Materials will be transported to proper hazardous waste disposal facilities that are awarded a transport and disposal bid through the ERRS contractor. All spent containers, which will be RCRA-empty, as well as non-hazardous site wastes resultant from EPA's removal operations, will also be shipped off-site for proper disposal.

Soil samples will be collected in areas that have been impacted from spilled materials. Samples will be shipped to approved laboratories for analysis of VOCs, Semi-volatile Organic Compounds ("SVOCs"), Total Analyte List metals and additional parameters. The analytical data will dictate the amount of contaminated soil that is necessary to remove.

Disposal of materials will be conducted following HazCat of all container contents, bulking of materials, collection of composite samples, and receipt of analytical results of the bulked materials. All disposal and transportation of contents to off-site facilities will be conducted in accordance with the CERCLA Off-Site Rule. Following removal and disposal of containers and contaminated media, no post-removal Site controls are anticipated.

2. Contribution to remedial performance

Based on available information, the proposed actions will not impede future responses.

3. Engineering Evaluation/Cost Analysis ("EE/CA")

Due to the time-critical nature of this removal action, an EE/CA has not been prepared.

4. Applicable or relevant and appropriate requirements ("ARARs")

ARARs within the scope of this removal action, including the RCRA and the Hazardous Materials Transportation Uniform Safety Act regulations that pertain to the disposal of hazardous wastes, will be met to the extent practicable.

5. Project schedule

Response actions at the Site commenced on September 27, 2013 and are continuing. Staging of the drums and containers to facilitate access, collection of aliquots from each container and HazCat of the samples is expected to continue through December 2013. Setup for bulking activities as well as the bulking/consolidation itself is expected to span more than three months. Sampling and laboratory analysis of bulked waste streams will be required to properly characterize waste materials for appropriate treatment and disposal. Following receipt of waste stream analytical results, shipment of materials off-site is expected to be completed in spring 2014. The removal action may extend beyond September 27, 2014, necessitating a 12-month exemption.

B. Estimated Costs

EXTRAMURAL COSTS	Funding Verbally Authorized on 9/27/2013	Ceiling Increase Requested	Total Funding Requested
Regional Removal Allowance Costs			
Total Cleanup Contractor Costs (including labor, equipment, materials and a 20% contingency)	$500,000	$2,500,000	$3,000,000
Other Extramural Costs Not Funded from the Regional Allowance			
Total Contract Laboratory Program, Removal Support Team, Atlantic Strike Team	$100,000	$300,000	$400,000
Subtotal, Extramural Costs	$600,000	$2,800,000	$3,400,000
Extramural Costs Contingency (20% of Subtotal, Extramural Costs, rounded to nearest 1,000)	$0	$680,000	$680,000
TOTAL REMOVAL ACTION PROJECT CEILING	$600,000	$3,480,000	$4,080,000

VII. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

A delay in action or no action at the Site would increase the actual and potential threats to public health and the environment.

VIII. OUTSTANDING POLICY ISSUES

There are no known outstanding policy issues associated with the Site at the present time.

IX. ENFORCEMENT

As noted in the RSE section of this Action Memorandum, access to the Site and authorization to conduct a removal action were provided under a Warrant issued by the United States District Court.

To date, no potentially responsible parties ("PRPs") have been identified that are capable of conducting the required removal action. PRP search activities will continue in an effort to identify PRPs that can take-over the on-going removal action, conduct future response actions or reimburse EPA for response costs.

Based on full cost accounting practices, the total EPA costs for this removal action that will be eligible for cost recovery are estimated to be $5,875,509. The following chart describes the costs which EPA believes are eligible for cost recovery as part of this response action.

Cost Type	Funding Requested in this Action Memorandum
Direct Extramural Costs	$4,080,000
Direct Intramural Costs	$ 350,000
Subtotal, Direct Costs	$4,430,000
Indirect Costs (Indirect Regional Cost Rate 32.63%)	$1,445,509
Estimated EPA Costs Eligible for Cost Recovery	$5,875,509

Note: Direct costs include direct extramural costs and direct intramural costs. Indirect costs are calculated based on an estimated indirect cost rate expressed as a percentage of site-specific direct costs, consistent with the full cost accounting methodology effective October 2, 2000. These estimates do not include pre-judgment interest, do not take into account other enforcement costs, including Department of Justice costs, and may be adjusted during the course of a removal action. The estimates are for illustrative purposes only and their use is not intended to create any rights for responsible parties. Neither the lack of a total cost estimate nor deviation of actual costs from this estimate will affect the United States' right to cost recovery.

X. RECOMMENDATION

This decision document represents the selected removal action for the Superior Barrel and Drum Site in Elk Township, New Jersey, developed in accordance with CERCLA as amended, and is not inconsistent with the National Contingency Plan. This decision is based on the administrative record for the Site.

Conditions at the Site meet the NCP section 300.415(b) criteria for a removal action and the CERCLA Section 104(c) emergency exemption from the $2 million and 12-month limitations. The total project ceiling verbally authorized to date is $600,000, of which $500,000 is for mitigation contracting. This Action Memorandum requests an approval of an additional $3,480,000, of which $2,500,000 is for mitigation contracting. Approval of this increase will raise the total project ceiling to $4,080,000, of which $3,000,000 is for mitigation contracting. There are sufficient monies in the Regional removal advice of allowance to fund this project.

Please indicate your formal approval of the verbal authorization, ceiling increase, and specified exemptions granted for the emergency removal action at the Superior Barrel and Drum Site, as per current Delegation of Authority, by signing below.

Approved: _____ Date: 11/22/13
for Judith A. Enck
Regional Administrator

Disapproved: _____ Date: _____
Judith A. Enck
Regional Administrator

cc: (upon approval)
L. Plevin, ORA
G. Pavlou, ORA
W. Mugdan, ERRD-DD
J. LaPadula, ERRD-DD
J. Rotola, ERRD-RAB
E. Wilson, ERRD-RAB
B. Grealish, ERRD-RAB
C. Petersen, ERRD-NJRB
D. Karlen, ORC-NJSFB
W. Tucker, ORC-NJSFBM. Mears, PAD
K. Giacobbe, OPM-GCMB
M. Fiore, OIG
T. Grier, 5202GR. Van Fossen, NJDEP
E. Putnam, NJDEP
F. Mumford, NJDEP
A. Raddant, USDOI
L. Rosman, NOAA
R. Craig, RST

ATTACHMENT A

Site Location Map


N
W
E
S
SCALE
1:480
LEGEND
Air Monitoring Station
Site Areas
Parcel Boundary (approximate)
Proposed Staging Area
Area 01
Area 05
Area 06
Area 03
Figure 1: Site Layout and Area Designations
SUPERIOR BARREL AND DRUM
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
In Association With
WESTON SOLUTIONS


55
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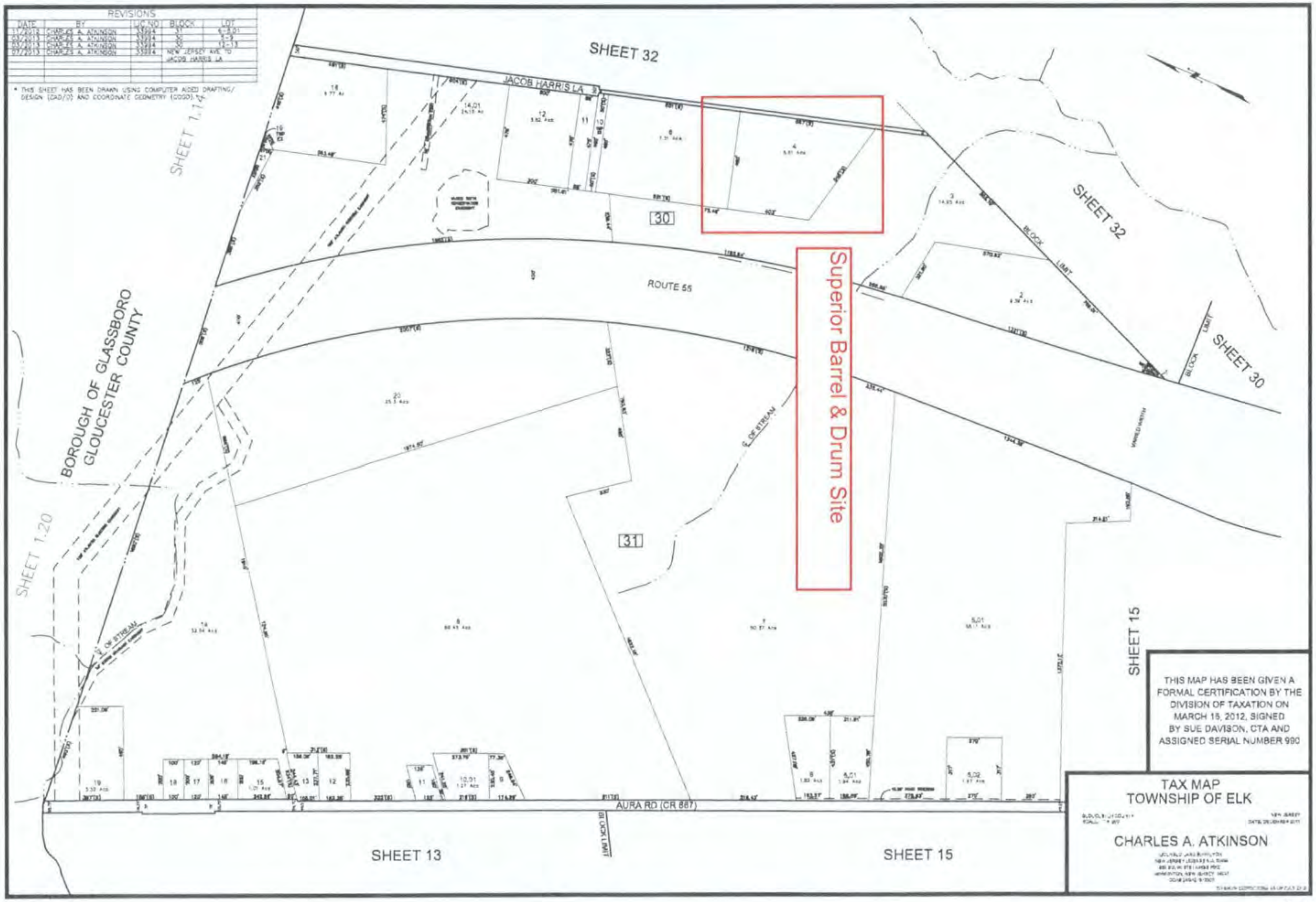
Google earth


REVISIONS
SHEET 32
JACOB HARRIS LA
SHEET 1.17
30
Superior Barrel & Drum Site
SHEET 32
ROUTE 55
BLOCK LIMIT
SHEET 30
BOROUGH OF GLASSBORO
GLOUCESTER COUNTY
C OF STREAM
31
SHEET 1.20
SHEET 15
AURA RD (CR 667)
BLOCK LIMIT
SHEET 13
SHEET 15
THIS MAP HAS BEEN GIVEN A FORMAL CERTIFICATION BY THE DIVISION OF TAXATION ON MARCH 15, 2012, SIGNED BY SUE DAVISON, CTA AND ASSIGNED SERIAL NUMBER 990
TAX MAP
TOWNSHIP OF ELK
CHARLES A. ATKINSON

ATTACHMENT B

Laboratory Analytical Results

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZT0	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	830,000	ND	4,000,000 E	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	65,000	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	83,000	ND	ND	ND	100,000	ND	32,000	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	430,000	ND	ND	16,000 J	ND	110,000	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	72,000	ND	ND	ND	ND	19,000 J	ND
1,2-Dichloroethane	ND	ND	ND	ND	20,000 J	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	150,000	ND	ND	ND	ND	ND	51,000	ND	ND	ND
Toluene	ND	600,000	44,000	210,000	3,600,000 E	97,000	17,000 J	1,700,000 E	ND	3,400,000 E	12,000 J
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	200,000	ND	20,000 J	120,000	ND	ND	33,000	ND	510,000	24,000 J
m,p-Xylene	ND	890,000	ND	71,000	380,000	ND	ND	140,000	ND	1,800,000 E	130,000
o-Xylene	ND	390,000	ND	26,000	130,000	ND	ND	55,000	ND	550,000	52,000
Styrene	70,000,000 E	52,000	97,000	30,000	ND	89,000	ND	120,000	ND	44,000	25,000 J
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	15,000 J	ND	ND	ND	ND	35,000	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	400 X DF	100 X DF	100 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected .
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ2	BAZQ3
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**5,300,000 E**	ND	ND	ND	ND	ND	**3,300,000 E**	**9,700,000 E**	ND	**1,300**	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	**370,000**	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	**19,000 J**	**23,000 J**	**20,000 J**	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	**26,000,000 E**	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	**12,000 J**	**12,000 J**	ND	**44,000**	**28,000 J**	ND	**2,100**	ND
1,1,1-Trichloroethane	**14,000 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	**18,000 J**	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	**550,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	**190,000**	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	**12,000,000 E**	ND	**12,000,000 E**	ND	ND	ND
Toluene	**570,000**	**69,000**	**600,000**	**210,000**	**210,000**	**15,000,000 E**	**15,000,000 E**	**22,000,000 E**	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**250,000**	**250,000**	**30,000**	**360,000**	**350,000**	**790,000**	**7,400,000 E**	**7,400,000 E**	ND	ND	ND
m,p-Xylene	**960,000**	**590,000**	**100,000**	**1,600,000 E**	**1,500,000 E**	**3,100,000 E**	**14,000,000 E**	**19,000,000 E**	ND	ND	ND
o-Xylene	**290,000**	**120,000**	**33,000**	**650,000**	**630,000**	**1,100,000**	**8,900,000 E**	**8,600,000 E**	ND	ND	ND
Styrene	**16,000 J**	ND	ND	**22,000 J**	ND	**290,000**	**670,000**	ND	**520,000**	ND	**640,000**
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	**23,000 J**	**280,000**	**330,000**	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	40 X DF	40 X DF	40 X DF	400 X DF		400 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZS4	BAZW1	BAZS1	BAZW2	BAZS2	BAZS0	BAZS3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	560,000	ND	550,000	70,000	ND	5,200,000 E	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	130,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	41,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	15,000 J
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	450,000	ND	35,000 J	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	330,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	17,000 J
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65,000
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	85,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	19,000 J
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	140,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	350,000	ND	ND	ND	ND
Toluene	2,600,000	57,000 J	340,000	ND	160,000	15,000 J	140,000	730,000	ND	200,000	1,300,000 E
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	46,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	83,000,000 E	2,900,000	1,500,000	ND	23,000 J	82,000	340,000	49,000	20,000 J	3,200,000 E	3,400,000 E
m,p-Xylene	250,000,000 E	13,000,000 E	5,600,000 E	88,000 J	82,000	230,000	1,100,000 E	91,000	81,000	8,000,000 E	8,700,000 E
o-Xylene	160,000,000 E	5,400,000 E	1,900,000	39,000 J	26,000	49,000	280,000	130,000	31,000	6,100,000 E	6,500,000 E
Styrene	ND	ND	5,300,000 E	ND	ND	ND	110,000	5,700,000 E	12,000 J	430,000	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1,200,000	ND	58,000 J	ND	ND	ND	ND	ND	ND	360,000	97,000
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	400 X DF	400 X DF	400 X DF	400 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected .
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	BAZW3	BOAG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX0	BAZY1	BAZX2	BAZX7	BAZR7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	230,000	ND	ND	ND	ND	2,100,000	ND	550,000	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	200,000	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	16,000 J	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	13,000 J	ND	ND	140,000	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	8,700,000 E	ND	15,000,000 E	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	19,000 J	76,000	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	2,200,000 E	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	14,000 J	250,000	13,000 J	53,000	1,600,000 E	6,400,000 E	ND	3,300,000 E	ND	4,400	230,000
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	49,000	ND	ND	ND	ND	300,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	1,200,000 E	19,000 J	ND	42,000	1,400,000	ND	6,100,000 E	ND	1,100	ND
m,p-Xylene	ND	4,300,000 E	77,000	21,000 J	150,000	4,600,000 E	ND	14,000,000 E	ND	3,200	ND
o-Xylene	ND	2,100,000 E	30,000	ND	49,000	1,900,000 E	ND	6,300,000 E	ND	1,200	ND
Styrene	110,000	ND	ND	ND	43,000	14,000,000 E	ND	ND	ND	16,000	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	20,000 J	13,000 J	ND	14,000 J	ND	ND	160,000	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	19,000 J	1,100	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	26,000 J	430 J	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	900	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	290 J	ND	ND
	100 X DF	100 X DF	100 X DF	100 X DF	100 X DF	40 X DF		40 X DF			100 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
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NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	BAZX8	BAZX5	BAZR8	BAZW9	BAZX6	BAZX9	BAZR9	BAZX1	BAZY0	BB007	BB008
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1,400,000	ND	940,000	ND	ND	ND	2,600,000 E	1,100,000	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	14,000,000 E	ND	14,000 J	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	16,000,000 E	ND	ND	ND	ND	ND	1,300,000	4,600,000 E	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	21,000 J	ND	ND	ND	ND	ND	ND	190,000	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	40,000	48,000
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35,000 J
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	100,000	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	1,700,000 E	ND	ND	1,900,000 E	2,200,000 E
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	1,000,000	ND	ND	ND	ND	ND	ND	360,000	ND	ND	ND
Toluene	12,000,000 E	960,000	350,000	ND	ND	ND	1,700,000 E	10,000,000 E	730,000	3,700,000 E	4,200,000 E
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	11,000 J	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	55,000	ND	ND	ND
Ethylbenzene	7,100,000 E	1,600,000	77,000	1,100	ND	1,200,000	40,000	11,000,000 E	26,000,000 E	2,500,000 E	2,300,000 E
m,p-Xylene	20,000,000 E	6,800,000 E	200,000	3,600	ND	4,700,000 E	150,000	14,000,000 E	41,000,000 E	9,000,000 E	8,500,000 E
o-Xylene	11,000,000 E	3,200,000 E	61,000	1,300	ND	2,600,000 E	82,000	15,000,000 E	12,000,000 E	3,400,000 E	2,900,000 E
Styrene	2,400,000 E	15,000,000 E	1,300,000 E	390 J	ND	6,800,000 E	250,000	ND	680,000	1,700,000 E	1,800,000 E
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	950,000	ND	ND	330 J	ND	350,000	28,000	390,000	980,000	89,000	83,000
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40 X DF	80 X DF	100 X DF			40 X DF	100 X DF	40 X DF	40 X DF	40 X DF	40 X DF

Notes:
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E- Sample concentrations exceed the upper level of the calibration range
J - Indicates the reported value is an estimate
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NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4,100**
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	**160,000**	**330,000**	ND	ND	ND	ND	ND	ND	ND	**3,000 J**
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**150,000 E**	**47,000**
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	**100,000**	ND	ND	ND	ND	**1,000,000 E**	**190,000 E**	**75,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	**750,000**	ND	ND	ND	ND	ND	ND	**7,300,000 E**	**30,000**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	**51,000**	ND	**57,000**	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,500 J**
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	**1,700,000 E**	**26,000**	**130,000 E**
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	**20,000 J**	ND	ND	ND	**29,000**	**11,000**	**2,900**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,800**
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	**31,000 J**	ND	ND	ND	ND	ND	**3,100**
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	**190,000 E**	**18,000**	**8,200**
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,900**	**4,500**
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**24,000**
cis-1,3-Dichloropropene	**24,000 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,800 J**
4-Methyl-2-pentanone	**290,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170,000**
Toluene	**2,100,000 E**	**44,000**	**1,900,000 E**	**260,000**	**300,000**	**31,000**	**28,000 J**	ND	**1,600,000 E**	**1,400,000 E**	**790,000 E**
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,500**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500 J**
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**25,000**
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	**840,000 E**	ND	**24,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,300 J**
Ethylbenzene	**13,000,000 E**	**230,000**	**9,400,000 E**	**2,500,000 E**	**6,800,000 E**	**150,000**	**150,000**	**20,000 J**	**260,000 E**	**140,000 E**	**9,400**
m,p-Xylene	**11,000,000 E**	**950,000**	**19,000,000 E**	**10,000,000 E**	**18,000,000 E**	**630,000**	**640,000**	**55,000**	**750,000 E**	**1,500,000 E**	**31,000**
o-Xylene	**16,000,000 E**	**370,000**	**12,000,000 E**	**4,600,000 E**	**11,000,000 E**	**220,000**	**260,000**	**19,000 J**	**310,000 E**	**600,000 E**	**9,200**
Styrene	ND	**22,000 J**	**2,900,000 E**	ND	ND	**78,000**	**4,300,000 E**	**41,000**	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**750,000**	ND	**350,000**	**45,000**	**180,000**	ND	**37,000 J**	ND	**14,000**	**130,000 E**	**1,600 J**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500 J**
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,400 J**
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	40 X DF	40 X DF	40 X DF	40 X DF	40 X DF	40 X DF	40 X DF	40 X DF	10 X DF	10 X DF	10 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	BAZN4	BAZN5	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BAZP2
Area	Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	3,500 J	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	610,000	780,000 E	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	1,200 J	3,700	ND	ND	ND	41,000	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	240,000 E	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	150,000 E	ND	ND	ND	220,000 E	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	46,000	ND	ND	ND	80,000	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	540,000 E	ND	ND	ND	650,000 E	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	130,000 E	440,000 E	ND	ND	ND	390,000 E	50,000	ND	ND	160,000	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,900 J	320,000 E	ND	ND	ND	290,000 E	ND	ND	ND	ND	140,000
m,p-Xylene	7,700	920,000 E	ND	ND	ND	870,000 E	ND	ND	ND	ND	200,000
o-Xylene	2,500	630,000 E	ND	ND	ND	570,000 E	ND	ND	ND	ND	40,000 J
Styrene	ND	ND	ND	ND	ND	35,000	ND	ND	ND	160,000	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	150,000 E	ND	ND	ND	190,000 E	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF	400 X DF	10 X DF		10 X DF	10 X DF		400 X DF	400 X DF	400 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1
CLP Sample ID	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BB000	BAZR0
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	600,000	ND	ND	ND	ND	590,000	380,000	ND	**27**	**1,200 E**	**230**
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**65**	**9.6**
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**69**	**39**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	980	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.9 J**	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	**240 J**	ND	**42,000 J**	ND	860,000	790,000	**280**	ND	**8.0**	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**23**	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	**62,000 J**	ND	800,000	680,000	ND	ND	**5.6**	ND
m,p-Xylene	120,000	**200 J**	ND	160,000	**160 J**	2,200,000 E	1,700,000 E	**300**	ND	**4.0 J**	ND
o-Xylene	ND	ND	ND	**45,000 J**	ND	420,000	320,000	**140 J**	ND	**13**	ND
Styrene	ND	ND	ND	ND	ND	47,000	**22,000 J**	**130 J**	ND	**2,200 E**	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	**28,000 J**	**21,000 J**	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	400 X DF			400 X DF		40 X DF	40 X DF				

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0AL0	B0AK4	B0AK9	B0AK8	B0AK5	B0AK7
Area	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**280**	**79**	**330**	**42**	ND	ND	**130**	**110**	ND	**17**	**930 E**
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	**15**	ND	**29**	ND	ND	ND	ND	**20**	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.3**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	**37**	**24**	**39**	ND	ND	ND	**8.0 J**	ND	ND	ND	**150**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	**93**	**12**	**7.9**	**39**	ND	**5,700 E**
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	**16**	ND	ND	ND	ND	ND	ND	ND	**910 E**
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	**19**	ND	**3.6 J**	**10**	ND	**2,700 E**
m,p-Xylene	ND	ND	ND	ND	ND	**31**	ND	**5.7 J**	**14**	ND	**2,400 E**
o-Xylene	ND	ND	ND	ND	ND	**10**	ND	**2.8 J**	**7.7**	ND	**1,200 E**
Styrene	ND	ND	ND	ND	ND	**110**	**5.1**	**23**	**81**	**4.5 J**	**6,300 E**
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
CLP Sample ID	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ8	BAZZ3	BAZZ4	BAZR4
Area	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**1,900 E**	ND	ND	ND	ND	ND	ND	ND	ND	**47**	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	**660 E**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	**76**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**51**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**5.7 J**	**3.1 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	**3.5 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	**2.4 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	**200**	**6.0 J**	**16**	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
CLP Sample ID	BAZR5	BAZR6	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	**66**	ND	ND	ND	ND	ND	**600 E**	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	**47**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	**55**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	**38**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	**200,000**	ND	ND	ND	ND	ND	ND	**110**	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	**6.7**	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**730,000**	ND	ND	ND	ND	**5.9 J**	ND	**16**	**2.2 J**	ND	ND
m,p-Xylene	**2,800,000**	ND	**2.4 J**	ND	ND	**19**	ND	**35**	**6.3**	ND	ND
o-Xylene	**840,000**	ND	ND	ND	ND	**17**	ND	**28**	**3.0 J**	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	**4.3 J**	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

200 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected .
DF - Dilution Factor
NA - Not Applicable

Table 1
Preliminary Analytical Data Summary Table - TCL VOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1	TB-092713
CLP Sample ID	BB019	BB020	BB0E1	BB0E2	BB0E3	BB0E4
Area	Area01	Area03	Area03	Area03	Area06	NA
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND	ND	ND
Acetone	**6.2 J**	**3.0 J**	**3.1 J**	**30**	**4.0 J**	**22**
Carbon disulfide	ND	ND	ND	ND	ND	ND
Methyl acetate	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
Methyl tert-Butyl ether	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND
Methylcyclohexane	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND
Toluene	**2.7 J**	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceed the upper level of the calibration range.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor
NA - Not Applicable

Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZT0	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5	BAZT6	BAZT7	BAZT8
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	**350,000**	ND	ND	ND	**8,500**	ND	ND	ND	ND	ND
Phenol	ND	ND	**2,100 J**	**14,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	**3,200 J**	ND	ND	**6,900**	**5,800 J**	ND	**7,200**	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	**28,000**	ND	**1,400 J**	ND	ND	ND	**1,800,000 E**	ND	**44,000**	**12,000**	ND	**1,800 J**	**11,000**
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**18,000 J**	**26,000**	ND	ND	ND	ND	ND	**160,000**	ND	**130,000**	ND	**910 J**	**1,900 J**	**15,000**
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	**2,800 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	**1,400 J**	ND	ND	ND	ND	ND	ND	**4,400 J**	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	**25,000 J**	**110,000**	**7,400**	ND	**630,000 E**	**27,000**	**57,000**	**2,000,000 E**	**16,000**	**450,000 E**	ND	ND	ND	**6,700**
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	**61,000**	ND	**3,800 J**	ND	ND	**3,200 J**	ND	ND	ND	**53,000**	**3,600 J**	ND	**1,400 J**	**6,600**
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**25,000 BJ**	ND	ND	ND	**38,000 B**	**62,000 B**	**12,000 BJ**	**74,000**	**1,500 BJ**	**62,000**	ND	ND	**16,000**	**9,800**
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	**1,200 BJ**	ND	ND	ND	**4,700 BJ**	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	**260,000 B**	ND	**2,400 BJ**	**1,700 BJ**	ND	ND	ND	ND	**3,000 BJ**	**710,000 E**	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	**10,000 J**	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		5 X DF			5 X DF		5 X DF	5 X DF		5 X DF				

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded**.
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1
CLP Sample ID	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ2	BAZQ3	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZS4	BAZW1
Area	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	4,000 J	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	610,000	ND	ND	2,300 J	27,000	2,400 J	ND	1,400 J	ND	27,000	ND	ND
Bis(2-Chloroethyl) Ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	4,000 J	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	9,200 B	ND	5,800 B	9,300 B	4,500 BJ	18,000 B	16,000 B	ND	ND
4-Methylphenol	ND	ND	22,000 J	ND	ND	ND	ND	ND	ND	ND	ND	5,400	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	23,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	200,000 E	260,000 E	11,000 J	280,000	160,000	ND	670,000 E	4,800	12,000	ND	15,000	4,800 J	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	1,400 J	1,900 J	ND	ND	ND	ND	14,000	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	11,000	ND	ND	ND	1,100 J	ND	ND	4,000 J
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500 J	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	14,000 B	9,000 B	3,500 BJ	2,600 BJ	50,000 B	9,400 B	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9,000	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	24,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	3,000 J	ND	4,600 J	ND	ND	45,000	1,500 J	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	5,400	ND	ND	130,000 E	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	4,400 J	ND	ND	460,000	6,600,000 E	ND	ND	1,300 J	ND	ND	26,000	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	7,800	ND	ND	ND	13,000	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			10 X DF	10 X DF	10 X DF									

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded**.
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1
CLP Sample ID	BAZS1	BAZW2	BAZS2	BAZS0	BAZS3	BAZW3	BOAG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX0	BAZY1	BAZX2
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	**20,000 J**	ND	ND	ND	ND	**1,800 J**	ND	ND	ND	ND	ND	ND	**1,200,000 EB**	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**370,000 E**	**4,100 J**	ND	ND
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	**1,900 J**	ND	ND	ND	**3,700 J**	ND	**14,000**
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**12,000**	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**17,000 J**	ND	ND	**33,000**	**310,000**	ND	**420,000 E**	ND	ND	**10,000**	**80,000**	ND	**180,000 E**	**4,100 J**
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**17,000 J**	ND	**3,400 J**	**3,300 J**	**1,000,000 E**	ND	**59,000**	ND	ND	**9,100**	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	**1,900 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	**200,000**	**5,700**	ND	**21,000 J**	ND	ND	ND	ND	ND	**110,000 E**	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	**24,000 J**	ND	ND	ND	ND	ND	**69,000**	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	**230,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	**18,000 J**	**180,000**	ND	**9,500 J**	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	**20,000 BJ**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ND	**32,000**	ND	**21,000 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5 X DF			5 X DF	5 X DF		5 X DF							

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
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Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2063-1	P001-DW-2064-1	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2	P001-DW-2093-1
CLP Sample ID	BAZX7	BAZR7	BAZX8	BAZX5	BAZR8	BAZW9	BAZX6	BAZX9	BAZR9	BAZX1	BAZY0	BB007	BB008	BB009
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	77,000 B	3,500 J	2,800 BJ	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	14,000 J	ND	ND	ND	ND	3,000 J	ND	2,600 J	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	21,000 J	530,000 E	ND	ND	ND	ND	ND	ND	270,000 E	ND	140,000	140,000	37,000 J
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	21,000 J	3,000 J	ND	ND	ND	ND	ND	ND	2,100 J	ND	33,000 J	33,000 J	11,000 J
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200 J	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	1,900 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500	ND	ND	ND	17,000 J
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,500	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	2,800 J	2,300 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	23,000 J	ND	ND	3,000 J	ND	ND	ND	ND	ND	ND	ND	ND	69,000
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	1,500 J	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,100 J	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	25,000 B	ND	ND	ND	6,100 B	ND	ND	ND	ND	200,000
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ND	95,000 B	3,900 J	ND	3,300 J	ND	ND	ND	ND	ND	ND	97,000	110,000	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		5 X DL										10 X DF	10 X DF	10 X DF

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1
CLP Sample ID	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3	BAZN4	BAZN5	BAZN6	BAZN7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05	Area05	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,500	6,300	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,700 B	7,000 B	ND	ND	1,100 BJ
4-Methylphenol	ND	ND	ND	ND	12,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	610,000	130,000	ND	ND	ND	ND	41,000	70,000	2,100 J	3,200 J	380,000	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	25,000 J	ND	ND	ND	ND	ND	34,000	120,000	ND	ND	1,100,000 E	1,100 J	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	1,800 J	ND	ND	ND	170,000	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	15,000 J	29,000 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	50,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	43,000 J	ND	2,100 J	ND	ND	2,900 J	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	930 J	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	71,000	ND	ND	ND	15,000 J	ND	ND	ND	7,200	11,000	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	1,200 J	29,000 J	2,900 J	3,900 J	150,000	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	24,000 J	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500	7,400	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	590,000	ND	ND	ND	38,000	49,000	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200 J	42,000 J	ND	ND
Butylbenzylphthalate	ND	52,000	ND	ND	ND	1,000,000 E	ND	1,300 BJ	ND	21,000 B	28,000 B	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ND	85,000	ND	ND	ND	ND	ND	4,400 J	ND	220,000 E	270,000 E	ND	1,500 J	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF							

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
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Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-2	P001-TW-6038-1	P001-TW-6038-2
CLP Sample ID	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BAZP2	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018
Area	Area05	Area05	Area05	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)	Liquid Waste (ng/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	**1,400 J**	ND	ND	ND	ND	**14,000**	ND	**1,400 J**	ND	**18,000**	**16,000 J**	**16,000 J**
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	**1,600 BJ**	**22,000 B**	ND	ND	ND	**17,000 B**	**13,000 B**	**4,200 BJ**	ND	**2,400 BJ**	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	**56,000**	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	**1,300,000 E**	ND	**20,000**	ND	ND	ND	ND	**7,300**	ND	ND	ND	**11,000 J**	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	**7,100,000 E**	ND	**72,000**	ND	ND	ND	**1,800 J**	**4,500 J**	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	**400,000**	ND	**5,500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	**2,800 J**	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	**120,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	**18,000**	ND	ND	**170,000**	ND	ND	ND	ND	**1,600 BJ**	**14,000 J**	**11,000 J**
Fluorene	ND	**300,000**	ND	**4,600 J**	ND	ND	ND	ND	**1,500 J**	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	**5,500**	ND	ND	ND	ND	**14,000 J**	**14,000 J**
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	**6,000 J**	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	**1,100,000 E**	ND	**11,000**	ND	ND	ND	ND	**1,500 J**	ND	**11,000 J**	ND	ND	ND
Anthracene	ND	**130,000**	ND	**1,200 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	**5,300**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	**1,400 BJ**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	**1,600 J**	ND	ND	ND	ND	ND	ND	**1,400 J**	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
													10 X DF	10 X DF

Notes:
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Detected concentrations are **Bolded**.
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
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Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1
CLP Sample ID	BAZQ9	BAZZ9	BB000	BAZR0	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0AL0	B0AK4	B0AK9	B0AK8	B0AK5
Area	Area02	Area02	Area02	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/26/2013	9/26/2013	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	120 J	ND	510 J	970 J	ND	ND
Phenol	24,000 E	ND	ND	ND	280 J	420 J	1,500	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	12,000	ND	ND	340 J	670 J	420 J	520 J	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	ND	ND	ND	ND	ND	450 J	670 J	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	60,000 E	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	39,000 E	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	51,000 E	ND	ND	ND	ND	ND	240 J	ND	ND	ND	370 J	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	260 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	120 J	62 J	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,800	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	7,300	ND	44,000 J	ND	ND	980	42,000 E	ND	ND	ND	580 J	ND	ND	400 J
Fluorene	720 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	1,400	ND	ND	ND	ND	ND	610 J	ND	ND	ND	ND	520 J	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	390 J	ND	ND	ND
Anthracene	200 J	ND	ND	ND	ND	ND	ND	150 J	73 J	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	850 J	ND	ND	4,800	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	6,000	ND	69,000	510 J	400 J	12,000	73,000 E	150 J	ND	ND	23,000	1,600 J	ND	4,800
Fluoranthene	370 J	15,000 J	ND	ND	270 J	ND	ND	100 J	110 J	ND	640 J	ND	ND	ND
Pyrene	ND	12,000 J	ND	1,000	1,500	ND	ND	140 J	93 J	ND	640 J	ND	ND	ND
Butylbenzylphthalate	4,500	71,000	ND	ND	ND	100,000 E	2,300	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	430 J	ND	ND	ND	72 J	ND	380 J	ND	ND	ND
Chrysene	ND	12,000 J	ND	ND	480 J	ND	ND	150 J	75 J	ND	440 J	ND	ND	ND
bis(2-Ethylhexyl)phthalate	33,000 E	70,000	30,000 J	8,000	9,700	27,000 E	21,000 E	ND	ND	ND	9,800	1,500 J	4,400	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	15,000 J	ND	ND	790 J	ND	ND	250 J	110 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	480 J	ND	ND	98 J	65 J	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	1,400	ND	ND	160 J	81 J	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	320 J	420 J	ND	ND	110 J	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	930 J	1,500	ND	ND	140 J	ND	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		10 X DF	10 X DF							10 X DF	10 X DF	10 X DF	10 X DF	10 X DF

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3011-1	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1	P001-S-6002-1	P001-S-6003-1
CLP Sample ID	B0AK7	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ8	BAZZ3	BAZZ4	BAZR4	BAZR5	BAZR6
Area	Area03	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06
Sampling Date	9/27/2013	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Benzaldehyde	ND	ND	**130,000 E**	ND	ND	ND	**62 J**	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	**3,200**	**870**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,200 J**	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	**7,600**	ND	ND	ND	**140 J**	ND	ND	ND	ND	**43 J**	**100,000 E**	ND
4-Methylphenol	ND	**1,600 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**520 J**	ND	ND	ND	ND	ND	**77 J**	ND	ND	ND	ND	ND	**340,000 E**	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**1,100 J**	ND	ND	ND	ND	ND	**85 J**	ND	ND	ND	ND	ND	**15,000**	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**800 J**	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	**1,400**	ND	**1,600 J**	**3,100**	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	**870 J**	**230**	ND	ND	**530 J**	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	**97 J**	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	**24,000**	ND	ND	ND	**1,600 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	**680 J**	**380**	ND	**580 J**	**850 J**	**840 J**	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	**380**	ND	ND	**3,700**	**3,500 E**	ND	**4,100**	**6,100**	**5,700**	ND	ND	**80 J**
Anthracene	ND	ND	**420**	ND	ND	**790 J**	**2,200**	ND	**4,100**	**4,500**	**3,400**	ND	ND	ND
Carbazole	ND	ND	**1,000**	ND	ND	ND	**340**	ND	ND	**740 J**	ND	ND	ND	ND
Di-n-butylphthalate	**1,200 J**	**560 J**	ND	ND	ND	ND	**57 J**	ND	ND	ND	ND	**120 J**	**2,700**	**140 J**
Fluoranthene	ND	ND	**770**	ND	ND	**1,600 J**	**6,800 E**	ND	**5,900**	**12,000**	**8,900**	ND	ND	**160 J**
Pyrene	ND	ND	**890**	ND	ND	**1,500 J**	**4,100 E**	ND	**5,300**	**9,300**	**7,700**	ND	ND	**93 J**
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	**440**	ND	ND	**700 J**	**2,800 E**	ND	**3,600**	**6,500**	**4,900**	ND	ND	**70 J**
Chrysene	ND	ND	**590**	ND	ND	**910 J**	**3,100 E**	ND	**3,300**	**6,800**	**5,300**	ND	ND	**88 J**
bis(2-Ethylhexyl)phthalate	**21,000**	**1,600 J**	**3,800 E**	**53,000 E**	ND	ND	ND	ND	ND	ND	**870 J**	**170 J**	**5,600**	**56 J**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	**590**	ND	ND	ND	**3,600 E**	ND	**3,800**	**7,900**	**5,300**	ND	ND	**65 J**
Benzo(k)fluoranthene	ND	ND	**430**	ND	ND	ND	**1,200**	ND	**2,000**	**4,300**	**2,500**	ND	ND	**35 J**
Benzo(a)pyrene	ND	ND	**240 J**	ND	ND	**470 J**	**2,900 E**	ND	**3,400**	**6,900**	**5,200**	ND	ND	**65 J**
Indeno(1,2,3-cd)pyrene	ND	ND	**360**	ND	ND	ND	**1,700**	ND	**1,800 J**	**4,200**	**2,800**	ND	ND	**45 J**
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	**450**	ND	**490 J**	**1,100 J**	**770 J**	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	**1,200**	ND	**1,900 J**	**4,000**	**2,800**	ND	ND	**44 J**
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF		10 X DF	10 X DF	10 X DF		10 X DF	10 X DF	10 X DF	10 X DF			

Notes:
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E- Sample concentrations exceeded the upper level of the calibration range.
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Table 2
Preliminary Analytical Data Summary Table - TCL SVOCs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7	BB019	BB020	BB0E1	BB0E2	BB0E3
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07	Area01	Area03	Area03	Area03	Area06
Sampling Date	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
Benzaldehyde	ND	ND	ND	ND	ND	**7,200**	ND	ND	ND	ND	ND	ND	**3.9 J**	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis-(2-Chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	**3,100**	ND	ND	ND	**1.7 J**	ND	ND	**5.5**	ND
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	**3,500**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1'-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	**15,000 J**	ND	ND	ND	ND	**1,100 J**	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	**15,000 J**	ND	ND	ND	ND	**1,200 J**	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8.4**	**7.2**	**7.1**	**8.5**	**6.7**
Fluoranthene	ND	ND	ND	**17,000 J**	**3,800**	**380 J**	ND	ND	**1,600 J**	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	**16,000 J**	**6,300**	**420 J**	ND	ND	**1,500 J**	**0.49 J**	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	**13,000 J**	**1,800 J**	ND	ND	ND	**1,100 J**	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	**15,000 J**	**2,300**	ND	ND	ND	**1,300 J**	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ND	ND	ND	**29,000 J**	**630 J**	**2,500**	ND	ND	**2,600 J**	**22**	ND	ND	**2.2 J**	ND
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.0 J**	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	**31,000 J**	**2,300**	ND	ND	ND	**2,400 J**	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	**7,900 J**	**980 J**	ND	ND	ND	**1,000 J**	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	**19,000 J**	**1,500 J**	ND	ND	ND	**1,500 J**	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	**15,000 J**	**990 J**	ND	ND	ND	**1,100 J**	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	**17,000 J**	**1,000 J**	ND	ND	ND	**1,300 J**	ND	ND	ND	ND	ND
2, 3, 4, 6 - Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF			10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF					

Notes
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
B - Indicates analyte found in the associated method blank.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZT0	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	**190 P**	ND	ND	**67 P**	ND	ND	ND	**53 P**	ND	ND	ND
beta-BHC	**63 P**	ND	**110 P**	ND	**78 P**	ND	ND	**64 P**	ND	ND	ND
delta-BHC	ND	ND	**110 P**	**130 P**	ND	**59 P**	ND	**340 P**	ND	**310 P**	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	**70 P**	ND	ND	ND
Heptachlor	ND	ND	**83 P**	ND	ND	**58 P**	ND	**180 P**	ND	**4,100 PE**	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	**530 P**	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,100 E**	ND
Endosulfan I	ND	ND	ND	ND	ND	**170**	ND	ND	ND	**110 P**	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500 PE**	ND
4,4'-DDE	**100 P**	ND	ND	ND	ND	ND	ND	ND	ND	**840 P**	ND
Endrin	ND	ND	ND	ND	ND	**220 P**	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6,200 PE**	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	**140 P**	ND	**11,000 E**	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	**140 P**	ND	**780 P**	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	**970 P**	ND
Methoxychlor	ND	ND	ND	ND	ND	**560**	ND	**420 PJ**	ND	**7,000 P**	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170 P**	ND
Endrin aldehyde	ND	ND	ND	ND	ND	**210 P**	ND	ND	ND	**7,000 PE**	ND
alpha-Chlordane	ND	ND	**61 P**	**62 P**	ND	ND	ND	ND	ND	**740 PE**	ND
gamma-Chlordane	ND	ND	**85 P**	**67 P**	ND	ND	ND	**2,900 E**	ND	**530 P**	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ2	BAZQ3
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110 P**
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
						50 X DF	50 X DF	50 X DF			

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZS4	BAZW1	BAZS1	BAZW2	BAZS2	BAZS0	BAZS3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	**52 P**	ND	ND	ND
beta-BHC	**170 P**	**140 P**	ND	ND	ND	ND	ND	**1,100 PE**	ND	**170 P**	ND
delta-BHC	ND	**65 P**	ND	ND	ND	ND	**100 P**	**1,500 PE**	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**94 P**
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	**320**	**100**	ND	ND	**150 P**
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	**170 P**	**1,000 PE**	ND	**120 P**	**110 P**
Endosulfan I	ND	ND	ND	ND	ND	ND	**880 PE**	ND	ND	ND	**120**
Dieldrin	ND	ND	ND	ND	ND	ND	**1,300 P**	ND	ND	**610**	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	**970 P**	ND	ND	**270 P**	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	**110**	ND	ND	**170 P**
Endosulfan II	ND	ND	ND	ND	ND	ND	**3,400 PE**	**1,500 PE**	ND	**750 P**	**270 P**
4,4'-DDD	ND	ND	ND	ND	ND	ND	**1,900 PE**	**320**	ND	**1,200 P**	**330**
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	**450 P**	ND	ND	ND	**120**
4,4'-DDT	ND	ND	ND	ND	ND	ND	**1,200 P**	ND	ND	**550 P**	**180 P**
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,600**	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	**940 P**	ND	ND	**350 P**	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	**1,300 E**	**15,000 E**	ND	ND	**100 P**
gamma-Chlordane	ND	ND	ND	ND	ND	ND	**1,200 PE**	ND	ND	ND	**91 P**
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

2 X DF

RST 2 Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	BAZW3	BQAG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX0	BAZY1	BAZX2	BAZX7	BAZR7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	**120 P**	**280 P**	ND	ND	ND	ND	**850 D***
beta-BHC	ND	ND	ND	ND	ND	**7,600 E**	ND	**120**	ND	ND	**630 P**
delta-BHC	ND	ND	ND	ND	ND	**2,600 PE**	ND	**140 P**	ND	ND	**260 P**
gamma-BHC (Lindane)	ND	ND	ND	ND	**470 P**	**230**	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	**490 P**	ND	**160 P**	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	**220 P**	ND	ND	ND
Heptachlor epoxide	ND	**62 P**	ND	ND	**140 P**	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**90 P**
Dieldrin	ND	ND	ND	ND	**120 P**	ND	ND	**570 P**	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	**130 P**	ND	ND	**210 P**	ND	ND	ND
Endrin	ND	ND	ND	ND	**110 P**	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	**480 P**	ND	ND	ND	ND	ND	**170 P**
4,4'-DDD	ND	ND	ND	ND	**970 P**	ND	ND	**7,400 PE**	ND	ND	ND
Endosulfan sulfate	ND	**250 P**	ND	ND	**380 P**	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	**690 P**	ND	ND	**1,400 P**	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	**310 P**	ND	ND	**1,300 P**	ND	ND	**130**
alpha-Chlordane	ND	**200**	ND	ND	**83 P**	ND	ND	ND	ND	ND	ND
gamma-Chlordane	ND	**130 P**	ND	ND	**96 P**	ND	ND	**280**	ND	ND	**95 P**
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

*5 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	BAZX8	BAZX5	BAZR8	BAZW9	BAZX6	BAZX9	BAZR9	BAZX1	BAZY0	BB007	BB008
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	100 P	ND	ND	ND	ND	ND	ND	ND	ND	1,100 P	3,200 P
beta-BHC	75 P	ND	ND	ND	ND	98 P	ND	300 P	ND	870 P	7,200 P
delta-BHC	160 P	150 P	100 P	ND	ND	270 P	ND	260	ND	ND	850 P
gamma-BHC (Lindane)	59 P	ND	ND	ND	ND	630	ND	150	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	14,000 PE	ND	130 P	ND	610 P	2,400 P
Aldrin	ND	ND	ND	ND	ND	59 P	ND	ND	ND	9,100 PE	25,000 PE
Heptachlor epoxide	1,500 PE	ND	ND	ND	ND	200	ND	100	ND	15,000 PE	7,200 P
Endosulfan I	ND	ND	ND	ND	ND	95 P	ND	260 P	ND	ND	15,000 PE
Dieldrin	ND	ND	ND	ND	ND	ND	ND	130 P	ND	29,000 PE	48,000 E
4,4'-DDE	140 P	ND	ND	ND	ND	270 P	ND	ND	ND	36,000 PE	80,000 E
Endrin	ND	ND	ND	ND	ND	110 P	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	3,700 P	ND	ND	ND	22,000 PE	16,000 PE
4,4'-DDD	120 P	ND	ND	ND	ND	370	ND	ND	ND	52,000 PE	26,000 PE
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	6,600 P	5,100 P
4,4'-DDT	760 P	ND	ND	ND	ND	ND	ND	ND	ND	8,700 P	70,000 PE
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	160,000 PE	ND
Endrin ketone	ND	ND	ND	ND	ND	100	ND	200 P	ND	ND	ND
Endrin aldehyde	5,700 E	ND	ND	ND	ND	ND	300	ND	ND	37,000 E	24,000 PE
alpha-Chlordane	670 P	1,100 E	ND	ND	ND	ND	ND	160 P	ND	33,000 E	23,000 PE
gamma-Chlordane	160 P	ND	ND	ND	ND	230 P	ND	3,000 E	ND	15,000 PE	19,000 PE
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
										10 X DF	10 X DF

RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	3,200	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	2,200 P	ND	ND	ND	93 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	790 P	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	700 P	ND	ND	ND	480 P	ND
Aldrin	ND	ND	ND	ND	ND	3,100 P	ND	ND	ND	150 P	ND
Heptachlor epoxide	590 P	ND	ND	ND	ND	4,500	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	1,200 P	ND	ND	5,400 P	ND	ND	ND	4,500 D*	ND
4,4'-DDE	ND	ND	ND	ND	ND	10,000 P	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	5,400	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	3,300 P	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	15,000 PE	ND	ND	ND	91 P	ND
Endosulfan sulfate	ND	ND	990 J	ND	ND	6,600 P	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	100,000 E	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	17,000 E	ND	990	ND	ND	9,000	71,000	ND	ND	ND	ND
alpha-Chlordane	ND	ND	ND	ND	ND	6,100	ND	ND	ND	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND	1,800 P	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	10 X DF	50 X DF	10 X DF		*10 X DF	

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	BAZN4	BAZN5	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BAZP2
Area	Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
alpha-BHC	ND	**180 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	**290 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	ND	**160 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	**440 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	**82 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	**49 P**	ND	ND	ND	**590 P**	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	**260 DP***	ND	ND	ND	**64 P**	ND	ND	ND	ND	ND
Endosulfan I	ND	**670**	ND	ND	ND	**61 P**	ND	ND	ND	ND	ND
Dieldrin	ND	**730**	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	**490 P**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	**180 P**	ND	ND	ND	**450 P**	ND	ND	ND	ND	ND
Endosulfan II	ND	**360**	ND	ND	ND	**570 P**	ND	ND	ND	ND	ND
4,4'-DDD	ND	**570 P**	ND	ND	ND	**610**	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	**130 P**	ND	ND	ND	**340 P**	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	**240 P**	ND	ND	ND	**800 P**	ND	ND	ND	ND	ND
alpha-Chlordane	ND	**270 P**	ND	ND	ND	**170 P**	ND	ND	ND	ND	ND
gamma-Chlordane	ND	**1,000 PE**	ND	ND	ND	**76 P**	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		*5 X DF									

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1
CLP Sample ID	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BB000	BAZR0
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	**800**	**11 P**	ND	ND	ND
delta-BHC	ND	**51 P**	ND	ND	ND	ND	ND	**33 P**	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	**11 P**	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	**22 P**	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	**55 P**	ND	ND	ND	**68 P**	**620 P**	ND	**30 P**
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	**22 P**	ND	**120**	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	**91 P**	ND	**120 P**	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	**19 P**	ND	**620**	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.7 P**
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5.7 P**
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	**230**	ND
alpha-Chlordane	ND	ND	ND	ND	ND	ND	ND	**31 P**	ND	**4,000 E**	**2.4 P**
gamma-Chlordane	**89 P**	ND	ND	ND	ND	ND	ND	**99 P**	ND	**110**	**2.4 P**
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
						10 X DF	10 X DF				

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected .
DF - Dilution factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0AL0	B0AK4	B0AK9	B0AK8	B0AK5	B0AK7
Area	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	12 P	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	240 P	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	4.6 P	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	2.9	20 P	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	17	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	9.6	ND	230 P	ND	ND	ND	ND	200	ND	ND	ND
Endosulfan II	8.7 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	9.7 P	ND	ND	ND	ND	ND	ND	ND	ND	700 P	ND
Endosulfan sulfate	13 P	ND	ND	ND	ND	ND	38 P	44 P	ND	1,200	ND
4,4'-DDT	28 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	95 J	270 P	330 P	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	51 P	ND	ND	230	ND
Endrin aldehyde	22 P	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	3.9 P	3.4 P	13 P	ND	ND	98	ND	ND	ND	ND	ND
gamma-Chlordane	ND	5.2 P	26 P	ND	ND	ND	ND	27 P	ND	170 P	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
						10 X DF	10 X DF	10 X DF	10 X DF	50 X DF	50 X DF

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
CLP Sample ID	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ8	BAZZ3	BAZZ4	BAZR4
Area	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4 P	ND
delta-BHC	ND	ND	3.7 P	ND	ND	ND	ND	ND	ND	6.1 P	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.7 P	ND
Heptachlor	ND	ND	5.9 P	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	2.2 P	ND	ND	ND	ND	ND	ND	11	ND
Heptachlor epoxide	ND	ND	ND	ND	11 P	2.5 P	ND	ND	ND	34	ND
Endosulfan I	ND	ND	2.3 P	ND	4.7 P	ND	ND	ND	ND	47 PE	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	30 P	ND
4,4'-DDE	ND	ND	6.2	ND	ND	5.8	ND	ND	ND	19 P	ND
Endrin	ND	ND	17	ND	14 P	ND	ND	ND	ND	39 P	ND
Endosulfan II	ND	ND	12 P	ND	ND	ND	ND	ND	ND	130 E	ND
4,4'-DDD	ND	ND	6.9 P	ND	9.4 P	7.9 P	ND	ND	ND	110 PE	ND
Endosulfan sulfate	ND	ND	9.3 P	ND	ND	ND	3.9 P	ND	ND	44 P	ND
4,4'-DDT	ND	ND	11	ND	58 P	8.4 P	4.2 P	ND	6.4	98 PE	ND
Methoxychlor	ND	ND	85	ND	110 P	ND	ND	ND	ND	73 P	ND
Endrin ketone	ND	ND	5.8 P	ND	ND	6.7 P	6.4 P	ND	6.0 P	29 P	ND
Endrin aldehyde	ND	ND	7.2 P	ND	17 P	ND	ND	19	ND	62 P	ND
alpha-Chlordane	ND	ND	3.4 P	ND	170 PE	3.3 P	ND	ND	ND	68 PE	ND
gamma-Chlordane	ND	ND	4.4 P	ND	4.8 P	3.0 P	ND	6.8 P	2.2 P	21 P	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10 X DF										

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Detected concentrations are **Bolded.**
E- Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution factor

Table 3
Preliminary Analytical Data Summary Table - Pesticides
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
CLP Sample ID	BAZR5	BAZR6	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	**17 P**	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	**4.3 P**	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	**14**	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND	ND	ND	**11 P**	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	**2.2 P**	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	**1.8 PJ**	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	**7.1 P**	ND	ND	ND
Endrin	ND	ND	ND	**6.3 P**	**6.0 P**	ND	ND	ND	ND	**6.4 P**	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	**150 PE**	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND	ND	ND	**8.1 P**	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	**4.1 P**	ND	**330**	**6.7 P**	ND	ND	ND	ND
4,4'-DDT	ND	ND	**6.9**	ND	ND	ND	**6.1**	**11 P**	ND	ND	ND
Methoxychlor	ND	ND	**6.8 PJ**	ND	ND	**320 PJ**	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	**5.6**	**4.0**	ND	ND	ND	**4.3 P**	ND	ND	ND
alpha-Chlordane	ND	ND	ND	**2.3 P**	**2.5 P**	ND	**5.7**	**2.2 P**	ND	**3.7**	ND
gamma-Chlordane	ND	ND	**6.0 P**	**2.1 P**	**2.0 P**	ND	ND	ND	**3.0 P**	**5.1 P**	**4.4 P**
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RST 2 Sample ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	BB019	BB020	BB0E1	BB0E2	BB0E3
Area	Area01	Area03	Area03	Area03	Area06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
alpha-BHC	ND	ND	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND
4,4'-DDT	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND
alpha-Chlordane	ND	ND	**0.064 P**	ND	ND
gamma-Chlordane	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND

Notes:
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E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
P - Indicates that there is greater than 25% difference for detected concentrations between the two GC columns for the analyte.
D - Indicates that sample was reanalyzed at a higher dilution.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution factor.

Table 4
Preliminary Analytical Data Summary Table - TCL PCBs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Sample ID	BAZS5	BAZS6	BAZS7	BAZS8	BAZS9	BAZT0	BAZT1	BAZT2	BAZT3	BAZT4	BAZT5
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	5,000 J	ND	ND	ND	ND	ND	ND	ND
	5 X DF	5 X DF		5 X DF	5 X DF			5 X DF		5 X DF	

RST 2 Sample ID	P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	BAZT6	BAZT7	BAZT8	BAZT9	BAZW0	BB004	BB005	BB006	BAZQ1	BAZQ2	BAZQ3
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				5 X DF	5 X DF						

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	BAZQ4	BAZQ5	BAZQ6	BAZQ7	BAZS4	BAZW1	BAZS1	BAZW2	BAZS2	BAZS0	BAZS3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
							5 X DF			5 X DF	5 X DF

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 4
Preliminary Analytical Data Summary Table - TCL PCBs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	BAZW3	B0AG9	BAZW4	BAZW7	BAZW6	BAZX4	BAZX0	BAZY1	BAZX2	BAZX7	BAZR7
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		5 X DF			5 X DF	5 X DF		2 X DF			5 X DF

RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	BAZX8	BAZX5	BAZR8	BAZW9	BAZX6	BAZX9	BAZR9	BAZX1	BAZY0	BB007	BB008
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Sludge Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5 X DF							5 X DF			5 X DF

RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	BB009	BB010	BB011	BB012	BB013	BB014	BB015	BB016	BAZN1	BAZN2	BAZN3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			5 X DF	5 X DF			5 X DF				

Notes:
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Detected concentrations are **Bolded**.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 4
Preliminary Analytical Data Summary Table - TCL PCBs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-5006-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	BAZN4	BAZN5	BAZN6	BAZN7	BAZN8	BAZN9	BAZP0	BAZP1	BAZP9	BAZQ0	BAZP2
Area	Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/18/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1
CLP Sample ID	BAZP3	BAZP4	BAZP5	BAZP6	BAZQ8	BB017	BB018	BAZQ9	BAZZ9	BB000	BAZR0
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Liquid Waste (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
						5 X DF					

RST 2 Sample ID	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	BAZR1	BAZR2	BAZR3	BAZZ0	BAZY9	B0AL0	B0AK4	B0AK9	B0AK8	B0AK5	B0AK7
Area	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
							5 X DF		5 X DF		5 X DF

Notes:
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Detected concentrations are **Bolded.**
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 4
Preliminary Analytical Data Summary Table - TCL PCBs
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
CLP Sample ID	B0AN6	BAZY8	BB001	BB002	BB003	BAZZ1	BAZZ2	BAZZ8	BAZZ3	BAZZ4	BAZR4
Area	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

5 X DF

RST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
CLP Sample ID	BAZR5	BAZR6	BAZZ7	BAZY3	BAZY4	BAZZ5	BAZZ6	BAZY2	BAZY5	BAZY6	BAZY7
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)	Soil (ug/kg)
Aroclor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

5 X DF

RST 2 Sample ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	BB019	BB020	BB0E1	BB0E2	BB0E3
Area	Area01	Area03	Area03	Area03	Area06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
Aroclor-1016	ND	ND	ND	ND	ND
Aroclor-1221	ND	ND	ND	ND	ND
Aroclor-1232	ND	ND	ND	ND	ND
Aroclor-1242	ND	ND	ND	ND	ND
Aroclor-1248	ND	ND	ND	ND	ND
Aroclor-1254	ND	ND	ND	ND	ND
Aroclor-1260	ND	ND	ND	ND	ND
Aroclor-1262	ND	ND	ND	ND	ND
Aroclor-1268	ND	ND	ND	ND	ND

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
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ND - Indicates the analyte was analyzed for but not detected.
DF - Dilution Factor

Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
CLP Sample ID	MBAZ85	MBAZ86	MBAZ87	MBAZ88	MBAZ89	MBAZT0	MBAZT1	MBAZT2	MBAZT3	MBAZT4	MBAZT5
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	**28.8**	**5.7 J**	**42.4**	**4.5 J**	**7.4 J**	ND	ND	ND	ND	**5.7 J**	**4.0 J**
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	**32**	**0.72 J**	**1.7 J**	**13.6 J**	**6.2 J**	**3.1 J**	**1.3 J**	**0.98 J**	ND	**0.58 J**	ND
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	**542**	**38.1 J**	**116 J**	**125 J**	**167 J**	ND	ND	**75.0 J**	**56.3 J**	**203 J**	**53.0 J**
Chromium	**0.55 J**	ND	ND	1.1	**0.46 J**	ND	ND	**0.46 J**	ND	ND	ND
Cobalt	**4.6 J**	**0.91 J**	**2.4 J**	ND	ND	**0.81 J**	ND	ND	**0.93 J**	ND	ND
Copper	**2.1 J**	**0.78 J**	**1.7 J**	ND	**0.66 J**	ND	**0.33 J**	**0.58 J**	**0.57 J**	**1.3 J**	**0.52 J**
Iron	**502**	**75.6**	**86.9**	**120**	**750**	**14.1**	**4.7 J**	**142**	**52.3**	**149**	**17.8**
Lead	**7.8**	**142 E**	**0.57 J**	**2.2**	**21.1**	ND	**0.27 J**	**29.9 E**	ND	**54.5 E**	**0.64 JE**
Magnesium	ND	ND	**72.4 J**	ND	**96.2 J**	ND	ND	ND	ND	ND	ND
Manganese	**7.1**	**0.45 J**	**6.9**	**3.6**	**5.2**	**0.46 J**	**0.4 J**	**1.6**	**0.77 J**	**3.3**	**0.50 J**
Nickel	**0.68 J**	ND	**0.33 J**	**5.1**	**6.5**	ND	**0.34 J**	ND	ND	ND	ND
Potassium	**296 J**	**240**	**3,250**	**1,190**	**1,160**	**306 J**	**918**	**185 J**	**305 J**	**264 J**	**233 J**
Selenium	**0.6 J**	**0.74 J**	**0.34 J**	ND	**0.55 J**	**0.48 J**	**0.47 J**	**0.69 J**	ND	**0.39 J**	ND
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	**964**	**140**	**15,000**	**2,510**	**3,040**	**10,300**	**4,960**	**98.2 J**	**4,070**	**3,200**	**15,400**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	**0.45 J**	ND	**1.1 J**	ND	ND	ND	ND
Zinc	**72.1**	**9.5**	**51.5**	**23.9**	**65.7**	**2.6 J**	**17.1**	**74.5**	**30.2**	**149**	**87.4**
Mercury	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND N	ND N
Cyanide	**0.38 J**	**0.61**	**0.35 J**	**0.28 J**	**0.39 J**	**0.33 J**	**0.42 J**	**2.2**	**0.26 J**	**0.32 J**	**0.26 J**

RST 2 Sample ID	P001-TW-10112-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
CLP Sample ID	MBAZT6	MBAZT7	MBAZT8	MBAZT9	MBAZW0	MBB004	MBB005	MBB006	MBAZQ1	MBAZQ2	MBAZQ3
Area	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	**79.3**	**3.9 J**	**192**	ND	**7.8 J**	**4.4 J**	**4.3 J**	**58**	**314**	**112**	**44.4**
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	**0.40 J**	ND	ND	**0.35 J**	ND	ND	**1.1**	**0.24 J**	ND
Barium	**2.4 J**	**16.5 J**	**35.9**	ND	**0.66 J**	ND	ND	**100**	**91.2**	**1.3 J**	**3.4 J**
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	**0.96**	ND	**0.18 J**	ND	ND	ND	ND	ND	**0.57**	ND	ND
Calcium	**449 J**	**72.2 J**	**943**	ND	**227 J**	ND	**55.1 J**	**9,290**	**8,550**	**138 J**	**219 J**
Chromium	**1.1**	ND	**4.8**	ND	**0.35 J**	ND	ND	**1.9**	**497**	**1.6**	**7.3**
Cobalt	**1.9 J**	ND	**1.9 J**	ND	ND	ND	**11.3**	**103**	**6.9**	ND	**3.3 J**
Copper	**8.6**	**1.5 J**	**159**	**0.65 J**	**0.85 J**	ND	ND	**15.3**	**14.2**	**1.2 J**	**5.2**
Iron	**1,480**	**91.3**	**2,080**	**5.8 J**	**21.2**	**105**	**16.5**	**2,630**	**32,300 D***	**161**	**649**
Lead	**19.1 E**	**12.1 E**	**56.9 E**	**39.1 E**	**15.4 E**	ND	ND	**3.1**	**22.2**	**0.59 J**	**3.1**
Magnesium	ND	ND	**81.5 J**	ND	**45.5 J**	ND	ND	**485 J**	**250 J**	**83.1 J**	**41.8 J**
Manganese	**6.8**	**0.60 J**	**14.2**	ND	**3.4**	**0.35 J**	**1.7**	**49.0**	**560**	**1.8**	**4.7**
Nickel	**1.7 J**	**0.84 J**	**3.2 J**	ND	ND	ND	ND	**0.71 J**	**8.3**	**2.3 J**	**4.2**
Potassium	**69.3 J**	**105 J**	**546**	**419 J**	**4,010**	ND	ND	**65.9 J**	**1,330**	**1,090**	**391 J**
Selenium	**0.60 J**	**0.96 J**	**0.80 J**	**0.93 J**	**0.49 J**	**4.9**	**0.91 J**	**3.8**	**3.8**	**0.62 J**	**0.34 J**
Silver	ND	ND	ND	ND	ND	ND	ND	**1.6**	ND	ND	ND
Sodium	**87.0 J**	**53.1 J**	**2,080**	**997**	**13,800**	ND	ND	**50.6 J**	**211 J**	**45,500**	**6,400**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND	ND	ND	**0.48 J**	**7.5**	ND	ND
Zinc	**194**	**10.4**	**103**	**3.5 J**	**41.3**	**0.58 J**	**0.27 J**	**7.0**	**229**	**8.8**	**72.7**
Mercury	ND N	ND N	**0.0061 JN**	ND N	ND N	**0.11**	**0.23**	**0.13**	**0.018 J**	ND	ND
Cyanide	**0.26 J**	**0.20 J**	**0.57**	**0.14 J**	**0.63**	ND	**0.60**	**1.0**	**0.28 J**	**0.61**	**0.41 J**

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded**.
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected.
* Result reported from a diluted analysis but dilution factor not reported as part of the preliminary data.

Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
CLP Sample ID	MBAZQ4	MBAZQ5	MBAZQ6	MBAZQ7	MBAZS4	MBAZW1	MBAZS1	MBAZW2	MBAZS2	MBAZS0	MBAZS3
Area	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Sludge Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	18.1 J	13.3 J	493	212	124	78.0	423	17.5 J	48.0	13.1 J	ND
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.16 J	0.19 J	0.17 J	0.29 J	ND	0.53 J	0.55 J	0.51 J	2.5	ND	ND
Barium	6.8 J	5.2 J	13.7	46.1	12.2 J	ND	506	0.50 J	0.71 J	1.5 J	ND
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	0.18 J	0.12 J	ND	ND	0.35 J	ND	ND	ND	ND
Calcium	486 J	543	1,820	6.53	7.48	ND	6,670	77.9 J	ND	ND	ND
Chromium	0.35 J	0.5 J	16.2	12.3	0.57 J	1,190 DR*	16.2	2.0	ND	0.41 J	ND
Cobalt	ND	ND	3.8 J	1.2 J	2.1 J	42.3	52.4	46.5	ND	0.55 J	ND
Copper	1.1 J	0.88 J	24.1	160	2.0 J	0.59 J	51.7	1.0 J	1.2 J	4.1	0.43 J
Iron	45.1	65.4	1,940	4,210	527	38.9	7,690	5,550	23.8	75.9	142
Lead	3.7	0.89	13.3	17.6	4.6	ND	143	4.8	ND	0.76 J	28.1
Magnesium	113 J	136 J	210 J	101 J	ND	ND	469 J	ND	ND	ND	ND
Manganese	4.4	7	17.9	23.8	6.6	0.52 J	83.8	10.7	0.63 J	0.61 J	1.0 J
Nickel	0.33 J	0.43 J	3.7 J	2.3 J	0.45 J	41.8	7.1	1.4 J	0.63 J	ND	ND
Potassium	1,490	1,620	574	488	16,200	1,220	177 J	99.4 J	2.90 J	50.0 J	ND
Selenium	0.68 J	0.4 J	0.78 J	0.98 J	ND	1.3 J	1.2 J	1.0 J	0.66 J	0.73 J	0.47 J
Silver	ND	ND	ND	ND	ND	ND	0.29 J	ND	ND	ND	ND
Sodium	12,900	14,800	6,970	2,500	5,790	34,100	4,640	1,480	15,600	ND	57.8 J
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	0.79 J	1 J	ND	ND	0.77 J	0.84 J	ND	ND	ND
Zinc	5.1 J	7	289	117	170	33.0	1,490	9.6	1.0 J	8.4	2.2 J
Mercury	ND	ND	0.014 J	0.0061 J	ND	ND N	0.020 J	0.79	ND	ND	ND
Cyanide	0.45 J	0.33 J	0.64	0.71	1.7	0.089 J	0.81	0.13 J	2.2	0.22 J	0.16 J

RST 2 Sample ID	P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
CLP Sample ID	MBAZW3	MB0AG9	MBAZW4	MBAZW7	MBAZW6	MBAZX4	MBAZX0	MBAZY1	MBAZX2	MBAZX7	MBAZR7
Area	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2	Area#2
Sampling Date	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	7.9 J	13.1 J	ND	82.8	29.1	28.9	ND	11.7 J	3.7 J	26.30	5 J
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND J	ND	ND	ND	ND	ND	0.87 J	ND
Barium	ND	ND	0.69 J	28.9	2.9 J	3.3 J	ND	3.5 J	ND	63.9	0.64 J
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND
Calcium	53.9 J	86.7 J	33.9 J	175 J	204 J	ND	ND	35.1 J	ND	1,050	323 J
Chromium	0.69 J	ND	ND	1.7	0.80 J	6.5	ND	ND	1.8	39.5	0.45 J
Cobalt	ND	ND	ND	1.3 J	0.37 J	2.4 J	ND	0.91 J	ND	9.6	ND
Copper	0.76 J	13.6	ND	47.0	2.1 J	0.92 J	ND	4.4	ND	300	11.3
Iron	293	54.9	25.3	307	508	1,020	6.0 J	44.8	11.8	4,340	178
Lead	0.37 J	9.7	0.70 J	2.5	10.3	4.4	ND	43.4	0.47 J	18.2	170
Magnesium	ND	ND	ND	49.7 J	ND	ND	ND	ND	35.0 J	179 J	157 J
Manganese	3.8	ND	0.45 J	14.6	5.1	1.7	ND	0.69 J	ND	35.9	2.7
Nickel	0.38 J	ND	ND	2.8 J	0.61 J	0.49 J	ND	1.7 J	1.3 J	182	0.61 J
Potassium	772	ND	64.9 J	703	3,840	90.9 J	66.7 J	49.6 J	1.69 J	877	153 J
Selenium	0.30 J	0.45 J	ND	0.72 J	0.45 J	2.3 J	1.8 J	2.7 J	ND	1.4 J	0.83 J
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J	ND
Sodium	734	ND	5,090	1,360	2,750	80.6 J	29,000	ND	99,200 D*	3,340	55.9 J
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND	0.65 J	ND	ND	ND	ND	ND
Zinc	16.9	24.8	2.1 J	83.0	70.4	14.7	1.2 J	34.5	3.7 J	250	330
Mercury	ND	ND	ND	ND	ND	0.022 J	0.022 J	0.022 J	0.042 J	0.045 J	ND N
Cyanide	0.67	0.23 J	0.32 J	1.2	3.7	0.92	2.8	0.14 J	0.23 J	ND	0.2 J

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected .
* Result reported from a diluted analysis but dilution factor not reported as part of the preliminary data.

Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superfor Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
CLP Sample ID	MBAZX8	MBAZX5	MBAZR8	MBAZW9	MBAZX6	MBAZX9	MBAZR9	MBAZX1	MBAZY0	MBB007	MBB008
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Sludge Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	ND	69.8	8.8 J	9.5 J	ND	ND	ND	5.2 J	ND	14.5 J	11.9 J
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	0.57 J	0.19 J	0.61 J	ND	0.48 J	ND	ND	0.25 J	ND	ND
Barium	0.42 J	11.5 J	0.44 J	ND	ND	ND	3 J	ND	0.47 J	1.7 J	1.5 J
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	ND	1,310	142 J	ND	ND	ND	38.8 J	ND	40.9 J	ND	ND
Chromium	ND	12.1	81.0	ND	ND	0.50 J	ND	ND	ND	0.57 J	1.6
Cobalt	ND	43.0	63.5	ND	ND	3.0 J	ND	ND	ND	1.9 J	1.6 J
Copper	0.84 J	4.8	3.6	0.67 J	ND	ND	ND	ND	ND	1.1 J	1.1 J
Iron	89.9	3,370	178	6.6 J	ND	360	255 P	23.9	16.7	175	161
Lead	9.5	5.5	1.6 E	ND	ND	ND	0.75 J	18.8	ND	5.5	5.0
Magnesium	ND	63.9 J	75.2 J	ND	ND	ND	ND	ND	ND	ND	ND
Manganese	ND	42.3	4.7	ND	ND	1.0 J	7.6	ND	ND	0.79 J	0.92 J
Nickel	ND	3.2 J	180	ND	ND	ND	ND	ND	ND	ND	0.84 J
Potassium	60.2 J	615	933	4,900	87.7 J	130 J	54.6 J	64.8 J	151 J	ND	ND
Selenium	3.1 J	2.6 J	0.33 J	1.0 J	ND	4.4	ND	1.9 J	1.1 J	1.4 J	0.90 J
Silver	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	ND	12,400	9,130	5,320	76.1 J	128 J	316 J	68.1 J	198 J	ND	ND
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	0.57 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	0.94 J	105	34.7	1.2 J	ND	2.8 J	8.1	2.1 J	6.1	37.3	33.5
Mercury	0.045 J	0.034 J	ND N	0.019 J	0.025 J	0.024 J	ND N	0.023 J	0.016 J	ND	ND
Cyanide	ND	0.18 J	0.30 J	ND	ND	ND	0.17 J	0.12 J	ND	0.49 J	0.75

RST 2 Sample ID	P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2113-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-1	P001-DW-5002-1	P001-DW-5006-1
CLP Sample ID	MBB009	MBB010	MBB011	MBB012	MBB013	MBB014	MBB015	MBB016	MBAZN1	MBAZN2	MBAZN3
Area	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/18/2013	9/18/2013	9/18/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	ND	47.8	ND	18.1 J	ND	18.7 J	18.9 J	71.7	ND	ND	36
Antimony	ND	ND	ND	ND	ND	14.9	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	1.8	ND	ND	0.18 J	ND	ND	ND	ND
Barium	ND	2.2 J	ND	0.79 J	ND	ND	7.2 J	3.8 J	0.44 J	ND	6 J
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	ND	129 J	ND	138 J	68.5 J	ND	67.3 J	144 J	ND	37.6 J	151 J
Chromium	1.6	0.75 J	2.4	0.51 J	22.3	0.35 J	10.4	6.4	ND	4.6	7.5
Cobalt	ND	ND	ND	ND	ND	5.8	ND	0.91 J	ND	2.6 J	0.35 J
Copper	0.37 J	1.2 J	8.1	0.36 J	ND	ND	10.4	ND	0.35 J	89.8	5.6
Iron	16.6	1,830	14.1	57.7 E	13.5	127 E	204 E	36.4 E	40.1	45	643
Lead	0.60 J	24.4	14.0	7.5 E	1.7	0.39 JE	1.2 E	ND E	2.60	11.7	3.2
Magnesium	ND	ND	ND	76.0 J	ND	ND	ND	ND	ND	ND	ND
Manganese	0.55 J	5.9	6.8	0.73 J	0.68 J	ND	1.6	ND	ND	1.4 J	7.1
Nickel	1.1 J	0.49 J	0.77 J	ND	0.34 J	0.88 J	0.90 J	0.58 J	ND	ND	1.5 J
Potassium	111 J	601	ND	201 J	481 J	467 J	75.4 J	115 J	98.6 J	ND	117 J
Selenium	1.0 J	1.5 J	1.8 J	1.1 J	0.77 J	1.5 J	4.7	0.89 J	0.5 J	0.83 J	0.99 J
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	853	43,600	59.6 J	4,830	16,400	15,700	55.6 J	47,300 D*	ND	88.6 J	557
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	22.0	27.9	1.9 J	21.6 E	9.9	31.4 E	29.5 E	696 E	2.9 J	84.6	31.8
Mercury	ND	0.029 J	ND	0.0082 J	ND	ND	0.10	ND	0.022 J	0.0064 J	0.009 J
Cyanide	1.8	0.35 J	0.16 J	0.59	0.14 J	0.24 J	0.11 J	0.46 J	5.3	1.7	0.78

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded.**
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected.
* Result reported from a diluted analysis but dilution factor not reported as part of the preliminary data.

Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-DW-5008-2	P001-DW-5009-1	P001-DW-5013-1	P001-DW-5023-1	P001-DW-5024-1	P001-DW-5027-1	P001-DW-5029-1	P001-DW-6006-1	P001-DW-6009-1	P001-DW-6010-1	P001-DW-6011-1
CLP Sample ID	MBAZN4	MBAZN5	MBAZN6	MBAZN7	MBAZN8	MBAZN9	MBAZP0	MBAZP1	MBAZP9	MBAZQ0	MBAZP2
Area	Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/19/2013	9/19/2013	9/19/2013	9/19/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)
Aluminum	**20.2**	ND	ND	**18.9 J**	**26.9**	ND	ND	ND	ND	ND	**5.9 J**
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	**0.17 J**	ND	ND	**0.17 J**	ND	ND	ND
Barium	**1.8 J**	ND	ND	ND	ND	ND	ND	ND	**1.4 J**	**0.51 J**	ND
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	**78.4 J**	ND	ND	**48.7 J**	ND	ND	ND	ND	ND	ND	ND
Chromium	**5.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.4**
Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	**3.9**	ND	ND	ND	ND	ND	ND	**1.1 J**	ND	ND	ND
Iron	**504**	ND	**18.9**	**49.9**	**3.1 J**	**14.6**	**14.1**	**4.34**	**183**	**7.4 J**	**295**
Lead	**1.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese	**4.5**	ND	ND	**0.59 J**	ND	ND	ND	ND	**0.69 J**	ND	**0.92 J**
Nickel	**1.2 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium	**71.6 J**	ND	ND	**912**	ND	ND	ND	**103 J**	ND	ND	ND
Selenium	**0.81 J**	**0.88 J**	ND	**0.52 J**	**1.3 J**	**0.68 J**	**0.26 J**	**1.2 J**	ND	ND	**0.86 J**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	**348 J**	ND	**419 J**	**111 J**	**131 J**	ND	**2,850**	ND	**682**	612	ND
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	**19.1**	ND	**5.4 J**	**7.5**	ND	ND	**2.7 J**	**0.82 J**	**0.72 J**	**0.71 J**	**2 J**
Mercury	**0.0073 J**	ND	ND	ND	ND	ND	**0.012 J**	**0.016 J**	ND	ND	ND
Cyanide	**0.45 J**	**0.26 J**	**0.53**	**0.23 J**	**0.22 J**	**0.28 J**	**0.24 J**	**0.65**	**0.67**	**0.75**	**0.44 J**

RST 2 Sample ID	P001-DW-6017-1	P001-DW-6018-1	P001-DW-6021-1	P001-DW-6024-1	P001-DW-6035-1	P001-TW-6030-1	P001-TW-6030-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1
CLP Sample ID	MBAZP3	MBAZP4	MBAZP5	MBAZP6	MBAZQ5	MBB017	MBB018	MBAZQ9	MBAZZ9	MBB000	MBAZR0
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date	9/19/2013	9/19/2013	9/19/2013	9/19/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Liquid Waste (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)
Aluminum	**8.5 J**	**31.6**	**8 J**	ND	**16.2 J**	**119**	**99.0**	**3,250**	**3,720 E**	**3,580 E**	**2,850**
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	ND	ND	ND	**1.8**	**2.0**	**2.2**	**2.1**
Barium	**0.46 J**	**9.8 J**	ND	**9.7 J**	ND	**1.8 J**	**1.5 J**	**23.7**	**31.6 E**	**32.4 E**	**40.4**
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND	ND	ND	ND	**0.48**	**0.86**	**0.99**	**0.48 J**
Calcium	**222 J**	**251 J**	ND	ND	ND	**192 J**	**163 J**	**8,000**	**13,100 E**	**4,240 E**	**1,160**
Chromium	ND	**1.2**	ND	**1.2**	**0.48 J**	**0.60 J**	**0.37 J**	**14**	**27.5**	**17.9**	**25.9**
Cobalt	ND	ND	ND	ND	ND	**0.49 J**	**0.38 J**	**5.9**	**6.5**	**5.3**	**7.1**
Copper	ND	**6.6**	ND	**1.5 J**	ND	**5.7**	**4.0**	**25.3**	**38.2**	**21.3**	**16.4**
Iron	**20.2**	**443**	**89.5**	**4,320**	**13**	**271 E**	**230 E**	**8,090**	**19,500 E**	**14,100 E**	**9,030**
Lead	ND	**2.8**	ND	ND	**0.44 J**	**31.5 E**	**28.0 E**	**335**	**94.5 E**	**33.7 E**	**40.5**
Magnesium	ND	ND	ND	ND	ND	**84.1 J**	**56.2 J**	**4,820**	**6,220**	**2,630**	**357 J**
Manganese	**0.5 J**	**5.3**	ND	**15**	**0.34 J**	**14.3**	**17.8**	**192**	**167 E**	**64.7 E**	**130**
Nickel	ND	**0.87 J**	ND	**1.4 J**	ND	**0.49 J**	**0.31 J**	**7**	**15.9**	**10.5**	**142**
Potassium	ND	**1,380**	ND	ND	ND	**119 J**	**114 J**	**703**	**986**	**327 J**	**231 J**
Selenium	**0.49 J**	**0.45 J**	ND	**0.85 J**	ND	**1.8 J**	**1.1 J**	**1.4 J**	ND	**1.6 J**	**1.4 J**
Silver	ND	ND	ND	ND	ND	ND	ND	**8.6**	**8.41 J**	**0.46 J**	ND
Sodium	**148 J**	**5,730**	**45,300**	ND	**200 J**	**742**	**630**	**736**	**257 J**	**133 J**	**36.2 J**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	ND	**0.54 J**	ND	**0.64 J**	ND	ND	ND	**20.8**	**33.3**	**31.2**	**13.5**
Zinc	**81.9**	**28.3**	**0.4 J**	**2.4 J**	**0.53 J**	**84.6 E**	**69.4 E**	**128**	**190 E**	**121 E**	**221**
Mercury	ND	**0.0075 J**	ND	ND	ND	ND	ND	**0.019 J**	**0.27**	**0.052 J**	**0.074 J**
Cyanide	**0.56**	**1.1**	**0.78**	**3.9**	**0.39**	**0.37 J**	**0.14 J**	**0.4 J**	ND	**0.058 J**	**0.39 J**

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded**.
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected.
* Result reported from a diluted analysis but dilution factor not reported as part of the preliminary data.

Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
CLP Sample ID	MBAZR1	MBAZR2	MBAZR3	MBAZZ0	MBAZY9	MB0AL0	MB0AK4	MB0AK9	MB0AK8	MB0AK5	MB0AK7
Area	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date	9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)
Aluminum	2,240	2,360	1,800	2,590 E	4,710 E	5,120	1,760	843	1,520	2,190	734
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	1.5	2.2	2.2	0.75 J	1.6	2.3	1.3	0.64 J	1.6	2.3	1.0
Barium	78.1	29.1	19	13.2 JE	24.7 E	41.7	22.6	9.6 J	23.7	40.7	24.8
Beryllium	ND	ND	ND	ND	ND	ND	ND	3.7	ND	ND	ND
Cadmium	0.45 J	0.47	0.54	0.48 J	0.53	1.1	0.22 J	ND	0.20 J	1.3	0.18 J
Calcium	2,030	2,480	1,800	1,610 E	1,190 E	1,920	653	190 J	3,880	6,780	290 J
Chromium	14.3	21	16.3	6.9	9.8	26.2	13.5	4.0	13.9	6.80	5.7
Cobalt	3.7 J	4.6	2.3 J	2.2 J	3.0 J	5.3	2.1 J	5.0 J	2.5 J	1.7 J	0.80 J
Copper	17.1	13	11.5	10.8	11.2	26.9	9.1	27.0	9.4	10.3	4.5
Iron	10,400	10,800	10,700	3,030 E	5,940 E	16,100	7,310	2,340	5,870	12,800	5,470
Lead	34.1	27.9	17.5	10.0 E	12.2 E	35.1	28.0	10.3	32.2	32.0	10.5
Magnesium	535	1,000	1,140	108 J	352 J	735	256 J	62.6 J	1,790	3,370	105 J
Manganese	76.9	200	76	16.3 E	25.0 E	92.0	46.4	11.1	94.8	114	57.6
Nickel	5.4 J	6.2	6.1	4.3	5.3	10.9	166	1.1 J	6.7	18.0	1.9 J
Potassium	176 J	343 J	232 J	95.2 J	206 J	331 J	234 J	96.2 J	224 J	290 J	195 J
Selenium	1.4 J	1.4 J	1.6 J	0.46 J	0.29 J	0.64 J	0.31 J	0.71 J	0.50 J	0.49 J	ND
Silver	0.8 J	0.75 J	5.6	0.27 J	0.28 J	0.89 J	ND	ND	ND	0.27 J	ND
Sodium	65.1 J	164 J	41.3 J	ND	ND	63.2 J	53.5 J	ND	38.4 J	342 J	36.4 J
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	16.6	17.5	11.9	7.8	12.1	20.6	8.6	4.3 J	10.3	12.2	4.4 J
Zinc	214	118	152	66.3 E	129 E	418	117	42.3	517	241	65.8
Mercury	0.024 J	0.041 J	0.029 J	0.067 J	0.083 J	0.070 J	0.032 J	0.017 J	0.033 J	0.034 J	0.024 J
Cyanide	0.31 J	0.37 J	0.41 J	ND	ND	0.39 J	ND	ND	0.064 J	0.13 J	ND

RST 2 Sample ID	P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
CLP Sample ID	MB0AN6	MBAZY8	MBB001	MBB002	MBB003	MBAZZ1	MBAZZ2	MBAZZ8	MBAZZ3	MBAZZ4	MBAZR4
Area	Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date	9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix (Unit)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)
Aluminum	1,810	1,810 E	745 E	18,400	5,540	3,020 E	3,350 E	4,990 E	4,050 E	4,710 E	358
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.0	2.1	22.4	1.1	4.1	3.0	2.1	2.9	3.2	2.3	11.6
Barium	34.9	27.2 E	1,420 E	53.7	183	31.6 E	15.2 JE	64.5 E	22.9 E	28.9 E	8.7 J
Beryllium	ND	ND	ND	ND	ND	0.17 J	ND	ND	0.20 J	0.16 J	ND
Cadmium	1.0	0.97	4.0	1.5	4.3	0.88	0.32 J	2.7	0.62	1.0	3.6
Calcium	9.46	3,520 E	3,560 E	15,800	18,600	16,100 E	6,260 E	26,800 E	26,300 E	17,000 E	184 J
Chromium	20.5	13.9	9.38	19.7	28.1	18.1	8.8	19.7	16.4	13.5	69.7
Cobalt	3.3 J	8.1	50.5	1.8 J	8.9	3.8 J	1.9 J	5.6	4.5 J	3.5 J	10.2
Copper	12.8	27.8	1,020	10.3	35.8	26.2	16.5	54.9	38.6	23.6	80.9
Iron	12,200	9,850 E	460,000 DE*	1,990	13,600	13,700 E	7,690 E	13,000 E	23,100 E	9,080 E	500,000 D*
Lead	65.4	21.9 E	200 E	75.0	137	46.7 E	18.7 E	56.8 E	25.9 E	23.8 E	7.1
Magnesium	408 J	1,830	202 J	162 J	6,760	7,690	3,120	5,260	15,200	8,120	ND
Manganese	354	83.1 E	4,440 DE*	35.4	185	182 E	71.1 E	208 E	238 E	119 E	1,530
Nickel	18.4	10.9	481	4.1	12.1	10.9	4.5	12.3	11.3	9.0	71.6
Potassium	272 J	504 J	127 J	917 J	426 J	539	262 J	591	654	485 J	ND
Selenium	0.58 J	0.39 J	ND	ND	2.8 J	ND	ND	0.50 J	ND	0.66 J	ND
Silver	0.74 J	0.51 J	ND	ND	1.3	ND	ND	1.2	ND	0.32 J	ND
Sodium	781	58.5 J	140 J	44.6 J	136 J	177 J	76.3 J	152 J	413 J	154 J	ND
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	14.1	16.4	56.6	14.4	36.1	25.3	16.0	20.6	29.2	28.4	23.9
Zinc	183	294 E	262 E	35.5	243	88.7 E	263 E	291 E	1,360 E	141 E	43.4
Mercury	0.038 J	0.053 J	0.092 J	0.020 J	0.068 J	0.062 J	0.071 J	0.83	0.12	0.13	0.038 J
Cyanide	0.20 J	ND	1.1	ND	0.14 J	ND	0.32 J	ND	ND	0.12 J	0.67

Notes:
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Detected concentrations are **Bolded**.
E - Sample concentration is exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected.
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Table 5
Preliminary Analytical Data Summary Table - Inorganics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID	P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
CLP Sample ID	MBAZR5	MBAZR6	MBAZZ7	MBAZY3	MBAZY4	MBAZZ5	MBAZZ6	MBAZY2	MBAZY5	MBAZY6	MBAZY7
Area	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix (Unit)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)	Soil (mg/kg)
Aluminum	1,650	1,540	3,570 E	3,790 E	2,900 E	1,220 E	2,220 E	1,920 E	2,650 E	7,190 E	6,070 E
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.68 J	0.97	3.5	2.4	1.8	2.4	2.9	2.2	1.6	5.8	4.8
Barium	330	24.4	67.0 E	40.1 E	35.2 E	155 E	33.3 E	22.2 E	24.0 E	73.0 E	69.4 E
Beryllium	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND	0.30 J	0.25 J
Cadmium	0.38 J	1.6	0.97	0.39 J	0.39 J	3.7	3.0	0.40 J	0.24 J	2.2	1.9
Calcium	55,300	1,340	11,500 E	2,920 E	2,830 E	21,400 E	530 E	1,340 E	16,400 E	8,600 E	7,660 E
Chromium	463	8.7	19.2	13.8	13.4	397	17.5	9.5	7.8	28.9	24.8
Cobalt	61.9	1.1 J	5.4	3.7 J	2.7 J	263	3.0 J	1.7 J	2.7 J	7.1	5.8
Copper	722	3.4	33.8	15.3	16.2	62.3	17.2	13.7	10.5	38.1	40.7
Iron	20,800	8,340	15,800 E	11,600 E	12,100 E	45,900 DE*	52,400 DE*	14,900 E	6,590 E	17,200 E	14,700 E
Lead	1710	19	58.9 E	34.2 E	31.3 E	1,400 E	43.1 E	18.4 E	14.7 E	66.5 E	56.6 E
Magnesium	3,800	392 J	3,780	1,510	1,340	1,480	277 J	709	2,310	1,610	1,840
Manganese	217	57	165 E	85.1 E	85.9 E	508 E	175 E	77.1 E	83.3 E	122 E	171 E
Nickel	13.4	3.2 J	12.0	7.7	6.6	58.4	15.1	6.2	6.0	16.2	14.2
Potassium	233 J	162 J	594 J	594	295 J	165 J	145 J	212 J	257 J	652	526
Selenium	2.2 J	1.1 J	ND	0.31 J	ND	0.50 J	ND	ND	ND	ND	0.85 J
Silver	6.9	ND	1.8	2.0	1.8	20.9	ND	0.69 J	0.60 J	3.7	2.7
Sodium	160 J	14,400	221 J	530	68.8 J	137 J	51.0 J	45.7 J	97.0 J	88.3 J	81.2 J
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	4.4 J	5.6	21.2	21.0	18.4	11.7	15.2	13.1	17.6	49.4	35.5
Zinc	139	37.4	131 E	99.0 E	117 E	157 E	247 E	51.5 E	44.5 E	262 E	242 E
Mercury	0.043 J	0.066 J	0.12	0.15	0.14	0.093 J	0.044 J	0.066 J	0.039 J	0.53	0.31
Cyanide	1.1	0.49	0.26 J	0.38 J	0.32 J	5.1	0.53	ND	0.21 J	ND	0.13 J

RST 2 Sample ID	P001-SW-1001-1	P001-SW-3001-1	P001-SW-3001-2	P001-SW-3002-1	P001-SW-6001-1
CLP Sample ID	MBB019	MBB020	MBB0E1	MBB0E2	MBB0E3
Area	Area01	Area03	Area03	Area03	Area06
Sampling Date	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix (Unit)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)	Surface Water (ug/L)
Aluminum	583	ND	ND	2,230	1,310
Antimony	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	ND
Barium	ND	ND	ND	461	ND
Beryllium	ND	ND	ND	ND	ND
Cadmium	2.7 J	ND	ND	ND	ND
Calcium	36,900	9,420	8,870	25,000	50,000
Chromium	4.6 J	ND	ND	7.5 J	5.4 J
Cobalt	ND	ND	ND	10.0 J	ND
Copper	26.1	ND	ND	8.3 J	29.8
Iron	11,000	3,010	3,550	23,400	2,680
Lead	23.8	ND	4.3 J	64.4	36.6
Magnesium	7,440	1,780 J	1,790 J	4,250 J	5,790
Manganese	289	178	97.0	1,080	261
Nickel	10.8 J	ND	ND	52.5	ND
Potassium	5,600	2,060 J	1,940 J	11,900	4,700 J
Selenium	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
Sodium	15,200	2,230 J	2,060 J	39,900	4,480 J
Thallium	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND
Zinc	417	16.8 J	41.0 J	808	111
Mercury	ND	ND	ND	ND	ND
Cyanide	47.5 J	4.1 J	1.8 J	3.5 J	4.9 J

Notes:
All results are preliminary and have not gone through any data review or validation process.
Detected concentrations are **Bolded**.
E - Sample concentrations exceeded the upper level of the calibration range.
J - Indicates the reported value is an estimate.
D - Indicates that sample was reanalyzed at a higher dilution.
N - Indicates presumptive evidence of the analyte.
ND - Indicates the analyte was analyzed for but not detected
* Result reported from a diluted analysis but dilution factor not reported as part of the preliminary data.

Table 6
Validated Analytical Data Summary Table - RCRA Characteristics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID		P001-TW-1001-1	P001-TW-1002-1	P001-TW-1003-1	P001-TW-1004-1	P001-TW-1005-1	P001-TW-1006-1	P001-TW-1007-1	P001-TW-1008-1	P001-TW-1009-1	P001-TW-1010-1	P001-TW-1011-1
Area		Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01
Sampling Date		9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste
	MDL/Unit											
Corrosivity (as pH)	pH	7.14	8.97	6.69	6.41	6.43	8.01	7.18	7.07	5.81	5.97	13.21
Flashpoint	°F	>212	180	>212	165	145	>212	>212	100	>212	130	>212
Ignitability	°C	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	30	18	19	32	32	30	26	32	14	ND	18

RST 2 Sample ID		P001-TW-1012-1	P001-TW-1013-1	P001-TW-1014-1	P001-TW-1015-1	P001-TW-1015-2	P001-DW-1016-1	P001-DW-1019-1	P001-DW-1024-1	P001-DW-2001-1	P001-DW-2003-1	P001-DW-2004-1
Area		Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area01	Area02	Area02	Area02
Sampling Date		9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/27/2013	9/27/2013	9/27/2013	9/20/2013	9/20/2013	9/20/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste *	Liquid Waste	Liquid Waste *
	MDL/Unit											
Corrosivity (as pH)	pH	6.44	4.68	8.7	9.57 J	9.37 J	5.08	4.92	3.83	4.18	12.78	8.08
Flashpoint	°F	98	92	115	98	82	68	70	70	-	138	-
Ignitability	°C	-	-	-	-	-	-	-	-	NO	-	NO
Cyanide, Reactive	0.050 mg/Kg	ND	ND	0.725	0.125	0.11	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	32	30	34	32	38	26	30	29	ND	ND	14

RST 2 Sample ID		P001-DW-2006-1	P001-DW-2006-2	P001-DW-2007-1	P001-DW-2011-1	P001-DW-2016-1	P001-DG-2020-1	P001-DW-2025-1	P001-DW-2034-1	P001-DW-2036-1	P001-DW-2041-1	P001-DW-2042-1
Area		Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date		9/20/2013	9/20/2013	9/20/2013	9/20/2013	9/23/2013	9/24/2013	9/23/2013	9/24/2013	9/23/2013	9/23/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Sludge Waste	Liquid Waste	Liquid Waste *	Liquid Waste	Liquid Waste *	Liquid Waste *
	MDL/Unit											
Corrosivity (as pH)	pH	8.17 J	8.86 J	6.67	6.18	9.48	13.21	7.97	4.27	8.89	7.61	4.58
Flashpoint	°F	172	145	>212.0	>212.0	80	92	90	-	88	-	-
Ignitability	°C	-	-	-	-	-	-	-	YES	-	YES	YES
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.737	ND	ND
Sulfide, Reactive	10 mg/Kg	13	14	13	11	37	38	35	38	37	38	37

RST 2 Sample ID		P001-DW-2046-1	P001-DW-2047-1	P001-DW-2048-1	P001-DW-2050-1	P001-DW-2051-1	P001-DW-2058-1	P001-DW-2059-1	P001-DW-2060-1	P001-DW-2062-1	P001-DW-2063-1	P001-DW-2064-1
Area		Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date		9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste
	MDL/Unit											
Corrosivity (as pH)	pH	4.14	4.53	10.07	6.37	6.82	4.46	11.97	6.19	12.19	6.33	5.53
Flashpoint	°F	82	80	78	79	78	78	92	78	80	78	>212
Ignitability	°C	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	0.279	ND	0.349	ND	0.122	ND	ND
Sulfide, Reactive	10 mg/Kg	120	40	37	40	37	37	120	42	43	40	21

Notes:

* These samples were collected as liquid waste samples, but were determined to be solidified by the laboratory and, therefore, the ignitability test was performed.

J - Indicates the reported value is an estimate.

ND - Indicates the analyte was analyzed for but not detected.

NO - Does not ignite.

YES - Ignites

MDL - Method detection limit.

Table 6
Validated Analytical Data Summary Table - RCRA Characteristics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID		P001-DW-2065-1	P001-DW-2067-1	P001-DW-2069-1	P001-DW-2073-1	P001-DW-2074-1	P001-DW-2076-1	P001-DW-2081-1	P001-DW-2086-1	P001-DG-2087-1	P001-DW-2090-1	P001-DW-2090-2
Area		Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area02
Sampling Date		9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/25/2013	9/23/2013	9/25/2013	9/25/2013	9/27/2013	9/27/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Sludge Waste	Liquid Waste	Liquid Waste
	MDL/Unit											
Corrosivity (as pH)	pH	5.11	4.96	5.31	5.35	3.94	4.91	5.27	5.87	4.59	5.76	5.81
Flashpoint	°F	76	78	185	88	76	76	>212	76	-	74	78
Ignitability	°C	-	-	-	-	-	-	-	-	YES	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	0.068	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	35	34	26	38	42	38	30	40	38	26	27

RST 2 Sample ID		P001-DW-2093-1	P001-DW-2094-1	P001-DW-2100-1	P001-DW-2112-1	P001-DW-2113-1	P001-TW-2115-1	P001-DW-2121-1	P001-DW-4006-1	P001-DW-5001-3	P001-DW-5002-3	P001-DW-5006-3
Area		Area02	Area02	Area02	Area02	Area02	Area02	Area02	Area04	Area05	Area05	Area05
Sampling Date		9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/24/2013	9/24/2013	9/24/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste
	MDL/Unit											
Corrosivity (as pH)	pH	5.72	6.28	6.01	6.64	7.08	7.87	6.16	5.88	6.61	6.17	8.14
Flashpoint	°F	76	76	74	76	76	74	76	78	76	76	108
Ignitability	°C	-	-	-	-	-	-	-	-	-	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.882	1.7	ND
Sulfide, Reactive	10 mg/Kg	29	38	30	32	37	40	38	30	43	37	34

RST 2 Sample ID		P001-DW-5006-4	P001-DW-5009-3	P001-DW-5013-3	P001-DW-5023-3	P001-DW-5024-3	P001-DW-5027-3	P001-DW-5029-3	P001-DW-6006-3	P001-DW-6009-3	P001-DW-6010-3	P001-DW-6011-3
Area		Area05	Area05	Area05	Area05	Area05	Area05	Area05	Area06	Area06	Area06	Area06
Sampling Date		9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/24/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste
	MDL/Unit											
Corrosivity (as pH)	pH	8.16	6.15	1.81	2.66	3.17	3.29	3.62	4	6.51	6.39	4.38
Flashpoint	°F	82	84	78	-	82	78	84	78	78	76	-
Ignitability	°C	-	-	-	NO	-	-	-	-	-	-	NO
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	29	42	38	46	37	42	38	35	40	46	42

RST 2 Sample ID		P001-DW-6017-3	P001-DW-6018-3	P001-DW-6021-3	P001-DW-6024-3	P001-DW-6035-1	P001-TW-6038-1	P001-TW-6038-2	P001-S-2001-1	P001-S-2002-1	P001-S-2003-1	P001-S-3001-1
Area		Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area02	Area02	Area02	Area03
Sampling Date		9/24/2013	9/24/2013	9/24/2013	9/24/2013	9/20/2013	9/27/2013	9/27/2013	9/20/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix		Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Liquid Waste	Soil	Soil	Soil	Soil
	MDL/Unit											
Corrosivity (as pH)	pH	10.22	12.26	13.08	8.07	5.04	7.9 J	8.21 J	5.33	6.47	6.24	4.54 J
Flashpoint	°F	80	80	78	88	>212.0	76	76	-	-	-	-
Ignitability	°C	-	-	-	-	-	-	-	NO	NO	NO	NO
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	37	43	42	38	14	40	38	16	32	40	14

Notes:
* These samples were collected as liquid waste samples, but were determinal to be solidified by the laboratory and, therefore, the ignitability test was performed.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
NO - Does not ignite.
YES - Ignites
MDL - Method detection limit.

Table 6
Validated Analytical Data Summary Table - RCRA Characteristics
Superior Barrel and Drum Site
September 2013

RST 2 Sample ID		P001-S-3001-2	P001-S-3002-1	P001-S-3003-1	P001-S-3004-1	P001-S-3005-1	P001-S-3006-1	P001-S-3007-1	P001-S-3008-1	P001-S-3009-1	P001-S-3010-1	P001-S-3011-1
Area		Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03	Area03
Sampling Date		9/20/2013	9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013	9/27/2013
Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	MDL/Unit											
Corrosivity (as pH)	pH	5.42 J	6.23	5.66	6.19	6.42	6.51	6.73	6.4	6.53	5.36	4.77
Flashpoint	°F	-	-	-	-	-	-	-	-	-	NO	NO
Ignitability	°C	NO	NO	NO	NO	NO	NO	NO	NO	NO	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	13	13	11	38	38	40	38	34	41	42	46

RST 2 Sample ID		P001-S-3012-1	P001-S-3013-1	P001-S-4001-1	P001-S-4002-1	P001-S-4003-1	P001-S-5001-1	P001-S-5002-1	P001-S-5003-1	P001-S-5004-1	P001-S-5005-1	P001-S-6001-1
Area		Area03	Area03	Area04	Area04	Area04	Area05	Area05	Area05	Area05	Area05	Area06
Sampling Date		9/27/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/20/2013
Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	MDL/Unit											
Corrosivity (as pH)	pH	6.28	6.21	6.96	7.94	7.03	7.62	7.26	7.13	7.25	6.24	5.71
Flashpoint	°F	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	-
Ignitability	°C	-	-	-	-	-	-	-	-	-	-	NO
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	48	46	29	27	40	45	41	38	43	46	14

RST 2 Sample ID		P001-S-6002-1	P001-S-6003-1	P001-S-6004-1	P001-S-6005-1	P001-S-6005-2	P001-S-6006-1	P001-S-6007-1	P001-S-6008-1	P001-S-7001-1	P001-S-7002-1	P001-S-7003-1
Area		Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area06	Area07	Area07	Area07
Sampling Date		9/20/2013	9/20/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	MDL/Unit											
Corrosivity (as pH)	pH	5.55	12.96	7.58	6.97 J	6.85 J	7.45	6.88	5.71	8.07	7.22	7.17
Flashpoint	°F	-	-	NO	NO	NO	NO	NO	NO	NO	NO	NO
Ignitability	°C	NO	NO	-	-	-	-	-	-	-	-	-
Cyanide, Reactive	0.050 mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide, Reactive	10 mg/Kg	16	13	45	43 J	62 J	61	62	30	24	18	13

Notes:
* These samples were collected as liquid waste samples, but were determined to be solidified by the laboratory and, therefore, the ignitability test was performed.
J - Indicates the reported value is an estimate.
ND - Indicates the analyte was analyzed for but not detected.
NO - Does not ignite.
YES - Ignites
MDL - Method detection limit.

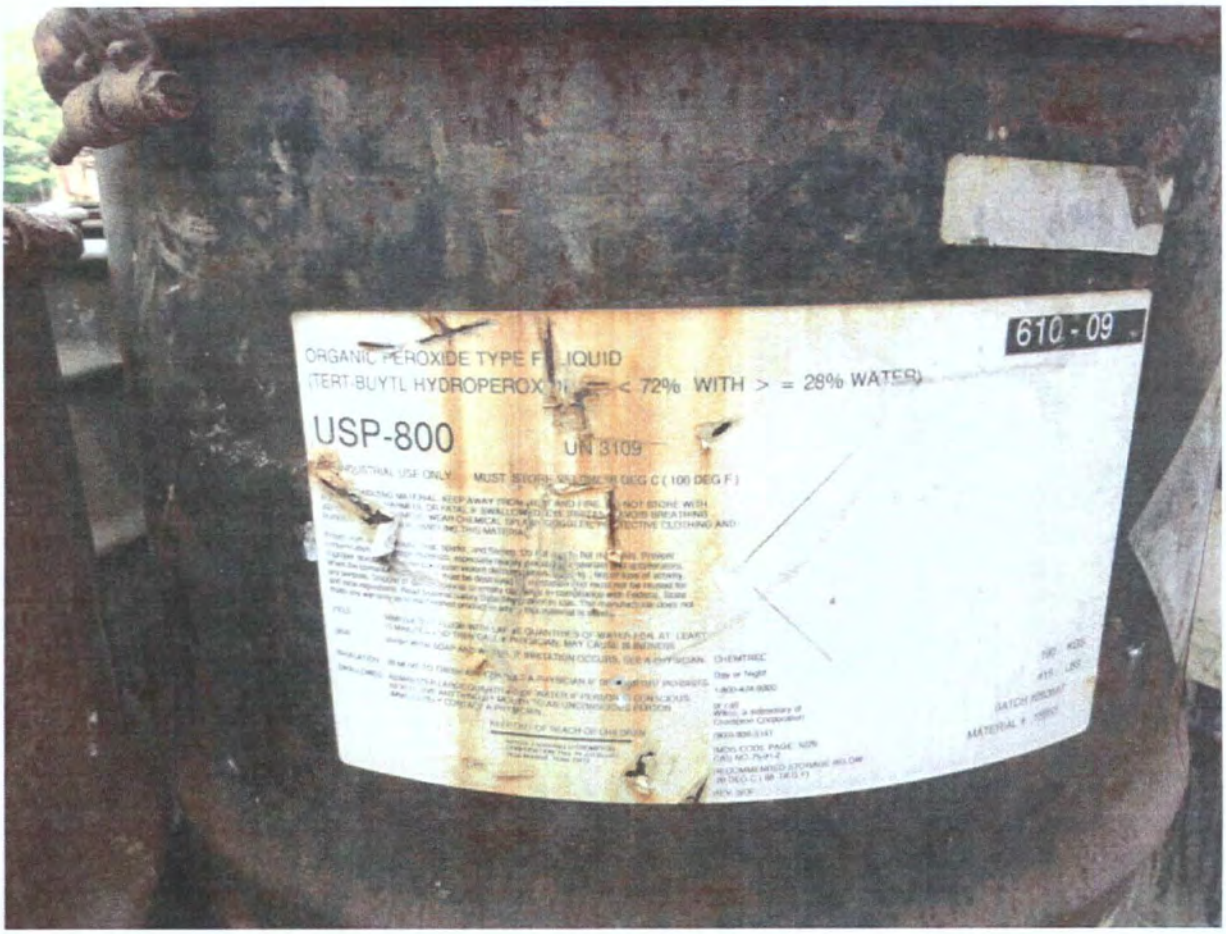
ATTACHMENT C

Site Layout and Area Designation Map


DRAFT
N
W
E
S
SCALE
1:480
LEGEND
Surface Water Sample
Surface Soil Sample
Air Monitoring Station
Construction Fencing
Engineering Control (Berm)
Trailers
Site Areas
Wetland Type
Freshwater Pond
Contaminant Reduction Zone
Support Zone
Area 01
Area 02
Area 03
Area 04
Area 05
Area 06
AS01
AS02
AS03
AS04
AS05
AS06
T-05
T-06
T-07
T-10
T-11
Feet
Figure 1: Site Layout and Area Designations
SUPERIOR BARREL AND DRUM
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM 2
WESTON SOLUTIONS

ATTACHMENT D

Site Photographs


610 - 09
ORGANIC PEROXIDE TYPE F LIQUID
(TERT-BUYTL HYDROPEROX
< 72% WITH > = 28% WATER)
USP-800
UN 3109