SITE CHARACTERIZATION REPORT

FORMER NEY SMELTING AND REFINING COMPANY SITE
BLOCK 2506, LOTS 19, 23, 27, 30, 36, AND 139
BROOKLYN, NEW YORK 11222

Site No. 224144
Work Assignment No. D007620-4

Submitted to:
New York State Department of Environmental Conservation
Division of Environmental Remediation
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1.0 INTRODUCTION

In accordance with the New York State Department of Environmental Conservation (NYSDEC or the "Department") Division of Environmental Remediation (DER) Work Assignment (WA) No. D007620-4 Notice to Proceed dated May 23, 2012 and the NYSDEC approved Scope of Work dated August 7, 2012, TRC Engineers, Inc. (TRC) has completed a Site Characterization (SC) for the Former Ney Smelting and Refining Company Site, Block 2506, Lots 19, 23, 27, 30, 36, and 139, Brooklyn, New York (collectively referred to as the "Site"). The SC was also completed in accordance with NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation.

The Site has been assigned NYSDEC Site No. 224144. The Site location is shown on *Figure 1*, and *Figure 2* shows the Site features and current uses. The legal descriptions for the Site parcels, associated addresses and current operations are summarized below.

Site Legal Descriptions, Addresses, and Current Operations			
Block	**Lot**	**Address**	**Current Operations**
2506	19	257 Freeman Street	Exposed soil yard used for vacuum truck and gunite raw material storage
	139		Small material storage building associated with gunite and vacuum truck company accessible from the Lot 19 yard
	23	238 Eagle Street	Paint and varnish supply company (no yard or parking area)
	27	242 Eagle Street	Heating, ventilation, and air conditioning (HVAC) duct manufacturer with an asphalt parking lot on a portion of Lot 27
	30	269 Freeman Street	
	36	263 Freeman Street	

According to Historic Sanborn Fire Insurance Maps, Reliable Machine Company or Reliable Machine Works occupied the six parcels that comprise the Site from approximately 1942 to 1982 and their operation included several paint spraying locations. Ney Smelting and Refining Company operated at the same six parcels from approximately 1982 through 2003 and performed lead, tin, and zinc smelting. The SC was performed to further investigate known and potential contamination caused by the historic operations at the Site for the purposes of assisting the Department in determining whether the Site poses a significant threat to public health and the environment, warranting a Remedial Investigation.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Location and Setting

The Site encompasses approximately one acre and is improved with five adjoining one-story buildings and an asphalt-paved parking lot in the northeast portion of the Site. The northwest portion of the Site is an open yard. Based on the appearance of the exteriors and review of historical Sanborn maps, the buildings occupied by the paint and varnish supply company on Lot 23 and the vacuum truck and gunite company on Lot 139 have remained relatively unchanged since the property was occupied by industrial companies (approximately 1942 to 2003). The buildings on Lot 27, Lot 30, and Lot 36 appear to have been improved (new building façades, modern office interiors, etc.) by the HVAC duct manufacturer that currently occupies those parcels. There is a partial basement containing a sump/floor drain associated with the former smelting operations in the building occupied by the HVAC duct manufacturer, located on a portion of Lot 27.

The Site is located along the western side of Provost Street between Freeman Street and Eagle Street in Brooklyn, New York. The Site is surrounded by Eagle Street, Newton Creek, several light industrial/commercial businesses, and auto repair shops to the north; Provost Street and a wastewater treatment plant to the east; Freeman Street, several light industrial/commercial businesses, and auto repair shops to the south; and several light industrial/commercial businesses and McGuinness Boulevard to the west. A Site Location Map is presented in *Figure 1*. The Site boundaries and uses are shown in *Figure 2*.

2.2 Current Site Uses

The current Site uses consist of: a paint and varnish supply company, HVAC duct manufacturer with an asphalt parking lot, and a vacuum truck and gunite installation company with an exposed soil yard used for gunite raw material storage, roll-off container storage, and for parking vacuum trucks.

According to the New York City Department of City Planning Zoning Map 13a, the Site is located in Zone M3-1 (refer to Appendix A). M3 districts (i.e., M3-1 and M3-2) are for heavy industries that generate noise, traffic, or pollutants. Typical uses include power plants, solid waste transfer facilities, recycling plants, and fuel supply depots. M3 districts are usually located near the waterfront and buffered from residential areas.

2.3 Historic Site Uses

According to historic Sanborn Fire Insurance Maps, portions of the Site were developed circa 1887 with a barrel storage facility and a carpet cleaning business. In the early 1900s, the Site was used as a cooperage for wooden barrel and cask production. From approximately 1942 to 1982, the Site was occupied by Reliable Machine Company which operated a machine shop and numerous paint spraying locations on the property. According to interviews conducted as part of a 2005 Phase I Environmental Site Assessment

(refer to Appendix A), Ney Smelting and Refining Company acquired the property in 1982 and utilized the Site for lead, tin, and zinc smelting operations from 1982 until 2003.

2.4 Site Geology and Hydrogeology

The geology of Kings County consists of unconsolidated glacial deposits overlying crystalline bedrock. Based on available literature (Buxton, Soren, Posner, and Shernoff, 1981), the subsurface geology for the Site likely includes the following formations: Pleistocene upper glacial deposits, Gardiners Clay, Jameco Gravel, Cretaceous Raritan Formation consisting of sands and clays, and crystalline bedrock. The depth to crystalline bedrock for the area is estimated to be approximately 80 feet below the ground surface. Soil encountered during soil boring advancement consisted primarily of fill composed of brown and gray sand, silt and clay with gravel, concrete, red brick, ash, and peat.

According to the Water Table Altitude in Kings and Queens Counties, New York in March 1997, United States Geological Survey Fact Sheet FS 134-97 (dated November 1997), the estimated groundwater flow direction is northeasterly in the area of Brooklyn where the Site is located. Based on information gathered during the SC, the depth to groundwater at the Site ranges from approximately 7.1 feet to 11.9 feet below the ground surface (bgs)[1] and the inferred groundwater flow direction, based on measured groundwater elevations, is in a east-southeasterly direction (refer to Figure 4).

[1] In this report, depth "below ground surface (bgs)" refers to the depth below the surface cover material at the location of the measurement (i.e., ground surface, asphalt parking lot surface, top of building slab, etc.)

3.0 PREVIOUS INVESTIGATIONS

The Department's Site Briefing Report provided in the work assignment package indicated that based on prior environmental investigations completed at the Site, the primary contaminants of concern for the Site include cadmium, lead, and zinc. The Department's research of the United Stated Environmental Protection Agency (USEPA) EnviroFacts database documented the on-Site use and off-Site disposal of cadmium, lead, zinc, and antimony. Presented below are brief summaries of the results of the prior investigations performed in connection with the Site. The prior reports are provided in *Appendix A*.

3.1 Phase I Environmental Site Assessment (ESA)

A Phase I ESA report dated January 3, 2005 was prepared by RTP Environmental Associates, Inc. (RTP) for the former owner of the Site, Ney Smelting and Refining Company, Inc. The following recognized environmental conditions (RECs) were identified by RTP:

- Based on a review of historic Sanborn Fire Insurance Maps, the Site was formerly used for paint spraying operations.
- A 550-gallon underground storage tank (UST) was located under the floor of the 269 Freeman Street building. Reportedly, the 550-gallon UST contained fuel oil.
- Oil staining over cracked concrete was identified in the 257 Freeman Street and 263 Freeman Street buildings.
- A severely corroded sump with associated oil staining was identified in the basement of the 242 Eagle Street building.
- Oil stained sand over concrete and oil stained soil were identified in the exposed soil yard in the northwest portion of the Site. A "suspicious" dumpster, possibly used to deposit hazardous materials, was also identified in the exposed soil yard in the northwest portion of the Site.
- Five (5) monitoring wells were identified on-site and in the adjacent sidewalks.

The Phase I ESA did not identify the former smelting operations as a REC. However, RTP recommended a Phase II Environmental Site Assessment to evaluate whether the identified RECs impacted the subsurface conditions at the Site.

3.2 Phase II ESA

In 2005 RTP performed a Phase II ESA for Ney Smelting and Refining Company, Inc. The scope and results of the Phase II ESA are presented in a report prepared by RTP dated April 28, 2005. The Phase II ESA included field activities within the five Site buildings, the asphalt-paved parking lot in the northeast portion of the Site, and the exposed soil yard in the northwest portion of the Site.

The following field activities were completed as part of the Phase II ESA:

- Advancement and sampling of ten soil borings;
- Analysis of ten soil samples for volatile organic compounds (VOCs) + 10, semi-VOCs (SVOCs) + 15, total petroleum hydrocarbons (TPH), and priority pollutant (PP) metals; and,
- Collection of groundwater samples from two temporary monitoring well points and analysis of the samples for VOCs + 10, SVOCs + 15, PP metals, cyanide, polychlorinated biphenyls (PCBs), and pesticides.

SVOCs and metals were detected in soil at concentrations above the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOs), applicable at the time the investigation was completed, 6 NYCRR 375 Soil Cleanup Objectives (SCOs) for Protection of Groundwater and 6 NYCRR 375 Restricted Industrial Use SCOs (for the protection of public health). RTP attributed the elevated SVOC and metals concentrations to the characteristics of the historic fill materials identified on-Site. VOCs were not detected in soil at concentrations above the RSCOs, Protection of Groundwater SCOs and Industrial Use SCOs.

Metals and the VOC tetrachloroethene were detected in groundwater at concentrations above the Class GA Groundwater Standards and Guidance Values (Class GA Values). SVOCs, cyanide, PCBs and pesticides were not detected in groundwater at concentrations above Glass GA Values.

3.3 2005 Tank Removal and Groundwater Sampling Event

As stated above, in the Phase I ESA report prepared by RTP, a 550-gallon UST under the floor of the 269 Freeman Street building was identified as a REC (refer to Figure 2 for approximate UST location). Removal of the UST and associated groundwater sampling are documented in the RTP Tank Removal and Groundwater Sampling Event Letter Report prepared for Mr. Ron Mayer of Belmont Metals, dated September 28, 2005. The following field activities were completed as part of the tank removal and groundwater sampling event:

- Prior to removal of the UST from the ground, approximately 525 gallons of liquid were removed from the UST. The UST was removed from the ground, cut open, and cleaned prior to off-site disposal. Four holes were identified in the eastern end of the tank, but there was no evidence of a petroleum release in the tank excavation according to the RTP Report.
- Five post-excavation soil samples (four sidewall samples and one center/bottom sample) were collected by RTP from the tank excavation for laboratory analyses. The center/bottom and west sidewall post-excavation samples were analyzed for VOCs + 10, SVOCs + 15, toxicity characteristic leaching procedure (TCLP) VOCs and TCLP SVOCs. The north, south, and east sidewall post-excavation samples were analyzed for VOCs and SVOCs only.
- A previously installed on-Site permanent monitoring was sampled in April, May, and July of 2005 by RTP. Details regarding construction of the monitoring well are not provided in the

September 28, 2005 Tank Removal and Groundwater Sampling Letter Report prepared by RTP. However, this on-Site monitoring well may be the existing monitoring well that TRC labeled "NS-MW-10" on Lot 23 (refer to *Figure 3*). The groundwater sample collected during the April 2005 sampling event was analyzed for VOCs + 10 and PP metals. The groundwater samples collected during the May and July 2005 groundwater sampling events were analyzed for PP metals only.

Following removal of the UST, SVOCs were detected in the post-excavation soil samples above the RSCOs and/or Protection of Groundwater SCOs. RTP attributed the SVOC exceedances to historic fill material identified on-Site since there was no evidence of a petroleum release, according to RTP. VOCs were not detected in soil at concentrations above the RSCOs or Protection of Groundwater SCOs.

Lead was detected in groundwater samples at concentrations above the Class GA Value. VOCs and other PP metals were not detected in groundwater at concentrations above the Class GA Values.

3.4 2006 Groundwater Sampling Event

P.W. Grosser Consulting, Inc. (Grosser) was retained by Mr. Doug Rice of the New York City Industrial Development Agency to perform groundwater sampling at the Site in 2006. The objective of the investigation was to "more accurately characterize groundwater quality beneath the site, specifically for the presence of inorganics." The results of the sampling performed by Grosser are presented in a report dated April 19, 2006. The following field activities were completed as part of the groundwater sampling event:

- Installation of four temporary monitoring well points in the 269 Freeman Street portion of the Site and one temporary monitoring well point in the 242 Eagle Street portion of the Site; and,
- Collection of groundwater samples from the temporary monitoring well points and analysis of the samples (both filtered and unfiltered) for Target Analyte List (TAL) metals.

With the exception of manganese, magnesium and sodium (naturally occurring metals), the results of analysis of the filtered groundwater showed no exceedances of Class GA Values for metals.

4.0 SITE CHARACTERIZATION

The Site Characterization (SC) field activities were performed in September 2012 in general accordance with the approved Scope of Work dated August 7, 2012, and included adherence to a Health and Safety Plan and a Quality Assurance Project Plan (QAPP) for sample collection and analysis, and validation of laboratory data. The SC field activities consisted of:

- A geophysical survey to verify that the proposed soil boring locations were clear of subsurface utilities and structures. In addition, the basement of the office building at 242 Eagle Street was surveyed to determine the discharge point of an existing sump pit reportedly used during previous smelting operations;
- Collection of twelve "grab" surface soil samples (designated NS-SS-1 through NS-SS-12) in the exposed soil yard in the northwest portion of the Site. The twelve "grab" surface soil samples were submitted for laboratory analysis;
- Advancement of seven (7) soil borings (designated NS-SB/MW-1 through NS-SB/MW-7), continuous soil sampling to a depth of approximately 20 feet bgs, and selection of two (2) soil samples from each soil boring for laboratory analysis. Fourteen (14) soil samples were submitted for laboratory analysis;
- Installation of six (6) two-inch diameter permanent groundwater monitoring wells, designated NS-SB/MW-1 through NS-SB/MW-3 and NS-SB/MW-5 through NS-SB/MW-7, and a one-inch diameter permanent groundwater monitoring well designated NS-SB/MW-4, and the collection of one groundwater sample from each monitoring well for laboratory analysis;
- Collection and analysis of groundwater samples from five existing permanent monitoring wells (designated DEP-MW-8, DEP-MW-9, NS-MW-10, DEP-MW-11, and DEP-MW-12); and
- Survey of physical features, property boundaries, and known utilities on the Site. Additionally, the locations and elevations (ground surface and top of well casing) of the existing and new monitoring wells as well as the coordinates of surface soil samples (marked in the field) were surveyed.

A Site Plan showing the sampling locations is provided as *Figure 3*. The scope of the field activities and methods are described further below.

4.1 Surface/Subsurface Soil Investigation

4.1.1 Geophysical Survey

A geophysical survey was performed on September 10, 2012 by Utility Survey Corp of Washingtonville, New York, under subcontract to TRC, to verify that the proposed soil boring/permanent groundwater monitoring well locations were clear of subsurface structures and utilities. In addition, the basement of

the office building at 242 Eagle Street was surveyed to determine the discharge point of an existing sump pit reportedly used during previous smelting operations.

The geophysical survey equipment consisted of a comprehensive subsurface utility pipe and cable locator, a ditch-witch multi-frequency electromagnetic detector, 500 kHz ground-penetrating radar (GPR) unit, and a concrete imaging GPR with 350 to 750 MHz antenna unit. The area in and around each soil boring location and the existing sump pit shown on *Figure 3* were surveyed.

4.1.2 Surface Soil Sampling

Surface soil sampling was conducted on September 19, 2012 to characterize surface soil in the exposed yard in the northwest portion of the Site (Lot 19). The surface soil samples were collected at depths ranging from 0 to 0.25 feet bgs using dedicated, disposable plastic trowels. The surface soil sample locations were biased toward the east side of the yard due to the location of a brick chimney (exhaust stack) believed to be associated with the former smelting operations. The chimney, on the western roof of the paint and varnish supply store (Lot 23), represents a potential former point source for metals contamination resulting from smelting exhaust particulate deposition on exposed surface soils. The surface soil samples were also biased toward the southeastern portion of the yard due to evidence of surface soil staining, observed during a June 2012 inspection, which appeared to be engine coolant.

Grab surface soil samples were collected from twelve locations (NS-SS-1 through NS-SS-12) in the exposed soil yard (refer to *Figure 3*). During sample collection, the surface soil samples were visually examined for evidence of contamination and screened for the presence of VOCs with a photoionization detector (PID). Indications of contamination were not observed in any of the surface soil samples collected.

The twelve surface soil samples were analyzed for Target Analyte List (TAL) metals by USEPA Method 6010, mercury by Method 7470, cyanide by Method 9010, Target Compound List (TCL) VOCs +10 by Method 8260, TCL semi-volatile organic compounds (SVOCs) +20 by Method 8270, and polychlorinated biphenyls (PCBs) by Method 8082. In addition two (2) surface soil samples (NS-SS-6 and NS-SS-11) were analyzed by the Toxicity Characteristic Leaching Procedure (TCLP).

All surface soil samples were collected and containerized in accordance with NYSDEC/USEPA protocols, in laboratory supplied containers, labeled, sealed, and placed in a chilled cooler for shipment to TestAmerica Buffalo (TestAmerica) of Amherst, New York, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory. Standard chain-of-custody procedures were followed.

4.1.3 Soil Borings/Sampling

Subsurface soil sampling was conducted on September 11, 12, and 13, 2012 to characterize soil throughout the Site. Seven (7) soil borings (NS-SB/MW-1 through NS-SB/MW-7, refer to *Figure 3*)

were completed and fourteen (14) soil samples, two from each boring, were submitted for laboratory analysis.

Zebra Environmental Corp. (ZEBRA) was retained as a subcontractor by TRC for drilling services. Direct push drilling methods, utilizing mobile direct drive equipment, were used to retrieve soil samples. Soil samples were collected continuously from the ground surface to the termination depth of each boring and each sample was visually examined and screened for the presence of VOCs with a PID. Geologic descriptions of the soil samples collected and field screening results were recorded in a field logbook. The soil boring logs are presented in *Appendix B*.

The completion depth of each boring, depths at which groundwater was encountered, depths of samples selected for laboratory analysis, PID responses recorded during screening of soil recovered from each soil boring, and the laboratory analyses performed on the soil samples are summarized in the table below.

Summary of Total Boring Depths, Depths to Groundwater, Depths of Soil Samples Selected for Analysis, PID Screening Results, and Soil Sample Analytical Plan

Soil Boring Identification Number	Boring Completion Depth (feet bgs)	Depth of Saturated Soil Encountered During Sampling (feet bgs)	Depth of Sample Interval Selected for Analysis (feet bgs)	PID Reading (ppm)	TAL Metals and Cyanide	TCL VOCs +10	TCL SVOCs +20	PCBs	TCLP
NS-SB/MW-1	20	10.90	1 – 3	3.2	X	X	X	X	
			10 – 11.5	0.0	X	X	X	X	
NS-SB/MW-2	20	10.96	1 – 3	1.5	X	X	X	X	
			10 – 11	0.0	X	X	X	X	
NS-SB/MW-3	20	11.10	1 – 3	2.0	X	X	X	X	
			10 – 11	0.0	X	X	X	X	
NS-SB/MW-4	20	11.95	0.5 – 2.5	5.0	X	X	X	X	
			10 – 11.5	0.0	X	X	X	X	X
NS-SB/MW-5	20	11.30	1 – 3	6.9	X	X	X	X	
			7.5 – 9.5	0.0	X	X	X	X	
NS-SB/MW-6	20	7.46	0.5 – 2.5	4.3	X	X	X	X	
			10 – 11	0.0	X	X	X	X	
NS-SB/MW-7	20	7.12	1 – 3	2.5	X	X	X	X	X
			8 – 10	0.0	X	X	X	X	X

bgs – Below ground surface
PCBs – Polychlorinated Biphenyls
ppm – Parts per million
SVOCs – Semivolatile Organic Compounds
TAL – Target Analyte List
TCL – Target Compound List
TCLP – Toxicity Characteristic Leaching Procedure
VOCs – Volatile Organic Compounds
X – Sample analysis performed

Indications of contamination were not observed in any of the soil samples collected. Additionally, historic fill material was encountered in each of the seven borings. Therefore, in accordance with the scope of work, one sample of the fill material and one sample at or near the groundwater interface were selected for laboratory analysis. As indicated in the table above, the 14 soil samples selected for

laboratory analysis were analyzed for TAL metals and cyanide, TCL VOCs +10, TCL SVOCs +20, and PCBs. In addition three (3) soil samples were also analyzed by the TCLP.

The soil samples were collected in accordance with NYSDEC/USEPA protocols, containerized in laboratory supplied jars, labeled, sealed, and placed in chilled coolers for shipment to TestAmerica of Amherst, New York, a NYSDOH ELAP certified laboratory. Standard chain-of-custody procedures were followed.

4.2 Groundwater Investigation

4.2.1 Permanent Monitoring Well Installation

After soil sampling was completed, soil borings NS-SB/MW-1 through NS-SB/MW-7 were converted into permanent monitoring wells. As described above, direct push drilling methods, utilizing mobile direct drive equipment, were used to advance boreholes for monitoring well installation. The seven wells were installed in the approximate locations proposed in the August 7, 2012 Site Characterization Scope of Work, with the exception of NS-SB/MW-4, which could not be installed in the Lot 27 office basement due to the thickness of the building floor slab (greater than 12 inches). Instead, monitoring well NS-SB/MW-4 was installed in the Lot 27 parking lot, downgradient and as close to the basement sump as possible.

Six (6) of the seven (7) permanent monitoring wells were each constructed with 2-inch diameter polyvinyl chloride (PVC) casing and 10-slot (0.010-inch) PVC pre-packed well screen. Monitoring well NS-SB/MW-4 was constructed with 1-inch diameter PVC casing and 10-slot (0.010-inch) PVC pre-packed well screen. To install the seven (7) monitoring wells, 3.75-inch outside diameter (O.D.) rods were driven to a depth of approximately 15 to 18 feet bgs. Each well assembly, consisting of 10 feet of pre-packed screen and solid PVC riser (of varying length depending on the depth to groundwater) threaded together were lowered into the probe rods so that the screen section spanned the groundwater surface. After each well assembly was lowered to the bottom of the probe rod string, the probe rods were retracted to a point above the screen. A sand barrier was then installed through the rod annulus directly above the well screen to prevent grout from entering the screen. With the barrier in place, a two-foot hydrated bentonite seal was placed above the sand pack and the remaining annular space was filled with a bentonite/cement (Type II) grout. Each well was completed with a cover mounted flush with the building floor slab or grade. Permanent monitoring well construction logs are presented in *Appendix D.*

After installation, the permanent monitoring wells were developed using a peristaltic pump and dedicated tubing until the water was reasonably free of turbidity. Conductivity, pH, temperature, and dissolved oxygen were also monitored using a Horiba™ water quality meter during development. Development water was containerized in a 55-gallon drum for off-site disposal. Groundwater was measured using an oil/water interface probe at depths of approximately 7.11 to 11.95 feet bgs. Light non-aqueous phase

liquid (LNAPL) and evidence of contamination (sheens, odors, etc.) were not observed in the permanent monitoring wells. *Figure 3* shows the locations of the permanent monitoring wells.

4.2.2 Groundwater Sampling

Groundwater samples were collected from the seven (7) new permanent monitoring wells NS-SB/MW-1, NS-SB/MW-2, NS-SB/MW-3, NS-SB/MW-4, NS-SB/MW-5, NS-SB/MW-6, and NS-SB/MW-7, and from five (5) pre-existing permanent monitoring wells designated DEP-MW-8, DEP-MW-9, NS-MW-10, DEP-MW-11, and DEP-MW-12 between September 20 and 24, 2012. Monitoring well NS-MW-10 is located in the interior of the paint and varnish store (Lot 23) and was likely installed during property acquisition environmental due diligence activities conducted in 2004 and 2005 (as mentioned above in Section 3.3). The four (4) "DEP" monitoring wells were installed by the New York City Department of Environmental Protection (NYCDEP) to monitor changes in groundwater elevations caused by dewatering operations associated with the construction of the Newtown Creek Wastewater Treatment Plant located immediately east of the Site. Two of the "DEP" monitoring wells are screened at the groundwater interface (DEP-MW-9 and DEP-MW-12) and two are screened deeper (DEP-MW-8 and DEP-MW-11). The Department obtained approval from the NYCDEP to sample the four wells as part of the Site Characterization activities. The construction logs for the four wells installed by the DEP are included in *Appendix D*[2]. TRC was unable to obtain a well construction log for monitoring well NS-MW-10.

Prior to purging, a PID was used to record concentrations of organic vapors in each well head space. The twelve (12) monitoring wells were purged utilizing a peristaltic pump and dedicated Teflon tubing connected to a flow-through cell for monitoring water quality parameters. The flow-through cell was decontaminated prior to sampling each well utilizing a solution of deionized water and Alconox. Low purging rates were used to minimize suspension of particulate matter in the well. Field parameters, including temperature, conductivity, pH, oxidation-reduction potential (ORP), turbidity and dissolved oxygen (DO) were recorded prior to and during sampling. Groundwater samples were collected after field parameters stabilized for three consecutive readings within established ranges. Groundwater sampling logs are presented in *Appendix E.* A summary of the depth of each well, approximate screen interval depths, maximum PID readings recorded during sampling, and laboratory analyses performed on the groundwater samples are presented in the table below.

[2] Monitoring wells DEP-MW-8, DEP-MW-9, DEP-MW-11, and DEP-MW-12 are identified as monitoring wells NCM-18I, NCM-18S, NCM-19I, and NCM-19S, respectively, in the monitoring well construction logs.

Summary of Depths of Monitoring Wells, Monitoring Well Screened Interval Depths, Maximum PID Screening Results, and Groundwater Sample Analytical Plan							
Monitoring Well Identification Number	**Total Depth of Well (feet bgs)**	**Approximate Depth of Screened Interval (feet bgs)**	**Maximum PID Reading during Sampling (ppm)**	**TAL Metals and Cyanide**	**TCL VOCs**	**TCL SVOCs**	**PCBs**
NS-SB/MW-1	17.48	7.48 – 17.48	3.2	X	X	X	X
NS-SB/MW-2	17.26	7.26 – 17.26	8.2	X	X	X	X
NS-SB/MW-3	17.35	7.35 – 17.35	2.5	X	X	X	X
NS-SB/MW-4	17.61	7.61 – 17.61	0.0	X	X	X	X
NS-SB/MW-5	17.37	7.37 – 17.37	0.0	X	X	X	X
NS-SB/MW-6	15.77	5.77 – 15.77	0.0	X	X	X	X
NS-SB/MW-7	16.23	6.23 – 16.23	0.0	X	X	X	X
DEP-MW-8	25.32	20.32 – 25.32	0.0	X	X	X	X
DEP-MW-9	12.12	7.12 – 12.12	0.0	X	X	X	X
NS-MW-10	18.27	Unknown	1.1	X	X	X	X
DEP-MW-11	31.10	26.10 – 31.10	0.0	X	X	X	X
DEP-MW-12	13.89	8.89 – 13.89	0.0	X	X	X	X

Bgs: Below ground surface
PCBs: Polychlorinated Biphenyls
ppm: Parts per million
SVOCs: Semivolatile Organic Compounds
TAL: Target Analyte List
TCL: Target Compound List
VOCs: Volatile Organic Compounds
X: Sample analysis performed

As indicated above, the 12 groundwater samples were analyzed for TAL metals and cyanide, TCL VOCs, TCL SVOCs, and PCBs. The samples were containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, sealed and placed in a chilled cooler for shipment to TestAmerica of Amherst, New York, a NYSDOH ELAP certified laboratory. Standard chain-of-custody procedures were followed.

4.3 Sample Location Survey

In November 2012, YEC Inc. (YEC) of Valley Cottage, New York, a New York State licensed surveyor, performed a survey of Site physical features, property boundaries, and known utilities. Additionally, the survey included the locations and elevations (ground or floor slab surface and top of PVC well casing) of the existing and new monitoring wells as well as the coordinates of surface soil sample locations (marked in the field). The survey map prepared by YEC is presented in *Appendix F.*

Presented in the table below are the elevations of the groundwater monitoring well casings and adjacent floors or ground surfaces, depths to water, and the calculated groundwater surface elevations, based on measurements collected in September 2012.

Summary of Monitoring Well Top of Casing and Adjacent Surface Elevations, Depth to Water Measurements, and Groundwater Surface Elevations					
Monitoring Well Identification Number	**Top of Slab or Ground Surface Elevation (feet)**	**Top of Casing Elevation (feet)**	**Depth to Water**		**Groundwater Surface Elevation (feet)**
			(feet below slab or surface)	**(feet below top of casing)**	
NS-SB/MW-1	12.88	12.44	11.28	10.84	1.60
NS-SB/MW-2	12.83	12.39	11.39	10.95	1.44
NS-SB/MW-3	12.92	12.45	11.54	11.07	1.38
NS-SB/MW-4	13.73	13.34	12.34	11.95	1.39
NS-SB/MW-5	13.10	12.67	11.71	11.28	1.39
NS-SB/MW-6	11.02	10.66	7.85	7.49	3.17
NS-SB/MW-7	10.90	10.60	7.41	7.11	3.49
DEP-MW-8	10.68	10.37	9.88	9.57	0.80
DEP-MW-9	10.73	10.49	7.22	6.98	3.51
NS-MW-10	11.78	11.49	9.93	9.64	1.85
DEP-MW-11	12.24	11.94	11.57	11.27	0.67
DEP-MW-12	12.24	12.05	10.86	10.67	1.38

Based on information gathered during the gauging of the monitoring wells, the depth to groundwater at the Site ranges from approximately 7.41 feet bgs in permanent monitoring well NS-SB/MW-7 to 12.34 feet bgs in monitoring well NS-SB/MW-4. Based on relative groundwater surface elevation measurements, the inferred groundwater flow direction at the Site was east-southeasterly at the time of SC field investigation. Groundwater surface elevation measurements and inferred groundwater contours are shown on *Figure 4*.

4.4 Investigation-Derived Waste (IDW)

IDW generated during the investigation included soil generated during drilling activities, and wastewater from well development, well purging, and decontamination of sampling equipment. The IDW was placed in U.S. Department of Transportation (DOT) approved 55-gallon drums and transported by Innovative Recycling Technologies, Inc. of Lindenhurst, New York for disposal off-Site at Vexor Technology, Inc. in Medina, Ohio. The waste disposal manifest is included in *Appendix G*.

4.5 Quality Assurance/Quality Control

Five (5) quality control samples were submitted for laboratory analysis. The quality control samples consisted of three (3) matrix spike and matrix spike duplicates (MS/MSD) and two (2) trip blanks. MS/MSD were collected by alternately filling sample bottles from the source being sampled. MS/MSD were collected at a frequency of one per twenty investigative samples per matrix (soil and groundwater) per analytical parameter. Trip blanks were submitted to the laboratory at a frequency of one per cooler which contained groundwater samples to be analyzed for VOCs.

MS/MSD were submitted to the laboratory and analyzed for TAL metals and cyanide, TCL VOCs +10, TCL SVOCs +20, and PCBs. Trip blanks were submitted to the laboratory and analyzed for TCL VOCs +10 only. The quality control samples were collected and containerized in accordance with

NYSDEC/USEPA protocols. Each container was properly labeled, preserved, sealed and placed in a chilled cooler for shipment to TestAmerica of Amherst, New York, a NYSDOH ELAP-certified analytical laboratory. Standard chain-of-custody procedures were followed.

5.0 DISCUSSION OF RESULTS

This section presents a discussion of the results of the SC. The results of laboratory analyses are summarized in *Tables 1 through 13*. The results of validation of the soil and groundwater laboratory analytical data are summarized in the Data Usability Summary Report (DUSR). The data validation was performed in accordance with NYSDEC requirements, as well as the requirements for development of DUSRs listed in Appendix 2B of DER-10 Technical Guidance for Site Investigations and Remediation. All laboratory results were found to be usable for project objectives. The complete Analytical Services Protocol (ASP) Category B Laboratory Analytical Data Reports and DUSR are included in *Appendix C and H*, respectively.

5.1 Geophysical Survey Findings

There was no evidence of utilities or subsurface structures, which would interfere with the boring locations, identified during the geophysical survey. In the basement of the office building at 242 Eagle Street, the geophysical survey identified a pipe in the existing sump pit which exits the building and continues east towards the asphalt-paved parking lot in the northeast portion of the Site and towards Provost Street. There was no evidence of a dry well associated with the sump pit and it is likely that the sump pit discharge pipe is connected to the public sewer.

5.2 Applicable Regulatory Standards

This subsection identifies the regulatory standards and guidelines used to evaluate the results of the surface soil, subsurface soil and groundwater sampling. The standards and guidelines used to evaluate the data associated with each specific media are described individually below.

5.2.1 Soil Cleanup Objectives (SCOs) and TCLP Regulatory Limits

Soil sampling results were evaluated by comparison to the Restricted Use Soil Cleanup Objectives (SCOs) for the protection of public health at industrial properties (Industrial Use SCOs) and Protection of Groundwater SCOs in Table 375-6.8(b) of 6 NYCRR 375 – Environmental Remediation Programs. The results of the TCLP analyses were compared to the regulatory limits in 6 NYCRR 371.

5.2.2 Groundwater Class GA Values

Groundwater sampling results were evaluated by comparison to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Standards and Guidance Values ("Class GA Values").

5.3 Soil Sampling

Field observations recorded during soil sampling are discussed in Sections 4.1.2 and 4.1.3 above. Summaries of the results of the analyses of the soil samples are presented in *Tables 1 through 9*. The

complete laboratory reports are presented in *Appendix C.* A review of the results of the analyses of the soil samples is presented below.

5.3.1 Metals and Cyanide in Soil

Metals were detected in each of the soil samples (surface and subsurface) analyzed. The results of the analyses of the surface and subsurface soil samples for metals and cyanide are presented in *Tables 1 and 5*, respectively. *Figure 5* shows the soil sampling locations and results of analyses for metals above the comparison criteria. Results of the analyses of soil samples for metals are discussed below.

Surface Soil Samples

Cadmium, chromium, lead, mercury and silver were detected at concentrations above the Industrial Use SCOs and/or the Protection of Groundwater SCOs in the surface soil samples submitted for analysis. The more stringent SCOs for hexavalent chromium were used for screening total chromium results since there are no SCOs for total chromium. A summary of the concentrations of metals detected above SCOs in surface soil samples is presented in the table below. There were no other metals detected at concentrations exceeding the Industrial Use SCOs or the Protection of Groundwater SCOs in the surface soil samples.

Metals Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Surface Soil Samples

Surface Soil Sample Identification Number	**NS-SS-SS-5-(0.25)**	**NS-SS-SS-6-(0.25)**	**NS-SS-SS-7-(0.25)**	**NS-SS-SS-9-(0.25)**	**NS-SS-SS-10-(0.25)**	**Industrial Use SCO**	**Protection of Groundwater SCO**
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Cadmium	**9.3**	0.99	0.75	0.59	0.59	60	7.5
Chromium*	18	**29**	**28**	12	7	800	19
Lead	**540**	220	110	110	47	3,900	450
Mercury	**6.3 J**	**2.4 J**	**2.1 J**	**1.5 J**	**0.77 J**	5.7	0.73
Silver	**49**	3.4	1.8	1.7	0.6	6,800	8.3

Bold: Result exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective
*The more stringent SCOs for hexavalent chromium were used for screening total chromium results.

Cyanide was not detected above the Industrial Use SCO or Protection of Groundwater SCO in the surface soil samples. The complete results of the analyses of surface soil samples for metals and cyanide are presented in *Table 1*.

Subsurface Soil Samples

Arsenic, barium, cadmium, chromium, lead, mercury, nickel, selenium and zinc were detected at concentrations exceeding the Industrial Use SCOs and/or the Protection of Groundwater SCOs in the subsurface soil samples submitted for analysis. The more stringent SCOs for hexavalent chromium were

used for screening total chromium results since there are no SCOs for total chromium. A summary of the concentrations of metals detected above SCOs in subsurface soil samples is presented in the table below. There were no other metals detected at concentrations exceeding the Industrial Use SCOs or the Protection of Groundwater SCOs in the subsurface soil samples.

Metals Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Subsurface Soil Samples

Soil Sample Identification Number	NS-SB/MW-1-SO	NS-SB/MW-1-SO	NS-SB/MW-2-SO	NS-SB/MW-2-SO	NS-SB/MW-3-SO	Industrial Use SCO	Protection of Groundwater SCO
Sample Depth (feet bgs)	1 – 3	10 – 11.5	1 – 3	10 – 11	1 – 3		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	**24**	**28**	16	10	**17**	16	16
Barium	360 J	85 J	**950 J**	130 J	570	10,000	820
Cadmium	4.3	0.25 J	1.5	0.21 J	**9.4**	60	7.5
Chromium*	**21**	**20**	**20**	14	**31J**	800	19
Lead	**1,400**	180	230	**1,900**	**1,600**	3,900	450
Mercury	0.7 J	**1.1 J**	**2 J**	**3.9 J**	**1.1 J**	5.7	0.73
Nickel	19	28	17	15	**330 J**	10,000	130

bgs: below ground surface
Bold: Result exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective
*The more stringent SCOs for hexavalent chromium were used for screening total chromium results.

Metals Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Subsurface Soil Samples

Soil Sample Identification Number	NS-SB/MW-4-SO	NS-SB/MW-5-SO	NS-SB/MW-5-SO	NS-SB/MW-7-SO	NS-SB/MW-7-SO	Industrial Use SCO	Protection of Groundwater SCO
Sample Depth (feet bgs)	0.5 – 2.5	1 – 3	7.5 – 9.5	1 – 3	8 – 10		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	1.5 J	**62**	5	**17**	11	16	16
Barium	65	320 J	72 J	**1,300 J**	250 J	10,000	820
Cadmium	**27**	**110**	**14**	2.7	0.29	60	7.5
Chromium*	5.7 J	**28**	15	18	10	800	19
Lead	39	**3,500**	**490**	370	**13,000**	3,900	450
Mercury	0.041 J	**7.7 J**	0.25 J	0.3 J	**4.2 J**	5.7	0.73
Nickel	10 J	26	20	88	**630**	10,000	130
Selenium	<5.3 U	**7.5**	<5.3 U	1.1 J	**5.7**	6,800	4.0
Zinc	450 J	**6,900**	1,800	1,100	2,300	10,000	2,480

bgs: below ground surface
Bold: Result exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective
U: Compound not detected at method detection limit shown
*The more stringent SCOs for hexavalent chromium were used for screening total chromium results.

Cyanide was not detected above the Industrial Use SCO or Protection of Groundwater SCO in the subsurface soil samples submitted for analysis. The complete results of the analyses of subsurface soil samples for metals and cyanide are presented in *Table 5*.

5.3.2 VOCs in Soil

With the exception of acetone, there were no VOCs detected at concentrations exceeding the Industrial Use SCOs or the Protection of Groundwater SCOs in the surface and subsurface soil samples submitted for analysis. Acetone was detected above the Protection of Groundwater SCO of 0.05 mg/kg in three (3) soil samples: surface soil samples NS-SS-SS-10(0.25) at 0.2 mg/kg and surface soil samples NS-SB/MW-1-SO-(10-11.5) at 0.058 mg/kg, and NS-SB/MW-7-SO-(8-10) at 0.11 mg/kg. The complete results of the analyses of surface and subsurface soil samples for VOCs are presented in *Tables 2 and 6*, respectively.

5.3.3 SVOCs in Soil

SVOCs were detected in each of the soil samples (surface and subsurface) analyzed. The results of the analyses of the surface and subsurface soil samples for SVOCs are presented in *Tables 3 and 7*, respectively. *Figure 6* shows the soil sampling locations and results of analyses for SVOCs above comparison criteria. Results of the analyses of soil samples for SVOCs are discussed below.

Surface Soil Samples

Benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, and chrysene were detected at concentrations above the Industrial Use SCOs and/or the Protection of Groundwater SCOs in the surface soil samples. A summary of the concentrations of SVOCs detected above the SCOs in surface soil samples is presented in the table below. There were no other SVOCs detected at concentrations above the Industrial Use SCOs or Protection of Groundwater SCOs in the surface soil samples submitted for analysis.

SVOCs Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Surface Soil Samples

Surface Soil Sample Identification Number	**NS-SS-SS-6-(0.25)**	**NS-SS-SS-9-(0.25)**	**Industrial Use SCO**	**Protection of Groundwater SCO**
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Benzo(a)anthracene	**1.2**	**1.7 J**	11	1.0
Benzo(a)pyrene	**1.2**	**1.8 J**	1.1	22
Benzo(k)fluoranthene	1.0	**1.9**	110	1.7
Chrysene	**1.6**	**2.1**	110	1.0

Bold: Result exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective

The complete results of the analyses of surface soil samples for SVOCs are presented in *Table 3*.

Subsurface Soil Samples

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene were detected at concentrations above the Industrial Use SCOs and/or the Protection of Groundwater SCOs in the subsurface soil samples submitted for analysis. A summary of the concentrations of SVOCs detected above the SCOs in subsurface soil samples is presented in the table below. There were no other SVOCs detected at concentrations above the Industrial Use SCOs or Protection of Groundwater SCOs in the surface soil samples submitted for analysis.

SVOCs Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Subsurface Soil Samples

Soil Boring Identification Number	**NS-SB/MW-1-SO**	**NS-SB/MW-1-SO**	**NS-SB/MW-2-SO**	**NS-SB/MW-3-SO**	**NS-SB/MW-4-SO**	**NS-SB/MW-4-SO**	**Industrial Use SCO**	**Protection of Groundwater SCO**
Sample Depth (feet bgs)	**1 – 3**	**10 – 11.5**	**1 – 3**	**1 – 3**	**0.5 – 2.5**	**10 – 11.5**		
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Benzo(a)anthracene	**17**	**1.9**	**1.6 J**	**81**	**1.6 J**	**1.5 J**	11	1.0
Benzo(a)pyrene	**17**	**1.8**	**1.5 J**	**78**	**1.5 J**	**1.5 J**	1.1	22
Benzo(b)fluoranthene	**20**	**2.4**	**1.8 J**	**86**	1.7 J	**1.8 J**	11	1.7
Benzo(k)fluoranthene	**10**	0.94	1.2 J	**40**	0.8 J	0.82 J	110	1.7
Chrysene	**17**	**1.8**	**1.5 J**	**80**	**1.5 J**	**1.6 J**	110	1.0
Dibenz(a,h)anthracene	<3.7 U	<0.21 U	<1.9 U	**9.5 J**	0.32 J	0.38 J	1.1	1,000
Indeno(1,2,3-cd)pyrene	6.3	0.51	0.4 J	**28**	0.67 J	0.91 J	11	8.2
Naphthalene	2.6 J	0.19 J	0.25 J	**16 J**	<4.2 U	<3.9 U	1,000	12

bgs: Below ground surface
Bold: Result exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective
U: Compound not detected at method detection limit shown

SVOCs Detected Above Industrial Use SCOs and/or Protection of Groundwater SCOs in Subsurface Soil Samples

Soil Sample Identification Number	**NS-SB/MW-5-SO**	**NS-SB/MW-6-SO**	**NS-SB/MW-6-SO**	**NS-SB/MW-7-SO**	**NS-SB/MW-7-SO**	**Industrial Use SCO**	**Protection of Groundwater SCO**
Sample Depth (feet bgs)	**1 – 3**	**0.5 – 2.5**	**10 – 11**	**1 – 3**	**8 – 10**		
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Benzo(a)anthracene	**31**	**1.6 J**	**7.4**	**1.4**	**15**	11	1.0
Benzo(a)pyrene	**28**	**1.6 J**	**7.1**	**1.3**	**16**	1.1	22
Benzo(b)fluoranthene	**33**	**1.8 J**	**7.7**	1.5	**18**	11	1.7
Benzo(k)fluoranthene	**17**	0.98 J	**4.1**	0.77	**7.8**	110	1.7
Chrysene	**33**	**1.8 J**	**6.8**	**1.4**	**14**	110	1.0

bgs: below ground surface
Bold: Results exceeds Industrial Use SCO and/or Protection of Groundwater SCO.
J: Estimated value
mg/kg: milligrams per kilogram
SCO: Soil Cleanup Objective

The complete results of the analyses of subsurface soil samples for SVOCs are presented in *Table 7*.

5.3.4 Polychlorinated Biphenyls (PCBs) in Soil

PCBs were detected at a concentration of 88 milligrams per kilogram (mg/kg), which exceeds both the Industrial Use SCO of 25 mg/kg and the Protection of Groundwater SCO of 3.2 mg/kg, in surface soil sample NS-SS-6. Soil exhibiting a concentration of PCBs equal to or greater than 50 parts per million (ppm) is a listed hazardous waste as defined in 6 NYCRR Part 371. There were no PCBs detected at concentrations above the Industrial Use SCO or Protection of Groundwater SCO in the other surface soil samples. The results of the analyses of surface soil samples for PCBs are presented in *Table 4*.

There were no PCBs detected at concentrations above the Industrial Use SCOs or Protection of Groundwater SCOs in the subsurface soil samples submitted for analysis. The results of the analyses of subsurface soil samples for PCBs are presented in *Table 8*.

5.3.5 TCLP Results for Soil

Two surface soil samples (NS-SS-SS-6-(0.25) and NS-SS-SS-11-(0.25)) and three subsurface soil samples (NS-SB/MW-4-SO-(10-11.5), NS-SB/MW-7-SO-(1-3), and NS-SB/MW-7-SO-(8-10)) were analyzed by the TCLP. There were no TCLP results above the regulatory limits. The results of the analyses of surface and subsurface soil samples by TCLP are presented in *Table 9*.

5.4 Groundwater Sampling

Field observations recorded during groundwater sampling are discussed in Section 4.2. Summaries of the results of the analyses of the groundwater samples are presented in *Tables 10 through 13*. The complete laboratory analytical data reports are presented in *Appendix C*. *Figure 7* shows the monitoring well locations and results of analyses greater than the Class GA Values. A review of the results of the analyses of the groundwater samples is presented below.

5.4.1 Metals and Cyanide in Groundwater

Metals were detected in all of the groundwater samples analyzed. A summary of the concentrations of metals detected above the Class GA Values in groundwater is presented in the table below. There were no other metals detected at concentrations above the Class GA Values in the groundwater samples. Cyanide was not detected above the Class GA Value in groundwater. The complete results of the analyses of groundwater samples for metals and cyanide are presented in *Table 10*.

Metals and Cyanide Detected Above Class GA Values in Groundwater Samples							
Monitoring Well Identification Number	**NS-SB/MW-1[(1)]**		**NS-SB/MW-2[(1)]**		**NS-SB/MW-3[(1)]**		**Class GA Value (µg/L)**
Units	**µg/L**		**µg/L**		**µg/L**		
Metals	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	
Iron	**8,100**	**2,100**	**3,000**	130	**5,200**	<41 UB	300 (2)
Lead	<5.0 U	<5.0 U	11	<5.0 U	**55**	<5.0 U	25
Manganese	**530**	**540**	**880**	**970**	**880**	**870 J**	300 (2)
Sodium	**75,000**	**74,000**	**110,000**	**110,000**	**110,000**	**110,000 J**	20,000

(1) Identified as NS-MW-WG-1, NS-MW-WG-2, and NS-MW-WG-3, respectively, in Table 10.
(2) The Class GA Value for the sum of iron and manganese is 500 µg/L.
µg/L: Micrograms per Liter
Bold: Result exceeds Class GA Value
J: Estimated value
U: Non-detect
UB: Qualified as non-detect

Metals and Cyanide Detected Above Class GA Values in Groundwater Samples							
Monitoring Well Identification Number	**NS-SB/MW-4[(1)]**		**NS-SB/MW-5[(1)]**		**NS-SB/MW-6[(1)]**		**Class GA Value (µg/L)**
Units	**µg/L**		**µg/L**		**µg/L**		
Metals	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	
Iron	**1,700**	<50 U	**4,100**	130	**17,000**	<22 UB	300 (2)
Lead	<5.0 U	<5.0 U	4.2 J	<5.0 U	**210**	<5.0 U	25
Magnesium	23,000	22,000	20,000	20,000	**44,000**	**39,000**	35,000
Manganese	290	280	**500**	**530**	**630**	290	300 (2)
Mercury	<0.20 U	<0.20 U	<0.20 U	<0.20 U	**1.4**	<20 U	0.7
Sodium	**140,000**	**140,000**	**87,000**	**88,000**	**390,000**	**390,000**	20,000

(1) Identified as NS-MW-WG-4, NS-MW-WG-5, and NS-MW-WG-6, respectively, in Table 10.
(2) The Class GA Value for the sum of iron and manganese is 500 µg/L.
µg/L: Micrograms per Liter
Bold: Result exceeds Class GA Value
J: Estimated value
U: Non-detect
UB: Qualified as non-detect

Metals and Cyanide Detected Above Class GA Values in Groundwater Samples							
Monitoring Well Identification Number	**NS-SB/MW-7(1)**		**DEP-MW-8(1)**		**DEP-MW-9(1)**		**Class GA Value (µg/L)**
Units	**µg/L**		**µg/L**		**µg/L**		
Metals	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	
Iron	**5,400**	<96 UB	**2,300**	<37 UB	**4,100**	<50 U	300 (2)
Lead	**31**	<5.0 U	5.5	<5.0 U	<5.0 U	<5.0 U	25
Magnesium	30,000	**47,000**	10,000	10,000	12,000	12,000	35,000
Manganese	**570**	**380**	**710**	**700**	**410**	**400**	300 (2)
Sodium	**280,000**	**480,000**	**190,000**	**190,000**	**110,000**	**110,000**	20,000

(1) Identified as NS-MW-WG-7, NS-MW-WG-8, and NS-MW-WG-9, respectively, in Table 10.
(2) The Class GA Value for the sum of iron and manganese is 500 µg/L.
µg/L: Micrograms per Liter
Bold: Results exceeds Class GA Value
J: Estimated value
U: Non-detect
UB: Qualified as non-detect

Metals and Cyanide Detected Above Class GA Values in Groundwater Samples							
Monitoring Well Identification Number	**NS-SB/MW-10(1)**		**DEP-MW-11(1)**		**NS-SB/MW-12(1)**		**Class GA Value (µg/L)**
Units	**µg/L**		**µg/L**		**µg/L**		
Metals	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	**Unfiltered**	**Filtered**	
Iron	**18,000**	120	**1,100**	**520**	**1,400**	110	300 (2)
Magnesium	**43,000**	**43,000 J**	1,100	990	16,000	16,000	35,000
Manganese	**740**	**690 J**	35	32	**420**	**420**	300 (2)
Sodium	**270,000**	**260,000 J**	10,000	10,000	**140,000**	**140,000**	20,000

(1) Identified as NS-MW-WG-10, NS-MW-WG-11, and NS-MW-WG-12, respectively, in Table 10.
(2) The Class GA Value for the sum of iron and manganese is 500 µg/L.
µg/L: Micrograms per Liter
Bold: Result exceeds Class GA Value
J: Estimated value

5.4.2 VOCs in Groundwater

Four (4) VOCs, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride, were detected at concentrations above the Class GA Values in the groundwater samples submitted for analysis. A summary of the concentrations of VOCs detected above Class GA Values in groundwater is presented in the table below. There were no other VOCs detected at concentrations above the Class GA Values in the groundwater samples. The complete results of the analyses of groundwater samples for VOCs are presented in *Table 11*.

VOCs Detected Above Class GA Values in Groundwater Samples				
Monitoring Well Identification Number	**NS-SB/MW-1(1)**	**NS-SB/MW-6(1)**	**NS-SB/MW-7(1)**	**Class GA Value**
Units	**µg/L**	**µg/L**	**µg/L**	**µg/L**
cis-1,2-Dichloroethene	**9.3**	<1.0 U	**13**	5.0
Tetrachloroethene (PCE)	2.3	**15**	**110 D**	5.0
Trichloroethene (TCE)	0.49 J	<1.0 U	**29**	5.0
Vinyl Chloride	**33**	<1.0 U	<1.0 U	2.0

(1) Identified as NS-MW-WG-1, NS-MW-WG-6, and NS-MW-WG-7, respectively, in Table 11
µg/L: Micrograms per Liter
Bold: Result exceeds Class GA Value
U: Not detected above the laboratory reporting limit
D: Sample required dilution
J: Estimated Value

5.4.3 SVOCs in Groundwater

Five (5) SVOCs were detected at concentrations above the Class GA Values in the groundwater samples submitted for analysis. A summary of the concentrations of SVOCs detected above Class GA Values is presented in the table below. There were no other SVOCs detected at concentrations above the Class GA Values in the groundwater samples. The complete results of the analyses of groundwater samples for SVOCs are presented in *Table 12*.

SVOCs Detected Above Class GA Values in Groundwater Samples				
Monitoring Well Identification Number	**NS-SB/MW-3(1)**	**NS-SB/MW-7(1)**	**DEP-MW-11(1)**	**Class GA Value**
Units	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	**1.2 J**	**0.86 J**	**0.79 J**	0.002
Benzo(a)pyrene	**1.0 J**	**0.74 J**	**0.88 J**	>ND
Benzo(b)fluoranthene	**1.2 J**	**0.83 J**	**1.2 J**	0.002
Chrysene	**1.1 J**	**0.88 J**	**1.2 J**	0.002
Indeno(1,2,3-cd)pyrene	**0.51 J**	<4.8 U	**0.55 J**	0.002

(1) Identified as NS-MW-WG-3, NS-MW-WG-7, and DEP-MW-WG-11, respectively, in Table 12
µg/L: Micrograms per Liter
Bold: Result exceeds Class GA Value
J: Estimated Value
ND: Not detected above the laboratory reporting limit

5.4.4 PCBs in Groundwater

PCBs were not detected above the Class GA Values in groundwater. The results of the analyses of groundwater samples for PCBs are presented in *Table 13*.

6.0 FINDINGS AND RECOMMENDATIONS

The Site Characterization for the Former Ney Smelting and Refining Company Site was completed in general accordance with Work Assignment No. D007620-4 Notice to Proceed dated May 23, 2012, the Department-approved Scope of Work dated August 7, 2012, and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. The findings and recommendations, based on the results of the Site Characterization, are presented below.

6.1 Findings

The results of the SC indicate the following:

- The geophysical survey did not reveal evidence of buried utilities or structures in the vicinity of the sampling locations. In the basement of the office building at 242 Eagle Street, the geophysical survey identified a pipe in the existing sump pit which exits the building and continues east towards the asphalt-paved parking lot in the northeast portion of the Site and towards Provost Street. There was no evidence of a dry well associated with the sump pit and it is likely that the sump pit discharge pipe is connected to the public sewer.
- There was no physical evidence of contamination observed in any of the soil samples collected. Additionally, no physical evidence of contamination was observed in any of the groundwater samples collected.
- The metals cadmium, chromium (using the SCOs for hexavalent chromium), lead, mercury and silver were detected at concentrations exceeding the Industrial Use Soil Cleanup Objectives (SCOs) and/or the Protection of Groundwater SCOs in surface soil.
- The metals arsenic, barium, cadmium, chromium (using the SCOs for hexavalent chromium), lead, mercury, nickel, selenium and zinc were detected at concentrations exceeding the Industrial Use SCOs and/or the Protection of Groundwater SCOs subsurface soil samples.
- The results of TCLP analyses performed on surface and subsurface soil samples were all below the regulatory limits.
- With the exception of acetone, no VOCs were detected at concentrations exceeding the Industrial Use SCOs or the Protection of Groundwater SCOs in either the surface or subsurface soil samples.
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene were detected at concentrations above the Industrial Use SCOs and/or Protection of Groundwater SCOs in soil samples. Based on the physical characteristic of the soil at the Site, the soil can be classified as

fill material. Therefore, the elevated concentrations of SVOCs detected may be attributable to the characteristics of the fill material historically placed at the Site.

- PCBs were detected at a concentration of 88 milligrams per kilogram (mg/kg), which exceeds both the Industrial Use SCO of 25 mg/kg and the Protection of Groundwater SCO of 3.2 mg/kg, in surface soil sample NS-SS-6, collected near the western boundary of the exposed soil yard in the northwestern part of the Site. Soil exhibiting a concentration of PCBs equal to or greater than 50 parts per million (ppm) is a listed hazardous waste as defined in 6 NYCRR Part 371. There were no PCBs detected at concentrations above the Industrial Use SCO or Protection of Groundwater SCO in the other surface soil samples.

- Groundwater surface elevations, based on gauging of existing and newly installed monitoring wells, were found to vary between 7.22 feet below the sidewalk north of the exposed soil yard at Lot 19 (DEP-MW-9) to 12.34 feet below the asphalt parking lot surface at Lot 27 (NS-SB/MW-4). Based on groundwater surface elevation measurements, the predominant direction of groundwater flow is inferred to be to the east-southeast. The groundwater surface elevation measurements revealed a steep groundwater surface gradient, as shown on *Figure 4*, which may be attributable to dewatering activities associated with the construction of the Newtown Creek Wastewater Treatment Plant located immediately east of the Site.

- The metals iron, lead, magnesium, manganese, mercury, and sodium were detected at concentrations above the Class GA Values in unfiltered groundwater samples. In filtered groundwater, only magnesium, manganese and sodium (which are likely naturally present metals) were detected at concentrations above the Class GA Values.

- The VOCs cis-1,2-dichloroethene, tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride were detected at concentrations above the Class GA Values in groundwater samples. Cis-1,2-dichloroethene was detected in monitoring wells NS-SB/MW-1 and NS-SB/MW-7 at concentrations of 9.3 and 13 µg/L, respectively, which exceeds the Class GA Value of 5.0 µg/L. PCE was detected in monitoring wells NS-SB/MW-6 and NS-SB/MW-7 at concentrations of 15 and 110 µg/L, respectively, which exceeds the Class GA Value of 5.0 µg/L. TCE was detected in monitoring well NS-SB/MW-7 at a concentration of 29 µg/L, which exceeds the Class GA Value of 5.0 µg/L, and vinyl chloride was detected in monitoring well NS-SB/MW-1 at a concentration of 33 µg/L, which exceeds the Class GA Value of 2.0 µg/L.

- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at concentrations above the Class GA Values in groundwater samples. The SVOC benzo(a)anthracene was detected in monitoring wells NS-SB/MW-3, NS-SB/MW-7 and NS-SB/MW-11 at concentrations of 1.2J, 0.86J and 0.79J µg/L, respectively, which exceed the Class GA Value of 0.002 µg/L. The SVOC benzo(a)pyrene was

detected in monitoring wells NS-SB/MW-3, NS-SB/MW-7 and NS-SB/MW-11 at concentrations of 1.0J, 0.74J and 0.88J µg/L, respectively, which exceed the Class GA Value of any detected concentration. The SVOC benzo(b)fluoranthene was detected in monitoring wells NS-SB/MW-3, NS-SB/MW-7 and NS-SB/MW-11 at concentrations of 1.2J, 0.83J and 1.2J µg/L, respectively, which exceed the Class GA Value of 0.002 µg/L. The SVOC chrysene was detected in monitoring wells NS-SB/MW-3, NS-SB/MW-7 and NS-SB/MW-11 at concentrations of 1.1J, 0.88J and 1.2J µg/L, respectively, which exceed the Class GA Value of 0.002 µg/L. The SVOC indeno(1,2,3-cd)pyrene was detected in monitoring wells NS-SB/MW-3 and NS-SB/MW-11 at concentrations of 0.51J and 0.55J µg/L, respectively, which exceed the Class GA Value of 0.002 µg/L.

6.2 Recommendations

Recommendations based on evaluation of the findings of the SC are presented below.

6.2.1 Surface Soil

Exceedance of comparison criteria were not detected in the surface soil samples collected in the area exhibiting surface staining in the exposed soil yard at Lot 19. Although several metals and SVOCs were detected above Protection of Groundwater SCOs in the surface soil samples collected in other parts of the exposed soil yard, only in one surface soil sample, NS-SS-5, was a metal, mercury, detected marginally above the Industrial Use SCO. In two surface soil samples, NS-SS-6 and NS-SS-9, the SVOC benzo(a)pyrene was detected marginally above the Industrial Use SCO. Cyanide and VOCs were not detected above the Industrial Use SCOs in any surface soil samples. PCBs were detected above the Protection of Groundwater SCO, Industrial Use SCO and 6 NYCRR 371 regulatory limit of 50 mg/kg in one surface soil sample, NS-SS-6.

The concentrations of metals and SVOCs detected in the surface soil samples may be attributable to historic (e.g., smelting) or current operations at the site and/or the characteristics of the fill material at the site. The source of the PCBs detected in NS-SS-6 is not known.

Based on the above, delineation of the extent of surface soil containing metals, SVOCs and PCBs above Industrial Use SCOs (around sample locations NS-SS-5, NS-SS-6, and NS-SS-9) and limiting the potential for exposure to the surface soil in the yard are recommended.

6.2.2 Subsurface Soil

Lead and/or mercury were detected at concentrations an order of magnitude or more above the Protection of Groundwater SCOs in several subsurface soil samples. In addition in one subsurface soil sample barium was detected at a concentration an order of magnitude greater than the Protection of Groundwater SCO, and in one subsurface soil sample cadmium was detected at a concentration an order of magnitude greater than the Protection of Groundwater SCO. However, there were no metals or cyanide detected

above the Class GA Values in any of the filtered groundwater samples, and the results of the analyses of select subsurface soil samples for TCLP were below the regulatory limits.

Arsenic was detected above the Industrial Use SCO in several subsurface soil samples. Also, cadmium (NS-SB/MW-5(1-3)), lead (NS-SB/MW-7(8-10)), and mercury (NS-SB/MW-5(1-3)) were each detected above the Industrial Use SCO in one subsurface soil sample. Cyanide was not detected above comparison criteria in any of the subsurface soil samples.

The VOC acetone was detected in two subsurface samples at concentrations marginally above the Protection of Groundwater SCO. However, acetone was not detected above the Class GA Value in any of the groundwater samples. Furthermore, acetone is a common laboratory contaminant.

In subsurface soil samples collected from several borings several SVOCs were detected above both Protection of Groundwater SCOs and Industrial Use SCOs. However, since no evidence of a release was observed, and historic fill material was encountered throughout the Site, it is likely that the concentrations of SVOCs detected in subsurface soil are attributable to the characteristics of the historic fill material.

Considering that the results of the groundwater sampling did not indicate elevated concentrations of dissolved phase metals, the SVOCs detected in subsurface soil are likely attributable to the characteristics of the historic fill material, the Site use is industrial, and the majority of the Site is covered with buildings and concrete or asphalt paving, additional subsurface soil sampling does not appear warranted. However, since both metals and SVOCs are present in subsurface soil above Industrial Use SCOs, consideration of limiting the potential for exposure to subsurface soil (for example as a result of future excavation at the Site) is recommended.

6.2.3 Groundwater

As stated above, metals and cyanide were not detected above Class GA Values in any of the filtered groundwater samples. Several chlorinated VOCs were detected in groundwater at concentrations marginally above Class GA Values and at similar concentrations as detected during the April 2005 Phase II ESA performed by RTP. However, there were no chlorinated VOCs detected in soil at concentrations above the Protection of Groundwater SCOs.

Several SVOCs were detected above Class GA Values. The same SVOCs were also detected above Protection of Groundwater SCOs in soil, and as stated above, the SVOCs found in soil (and groundwater) are likely attributable to the characteristics of the historic fill material encountered throughout the Site.

In view of the above, with respect to groundwater, considering investigating the potential for an off-Site source of chlorinated VOCs is recommended. Although elevated headspace readings were not detected in the monitoring wells, consider investigating vapor intrusion resulting from the chlorinated VOCs in groundwater.

6.2.4 – Summary of Recommendations

In summary the recommendations for the Former Ney Smelting and Refining Company Site based on the results of the SC are as follows:

- Delineating the extent of surface soil containing metals, SVOCs and PCBs above Industrial Use SCOs and limiting the potential for exposure to the surface soil in the Lot 19 yard.

- Limiting the potential for exposure to subsurface soil (for example as a result of future excavation at the Site).

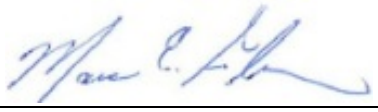
- Consider investigating the potential for an off-Site source of chlorinated VOCs in groundwater.

- Although elevated headspace readings were not detected in the monitoring wells, consider investigating vapor intrusion resulting from the chlorinated VOCs in groundwater.

7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

TRC Engineers, Inc. (TRC) performed a Site Characterization (SC) for the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) of the Former Ney Smelting and Refining Company Site, Site No. 224144, consisting of Block 2506, Lots 23, 27, 30, 36, and 139, Brooklyn, New York. The SC was performed in general accordance with the Department Work Assignment No. D007620-4 Notice to Proceed dated May 23, 2012, the Department approved Scope of Work dated August 7, 2012, and DER-10 Technical Guidance for Site Investigation and Remediation.

TRC Engineers, Inc.

Prepared By:  for
Patrick Narea, CPG
Assistant Project Manager

Reviewed By: 
Marc E. Flanagan
Project Manager

I, David S. Glass, certify that I am currently a New York State registered professional engineer and that this Site Characterization Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



David S. Glass, P.E.

8.0 REFERENCES

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-10/Technical Guidance for Site Investigation and Remediation dated May 2010.
- 6 NYCRR 375, Remedial Program Requirements dated December 14, 2006
- 6 NYCRR 703, Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations
- NYSDEC Division of Environmental Remediation (DER) Bureau of Program Management Work Assignment (WA) Notice to Proceed dated May 23, 2012.
- TRC Engineers, Inc. NYSDEC-approved Scope of Work dated August 7, 2012.
- "Data Usability Summary Report (DUSR) for Former Ney Smelting & Refining Company, NYSDEC Site No. 2241460", prepared by Dvirka and Bartilucci Consulting Engineers, dated November 2012.
- "Shallow Aquifer and Intermediate Formation Monitoring Well Construction Logs for Project WP-2283 Newton Creek WPCP", prepared by Moretrench American Corporation.
- Environmental Data Resources, Inc. (EDR) Aerial Photographs: 1924, 1954, 1966, 1975, 1984, 1994, 1995, 2006.
- "Replacement of Organic Solvents with the Water-Based Coatings for Sand Cores – Case Study", prepared by the Minnesota Technical Assistance Program, 1994, 6/94-93.
- "Phase I Environmental Site Assessment (ESA) Report for Ney Smelting and Refining Company, Inc., Block 2506, Lots 19, 23, 27, 30, and 139, Brooklyn, New York", prepared by RTP Environmental Associates, Inc. (RTP), dated January 3, 2005.
- "Phase II ESA Report for Ney Smelting and Refining Company, Inc., 269 Freeman Street, Brooklyn, New York", prepared by RTP, dated April 28, 2005.
- "Tank Removal and Groundwater Sampling Event Report for Ney Smelting and Refining Company, Inc., Brooklyn, New York", prepared by RTP, dated September 28, 2005.
- "Groundwater Sampling Report for New York City Industrial Development Agency, 269 Freeman Street, Brooklyn, New York", prepared by PW Grosser Consulting, Inc., dated April 19, 2006

TABLES

Table 1
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Surface Soil for Metals and Cyanide

CLIENT ID:			NS-SS-SS-1-(0)	NS-SS-SS-2-(0)	NS-SS-SS-3-(0)	NS-SS-SS-4-(0)	NS-SS-SS-5-(0.25)	NS-SS-SS-6-(0.25)	NS-SS-SS-7-(0.25)	NS-SS-SS-8-(0)	NS-SS-SS-9-(0.25)	NS-SS-SS-10-(0.25)	NS-SS-SS-11-(0.25)	NS-SS-SS-12-(0)
LAB ID:			480-25484-1	480-25484-2	480-25484-3	480-25484-4	480-25484-5	480-25484-6	480-25484-7	480-25484-8	480-25484-9	480-25484-10	480-25484-11	480-25484-12
SAMPLE DEPTH:			0' bgs	0' bgs	0' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs
COLLECTION DATE:			9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS AND CYANIDE	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	NC	NC	700 J	750 J	430 J	470 J	3,500 J	3,300 J	4,000 J	450 J	2,500 J	2,200 J	4,700 J	780 J
Antimony	NC	NC	<17 U	<20 U	<18 U	<19 U	1.8 J	2.1 J	0.68 J	<17 U	1.0 J	<18 U	0.77 J	<19 U
Arsenic	16	16	1.1 J	1.3 J	1.1 J	0.87 J	3	4.6	2.6	1.0 J	2.3 J	2.1 J	3.3	1.7 J
Barium	10,000	820	6.9 J	7.7 J	3.8 J	1.9 J	76 J	78 J	46 J	3.4 J	42 J	29 J	51 J	7.6 J
Beryllium	2,700	47	0.066 J	0.078 J	0.049 J	<0.26 U	0.19 J	0.27	0.23 J	0.065 J	0.17 J	0.15 J	0.31	0.085 J
Cadmium	60	7.5	0.12 J	0.13 J	0.056 J	<0.26 U	9.3	0.99	0.75	0.12 J	0.59	0.59	1.2	0.10 J
Calcium	NC	NC	3,100 J	2,000 J	1,100 J	210 J	22,000 J	25,000 J	35,000 J	1,400 J	16,000 J	19,000 J	33,000 J	1,600 J
Chromium	800	19	2.3	2.8	0.89	1.1	18	29	28	3.9	12	7	13	3
Cobalt	NC	NC	0.52 J	0.74	0.33 J	0.44 J	3.1	3.1	2.5	0.45 J	2	1.6	3.0	0.68
Copper	10,000	1,720	5.9	8.8	2.7	0.99 J	140	150	150	110	63	28	27	5.8
Cyanide	10,000	40	<1.1 U	<1.2 U	<1.2 U	<1.1 U	0.75 J	1.2	<1.1 U	<1.2 U	<1.1 U	<1.2 U	<0.93 U	<1.1 U
Iron	NC	NC	1,900 J	2,400 J	2,400 J	1,400 J	9,500 J	9,500 J	7,600 J	3,900 J	5,600 J	4,800 J	7,500 J	3,100 J
Lead	3,900	450	10	18	5.3	0.76 J	540	220	110	8.2	110	47	91	10
Magnesium	NC	NC	520 J	220 J	120 J	88 J	1,700 J	1,900 J	1,900 J	260 J	1,900 J	1,000 J	2,900 J	240 J
Manganese	10,000	2,000	31 J	39 J	26 J	24 J	120 J	130 J	130 J	30 J	93 J	78 J	160 J	47 J
Mercury	5.7	0.73	0.14 J	0.22 J	0.46 J	<0.024 UJ	6.3 J	2.4 J	2.1 J	0.13 J	1.5 J	0.77 J	0.43 J	0.17 J
Nickel	10,000	130	1.2 J	1.5 J	0.79 J	0.61 J	13	12	8.6	1.1 J	23	4.2 J	11.0	1.5 J
Potassium	NC	NC	120 J	110 J	73 J	46 J	430 J	530 J	750 J	67 J	440 J	420 J	640 J	120 J
Selenium	6,800	4.0	<4.5 U	<5.3 U	<4.9 U	<5.2 U	<4.8 U	0.80 J	1.1 J	<4.5 U	<5.1 U	<4.8 U	<4.6 U	0.92 J
Silver	6,800	8.3	<0.56 U	0.36 J	<0.61 U	<0.65 U	49	3.4	1.8	<0.56 U	1.7	0.6	<0.58 U	<0.64 U
Sodium	NC	NC	22 J	21 J	21 J	<180 U	110 J	190	260	19 J	75 J	120 J	79 J	23 J
Thallium	NC	NC	<6.7 U	<8.0 U	<7.4 U	<7.8 U	<7.3 U	<7.2 U	<7.5 U	<6.7 U	<7.6 U	<7.2 U	<7.0 U	<7.7 U
Vanadium	NC	NC	2.1	2.6	1.3	1.5	13	12	9.1	1.8	9	6.2	14	3.1
Zinc	10,000	2,480	16 J	27 J	9.3 J	<2.1 UBJ	260 J	230 J	190 J	68 J	120 J	75 J	200 J	13 J

mg/kg - Milligrams per kilogram
bgs - Below ground surface
J - Estimated value
NC - No criterion
U - Non-detect
UB - Qualified as non-detect
UJ - Estimated detection limit
SCO - Soil Cleanup Objective
Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.
The more stringent SCOs (for hexavalent) were used for screening total chromium results.

Table 2
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Surface Soil for VOCs

CLIENT ID:			NS-SS-SS-1-(0)	NS-SS-SS-2-(0)	NS-SS-SS-3-(0)	NS-SS-SS-4-(0)	NS-SS-SS-5-(0.25)	NS-SS-SS-6-(0.25)	NS-SS-SS-7-(0.25)	NS-SS-SS-8-(0)	NS-SS-SS-9-(0.25)	NS-SS-SS-10-(0.25)	NS-SS-SS-11-(0.25)	NS-SS-SS-12-(0)
LAB ID:			480-25484-1	480-25484-2	480-25484-3	480-25484-4	480-25484-5	480-25484-6	480-25484-7	480-25484-8	480-25484-9	480-25484-10	480-25484-11	480-25484-12
SAMPLE DEPTH:			0' bgs	0' bgs	0' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs
COLLECTION DATE:			9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOLATILE ORGANIC COMPOUNDS (VOCs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-Trichloroethane (TCA)	1,000	0.68	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,1,2,2-Tetrachloroethane	NC	0.6*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,1,2-Trichloroethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon)	NC	6.0*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,1-Dichloroethane	480	0.27	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
1,1-Dichloroethene	1,000	0.33	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
1,2,4-Trichlorobenzene	NC	3.4*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,2-Dibromo-3-chloropropane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,2-Dibromoethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,2-Dichlorobenzene	1,000	1.1	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
1,2-Dichloroethane	60	0.02	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,2-Dichloropropane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,3-Dichlorobenzene	560	2.4	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
1,4-Dichlorobenzene	250	1.8	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
2-Hexanone	250	0.1	<0.03 U	<0.03 U	<0.03 U	<0.0028 U	<0.032 U	<0.03 U	<0.03 U	<0.031 U	<0.03 U	<0.03 U	<0.029 U	<0.028 U
2-Butanone (MEK)	1,000	0.12	<0.03 U	<0.03 U	<0.03 U	<0.0028 U	<0.032 U	<0.03 U	<0.03 U	<0.031 U	<0.03 U	0.016 J	<0.029 U	<0.028 U
4-Methyl-2-pentanone (MIBK)	NC	1.0*	<0.03 U	<0.03 U	<0.03 U	<0.0028 U	<0.032 U	<0.03 U	<0.03 U	<0.031 U	<0.03 U	0.0028 J	<0.029 U	<0.028 U
Acetone	1,000	0.05	0.0083 J	<0.03 U	<0.03 U	<0.0028 U	<0.032 U	<0.03 U	<0.03 U	0.0059 J	<0.03 U	0.2	<0.029 U	<0.028 U
Benzene	89	0.06	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
Bromodichloromethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Bromoform	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Bromomethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Carbon disulfide	NC	2.7*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Carbon tetrachloride	44	0.76	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Chlorobenzene	1,000	1.1	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
Dibromochloromethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Chloroethane	NC	1.9*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Chloroform	700	0.37	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Chloromethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
cis-1,2-Dichloroethene	1,000	0.25	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
cis-1,3-Dichloropropene	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Cyclohexane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Dichlorodifluoromethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Ethylbenzene	780	1.0	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
Isopropylbenzene	NC	2.3*	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Methyl acetate	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Methyl tert-butyl ether	1,000	0.93	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Methylcyclohexane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Methylene chloride	1,000	0.05	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Styrene	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	0.0034 J	<0.0058 U	<0.0056 U
Tetrachloroethene	300	1.3	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
Toluene	1,000	0.7	0.00046 J	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
trans-1,2-Dichloroethene	1,000	0.19	<0.0059 UJ	<0.006 UJ	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	<0.0059 UJ	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
trans-1,3-Dichloropropene	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Trichloroethene	400	0.47	0.0038 J	0.0025 J	<0.006 UJ	<0.0057 UJ	<0.0063 UJ	0.0038 J	<0.006 UJ	<0.0061 UJ	<0.0061 UJ	<0.0059 UJ	<0.0058 UJ	<0.0056 UJ
Trichlorofluoromethane	NC	NC	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Vinyl chloride	27	0.02	<0.0059 U	<0.006 U	<0.006 U	<0.0057 U	<0.0063 U	<0.0059 U	<0.006 U	<0.0061 U	<0.0061 U	<0.0059 U	<0.0058 U	<0.0056 U
Xylene (Total)[1]	1,000	1.6	<0.0011 UB	<0.012 U	<0.012 U	<0.011 U	<0.013 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U

mg/kg - Milligrams per kilogram
bgs - Below ground surface
J - Estimated value
NC - No criterion
SCO - Soil Cleanup Objective
U - Non-detect
UB - Qualified as non-detect
UJ - Estimated detection limit
* - Criteria is from New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 Table 1.
(1) - There is no SCO for m/p xylene or o-xylene. The Industrial Use SCO for total xylenes is 1,000 mg/kg. The Protection of Groundwater SCO for total xylenes is 1.6 mg/kg.
Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.

Table 3
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Surface Soil for SVOCs

CLIENT ID:			NS-SS-SS-1-(0)	NS-SS-SS-2-(0)	NS-SS-SS-3-(0)	NS-SS-SS-4-(0)	NS-SS-SS-5-(0.25)	NS-SS-SS-6-(0.25)	NS-SS-SS-7-(0.25)	NS-SS-SS-8-(0)	NS-SS-SS-9-(0.25)	NS-SS-SS-10-(0.25)	NS-SS-SS-11-(0.25)	NS-SS-SS-12-(0)
LAB ID:			480-25484-1	480-25484-2	480-25484-3	480-25484-4	480-25484-5	480-25484-6	480-25484-7	480-25484-8	480-25484-9	480-25484-10	480-25484-11	480-25484-12
SAMPLE DEPTH:			0' bgs	0' bgs	0' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs
COLLECTION DATE:			9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Biphenyl	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
bis (2-chloroisopropyl) ether	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2,4,5-Trichlorophenol	NC	0.1*	<0.99 U	<1.0 U	<0.99 U	<0.98 U	<0.97 U	<1.0 U	<0.97 U	<0.99 U	<1.7 U	0.98 U	<0.95 U	<0.95 U
2,4,6-Trichlorophenol	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2,4-Dichlorophenol	NC	0.40*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2,4-Dimethylphenol	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2,4-Dinitrophenol	NC	0.2*	<0.99 U	<1.0 U	<0.99 U	<0.98 U	<0.97 U	<1.0 U	<0.97 U	<0.99 U	<1.7 U	<0.39 U	<0.95 U	<0.95 U
2,4-Dinitrotoluene	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2,6-Dinitrotoluene	NC	1.0*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2-Chloronaphthalene	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2-Chlorophenol	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2-Methylnaphthalene	NC	36.4*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	0.024 J	<0.39 U	<0.40 U	0.085 J	<0.39 U	<0.38 U	<0.38 U
2-Methylphenol	1,000	0.33	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
2-Nitroaniline	NC	0.4*	<0.99 U	<1.0 U	<0.99 U	<0.98 U	<0.97 U	<1.0 U	<0.97 U	<0.99 U	<1.7 U	<0.39 U	<0.95 U	<0.95 U
2-Nitrophenol	NC	0.3*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<0.66 U	<0.39 U	<0.38 U	<0.38 U
3,3'-Dichlorobenzidine	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
3-Nitroaniline	NC	0.5*	<0.99 U	<1.0 U	<0.39 U	<0.98 U	<1.9 U	<1.0 U	<0.97 U	<0.99 U	<4.9 U	<0.39 U	<0.95 U	<0.95 U
4,6-Dinitro-2-methylphenol	NC	NC	<0.99 UJ	<1.0 UJ	<0.99 UJ	<0.98 UJ	<1.9 UJ	<1.0 UJ	<0.97 UJ	<0.99 UJ	<4.9 UJ	<0.39 UJ	<0.95 UJ	<0.95 UJ
4-Bromophenyl phenyl ether	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
4-Chloro-3-methylphenol	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
4-Chloroaniline	NC	0.22*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
4-Chlorophenyl phenyl ether	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
4-Methylphenol	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
4-Nitroaniline	NC	NC	<0.99 UJ	<1.0 UJ	<0.99 UJ	<0.98 UJ	<1.9 UJ	<1.0 UJ	<0.97 UJ	<0.99 UJ	<4.9 UJ	<0.39 UJ	<0.95 UJ	<0.95 UJ
4-Nitrophenol	NC	0.1*	<0.99 U	<1.0 U	<0.99 U	<0.98 U	<1.9 U	<1.0 U	<0.97 U	<0.99 U	<4.9 U	<0.39 U	<0.95 U	<0.95 U
Acenaphthene	1,000	98	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.037 J	0.045 J	<0.39 U	<0.40 U	0.360 J	<0.39 U	<0.38 U	<0.38 U
Acenaphthylene	1,000	107	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Acetophenone	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	0.022 J	<0.38 U
Anthracene	1,000	1,000	<0.39 UJ	<0.4 UJ	0.02 J	<0.39 UJ	0.120 J	0.200 J	0.043 J	<0.40 UJ	0.68 J	0.019 J	0.034 J	<0.38 UJ
Atrazine	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Benzaldehyde	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.020 J	<0.41 U	0.034 J	<0.40 U	<1.9 U	0.043 J	<0.38 U	<0.38 U
Benzo[a]anthracene	11	1.0	0.024 J	0.086 J	0.056 J	<0.39 U	0.63 J	1.2	0.250 J	0.029 J	1.7 J	0.120 J	0.180 J	0.035 J
Benzo[a]pyrene	1.1	22	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.76 J	1.2	0.240 J	<0.40 U	1.8 J	0.120 J	0.210 J	<0.38 U
Benzo[b]fluoranthene	11	1.7	0.035 J	0.089 J	0.062 J	<0.39 U	0.92	1.6	0.280 J	0.033 J	1.7 J	0.130 J	0.220 J	0.037 J
Benzo[g,h,i]perylene	1,000	1,000	<0.39 UJ	0.047 J	<0.39 UJ	<0.39 UJ	0.48 J	0.56 J	0.140 J	<0.40 UJ	1.0 J	0.067 J	0.180 J	<0.38 UJ
Benzo[k]fluoranthene	110	1.7	0.037 J	0.110 J	0.058 J	<0.39 U	0.70 J	1.0	0.260 J	<0.40 U	1.9	0.170 J	0.180 J	0.040 J
Bis(2-chloroethoxy)methane	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	< 0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Bis(2-chloroethyl)ether	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	< 0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Bis(2-ethylhexyl) phthalate	NC	435*	0.25 J	0.51	0.96	<0.39 U	0.57	1.7	1.2	0.220 J	0.41 J	0.8	0.300 J	0.180 J
Butyl benzyl phthalate	NC	122*	0.025 J	0.035 J	<0.39 U	<0.39 U	0.051 J	0.120 J	0.057 J	<0.40 U	0.190 J	0.044 J	0.120 J	0.028 J
Caprolactam	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Carbazole	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.049 J	0.056 J	<0.39 U	<0.40 U	0.400 J	<0.39 U	<0.38 U	<0.38 U
Chrysene	110	1.0	0.047 J	0.120 J	0.079 J	<0.39 U	0.82	1.6	0.340 J	0.043 J	2.1	0.200 J	0.220 J	0.045 J
Di-n-butyl phthalate	NC	8.1*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	0.035 J	<0.39 U	0.019 J	<1.9 U	0.035 J	0.029 J	<0.38 U
Di-n-octyl phthalate	NC	120*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Dibenz(a,h)anthracene	1.1	1,000	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	0.170 J	<0.39 U	<0.40 U	< 1.9 U	<0.39 U	<0.38 U	<0.38 U
Dibenzofuran	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	0.026 J	<0.39 U	<0.40 U	0.160 J	<0.39 U	<0.38 U	<0.38 U
Diethyl phthalate	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Dimethyl pthalate	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Fluoranthene	1,000	1,000	0.025 J	0.074 J	0.047 J	<0.39 UJ	0.76 J	1.7 J	0.250 J	0.033 J	3.4 J	0.150 J	0.200 J	0.040 J
Fluorene	1,000	386	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.041 J	0.041 J	<0.39 U	<0.40 U	0.250 J	<0.39 U	<0.38 U	<0.38 U
Hexachlorobenzene	12	1.4*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Hexachlorobutadiene	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Hexachlorocyclopentadiene	NC	NC	<0.39 UJ	<0.4 UJ	<0.39 UJ	<0.39 UJ	<0.77 U	<0.41 UJ	<0.39 UJ	<0.40 UJ	<1.9 UJ	<0.39 UJ	<0.38 UJ	<0.38 UJ
Hexachloroethane	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Indeno[1,2,3-cd]pyrene	11	8.2	<0.39 U	<0.4 U	<0.39 U	<0.39 U	0.40 J	0.55	0.130 J	<0.40 U	0.95 J	<0.39 U	0.130 J	<0.38 U
Isophorone	NC	4.4*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
N-Nitrosodi-n-propylamine	NC	NC	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
N-Nitrosodiphenylamine	NC	NC	<0.46 U	<0.47 U	<0.46 U	<0.46 U	<0.91 U	<0.48 U	<0.45 U	<0.46 U	<2.3 U	<0.46 U	<0.44 U	<0.440 U
Naphthalene	1,000	12	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	0.034 J	<0.39 U	<0.40 U	0.230 J	<0.39 U	<0.38 U	<0.38 U
Nitrobenzene	140*	0.17*	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Pentachlorophenol	55	0.8	<0.99 UJ	<1.0 UJ	<0.99 UJ	<0.98 UJ	<1.9 UJ	<1.0 UJ	<0.97 UJ	<0.99 UJ	<4.9 UJ	<0.39 UJ	<0.95 UJ	<0.95 UJ
Phenanthrene	1,000	1,000	0.015 J	0.057 J	0.059 J	<0.39 U	0.58 J	0.88	0.200 J	0.027 J	2.6	0.100 J	0.150 J	0.026 J
Phenol	1,000	0.33	<0.39 U	<0.4 U	<0.39 U	<0.39 U	<0.77 U	<0.41 U	<0.39 U	<0.40 U	<1.9 U	<0.39 U	<0.38 U	<0.38 U
Pyrene	1,000	1,000	0.044 J	0.160 J	0.100 J	<0.39 UJ	1.2 J	3.1 D	0.61 J	0.057 J	3.6 J	0.4 J	0.350 J	0.066 J

mg/kg - Milligrams per kilogram
bgs - Below ground surface
D - Result taken from secondary dilution
J - Estimated value
NC - No criterion
U - Not detected above the laboratory reporting limit.
UJ - Estimated detection limit
SCO - Soil Cleanup Objective
Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.
* - Criteria is from New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 Table 1

Table 4
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Surface Soil for PCBs

CLIENT ID:			NS-SS-SS-1-(0)	NS-SS-SS-2-(0)	NS-SS-SS-3-(0)	NS-SS-SS-4-(0)	NS-SS-SS-5-(0.25)	NS-SS-SS-6-(0.25)	NS-SS-SS-7-(0.25)	NS-SS-SS-8-(0)	NS-SS-SS-9-(0.25)	NS-SS-SS-10-(0.25)	NS-SS-SS-11-(0.25)	NS-SS-SS-12-(0)
LAB ID:			480-25484-1	480-25484-2	480-25484-3	480-25484-4	480-25484-5	480-25484-6	480-25484-7	480-25484-8	480-25484-9	480-25484-10	480-25484-11	480-25484-12
SAMPLE DEPTH:			0' bgs	0' bgs	0' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs	0.25' bgs	0.25' bgs	0.25' bgs	0' bgs
COLLECTION DATE:			9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12	9/19/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
POLYCHLORINATED BIPHENYLS (PCBs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aroclor 1016	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1221	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1232	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1242	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1248	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1254	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1260	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	36 DJ	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1262	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	<4.9 U	<0.24 U	<0.24 U	<0.27 U	<0.26 U	<0.26 U	<0.26 U
Aroclor 1268	NC	NC	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	52 DJ	<0.24 U	<0.24 U	0.2 J	<0.26 U	<0.26 U	<0.26 U
Total PCBs	25	3.2	<0.28 U	<0.29 U	<0.22 U	<0.24 U	<0.26 U	*88 J	<0.24 U	<0.24 U	0.2 J	<0.26 U	<0.26 U	<0.26 U

mg/kg - Milligrams per kilogram

bgs - Below ground surface

D - Result taken from the secondary dilution

J - Estimated value

NC - No criterion

U - Not detected above the laboratory reporting limit.

SCO - Soil Cleanup Objective

Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.

*Soil exhibiting a concentration of PCBs equal to or above 50 mg/kg is a listed hazardous waste as defined in NYCRR Part 371.

Table 5
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Subsurface Soil for Metals and Cyanide

CLIENT ID:			NS-SB/MW-1-SO-(1-3)	NS-SB/MW-1-SO-(10-11.5)	NS-SB/MW-2-SO-(1-3)	NS-SB/MW-2-SO-(10-11)	NS-SB/MW-3-SO-(1-3)	NS-SB/MW-3-SO-(10-11)	NS-SB/MW-4-SO-(0.5-2.5)	NS-SB/MW-4-SO-(10-11.5)	NS-SB/MW-5-SO-(1-3)	NS-SB/MW-5-SO-(7.5-9.5)	NS-SB/MW-6-SO-(0.5-2.5)	NS-SB/MW-6-SO-(10-11)	NS-SB/MW-7-SO-(1-3)	NS-SB/MW-7-SO-(8-10)
LAB ID:			480-25085-1	480-25085-2	480-25085-9	480-25085-10	480-25168-1	480-25168-2	480-25168-3	480-25168-4	480-25085-3	480-25085-4	480-25085-5	480-25085-6	480-25085-7	480-25085-8
SAMPLE DEPTH:			1 - 3' bgs	10 - 11.5' bgs	1 - 3' bgs	10 - 11' bgs	1 - 3' bgs	10 - 11' bgs	0.5 - 2.5' bgs	10 - 11.5' bgs	1 - 3' bgs	7.5 - 9.5' bgs	0.5 - 2.5' bgs	10 - 11' bgs	1 - 3' bgs	8 - 10' bgs
COLLECTION DATE:			9/11/12	9/11/12	9/12/12	9/13/12	9/13/12	9/13/12	9/13/12	9/13/12	9/11/12	9/11/12	9/12/12	9/12/12	9/12/12	9/12/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
METALS AND CYANIDE	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aluminum	NC	NC	6,100 J	8,000 J	6,300 J	7,700 J	5,500 J	8,100 J	4,000 J	4,200 J	3,100 J	10,000 J	3,800 J	7,400 J	4,000 J	7,900 J
Antimony	NC	NC	1.8 J	<19 UJ	<16 UJ	<17 UJ	27 J	1.1 J	<20 U	4.2 J	25 J	<20 UJ	<100 UJ	<17 UJ	1.4 J	<20 UJ
Arsenic	16	16	24	28	16	10	17	7.4	1.5 J	3.7	62	5	13	7.5	17	11
Barium	10,000	820	360 J	85 J	950 J	130 J	570	100	65	44	320 J	72 J	250 J	210 J	1,300 J	250 J
Beryllium	2,700	47	0.5	0.53	0.55	0.8	1.00	0.58	0.20 J	0.39	0.42	1	0.32	0.41	0.32	0.61
Cadmium	60	7.5	4.3	0.25 J	1.5	0.21 J	9.4	0.27	27	5.6	110	14	0.51	0.47	2.7	0.29
Calcium	NC	NC	21,000	12,000	12,000	11,000	76,000 J	14,000 J	3,600 J	23,000 J	5,200	2,100	4,100	9,000	32,000	5,100
Chromium	800	19	21	20	20	14	31 J	18 J	5.7 J	16 J	28	15	8.8	14	18	10
Cobalt	NC	NC	4.8 J	7.6 J	8.4 J	7.7 J	13	5.4	3.7	4.7	4.6 J	5.8 J	12 J	6.6 J	4.7 J	8.3 J
Copper	10,000	1,720	170	44	160	35	460	73	30	64	1500	18	310	100	490	51
Cyanide	10,000	40	0.76 J	<1.2 UJ	1.4 J	0.74 J	1.3 J	<1.1 UJ	<1.2 UJ	<1.1 UJ	0.94 J	<1.2 UJ	2.4 J	<1.2 UJ	<1.1 UJ	0.65 J
Iron	NC	NC	15,000	17,000	15,000	15,000	22,000	6,500	2,900	9,700	91,000	16,000	63,000	17,000	16,000	8,300
Lead	3,900	450	1,400	180	230	1,900	1,600	82	39	130	3,500	490	200	140	370	13,000
Magnesium	NC	NC	2,700 J	3,400 J	2,000 J	1,800 J	4,400 J	660 J	650 J	3,100 J	900 J	2,900 J	620 J	2,000 J	1,200 J	1,100 J
Manganese	10,000	2,000	210 J	270 J	230 J	230 J	360	100	220	120	190 J	260 J	830 J	290 J	240 J	81 J
Mercury	5.7	0.73	0.7 J	1.1 J	2 J	3.9 J	1.1 J	0.058 J	0.041 J	0.073 J	7.7 J	0.25 J	0.59 J	0.28 J	0.3 J	4.2 J
Nickel	10,000	130	19	28	17	15	330 J	15 J	10 J	15 J	26	20	26	13	88	630
Potassium	NC	NC	870	910	1,500	980	960	950	400	690	1,400	1,100	1,400	790	590	1,100
Selenium	6,800	4.0	0.90 J	1.2 J	2.0 J	<4.6 U	1.1 J	<4.2 U	<5.3 U	<4.6 U	7.5	<5.3 U	1.8 J	0.68 J	1.1 J	5.7
Silver	6,800	8.3	1.6	<0.64 U	1.2	<0.57 U	0.85	<0.53 U	<0.66 U	<0.57 U	1.7	<0.67 U	0.38 J	<0.58 U	<0.66 U	0.41 J
Sodium	NC	NC	430	200	360	730	490	270	250	150 J	540	91 UB	200	180	170 UB	340
Thallium	NC	NC	<7.1 U	<7.7 U	<6.4 U	<6.8 U	<6.2 U	<6.3 U	<7.9 U	<6.8 U	<7.6 U	<8.0 U	<8.1 U	<7.0 U	<7.9 U	<7.9 U
Vanadium	NC	NC	51	22	25	21	21	19	8.1	19	26	23	21	18	18	27
Zinc	10,000	2,480	870	150	620	130	1,600 J	200 J	450 J	410 J	6,900	1,800	250	600	1,100	2,300

mg/kg - Milligrams per kilogram
bgs - Below ground surface
J - Estimated value
NC - No criterion
U - Non-detect
UB - Qualified as non-detect
UJ - Estimated detection limit
SCO - Soil Cleanup Objective
Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.
The more stringent SCOs (for hexavalent) were used for screening total chromium results.

Table 6
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Subsurface Soil for VOCs

CLIENT ID:			NS-SB/MW-1-SO-(1-3)	NS-SB/MW-1-SO-(10-11.5)	NS-SB/MW-2-SO-(1-3)	NS-SB/MW-2-SO-(10-11)	NS-SB/MW-3-SO-(1-3)	NS-SB/MW-3-SO-(10-11)	NS-SB/MW-4-SO-(0.5-2.5)	NS-SB/MW-4-SO-(10-11.5)	NS-SB/MW-5-SO-(1-3)	NS-SB/MW-5-SO-(7.5-9.5)	NS-SB/MW-6-SO-(0.5-2.5)	NS-SB/MW-6-SO-(10-11)	NS-SB/MW-7-SO-(1-3)	NS-SB/MW-7-SO-(8-10)
LAB ID:			480-25085-1	480-25085-2	480-25085-9	480-25085-10	480-25168-1	480-25168-2	480-25168-3	480-25168-4	480-25085-3	480-25085-4	480-25085-5	480-25085-6	480-25085-7	480-25085-8
SAMPLE DEPTH:			1 - 3' bgs	10 - 11.5' bgs	1 - 3' bgs	10 - 11' bgs	1 - 3' bgs	10 - 11' bgs	0.5 - 2.5' bgs	10 - 11.5' bgs	1 - 3' bgs	7.5 - 9.5' bgs	0.5 - 2.5' bgs	10 - 11' bgs	1 - 3' bgs	8 - 10' bgs
COLLECTION DATE:			9/11/12	9/11/12	9/12/12	9/12/12	9/13/12	9/13/12	9/13/12	9/13/12	9/11/12	9/11/12	9/12/12	9/12/12	9/12/12	9/12/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOLATILE ORGANIC COMPOUNDS (VOCs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
1,1,1-Trichloroethane (TCA)	1,000	0.68	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,1,2,2-Tetrachloroethane	NC	0.6*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon)	NC	6.0*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,1,2-Trichloroethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,1-Dichloroethane	480	0.27	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,1-Dichloroethene	1,000	0.33	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,2,4-Trichlorobenzene	NC	3.4*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,2-Dibromo-3-chloropropane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,2-Dibromoethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,2-Dichlorobenzene	1,000	1.1	<0.0055 UJ	<0.0062 UJ	<0.0057 UJ	<0.0062 UJ	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 UJ	<0.006 UJ	<0.0069 UJ	<0.006 UJ	<0.0061 UJ	<0.0065 UJ
1,2-Dichloroethane	60	0.02	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,2-Dichloropropane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,3-Dichlorobenzene	560	2.4	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
1,4-Dichlorobenzene	250	1.8	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
2-Hexanone	250	0.1	<0.028 U	<0.031 U	<0.028 U	<0.031 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.031 U	<0.03 U	<0.035 U	<0.03 U	<0.03 U	<0.032 U
2-Butanone (MEK)	1,000	0.12	<0.028 U	0.0067 J	<0.028 U	<0.031 U	<0.028 U	<0.029 U	<0.029 U	0.0045 J	<0.031 U	<0.03 U	<0.035 U	<0.03 U	<0.03 U	0.024 J
4-Methyl-2-pentanone (MIBK)	NC	1.0*	<0.028 U	<0.031 U	<0.028 U	<0.031 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.031 U	<0.03 U	<0.035 U	<0.03 U	<0.03 U	<0.032 U
Acetone	1,000	0.05	<0.028 U	0.058	<0.028 U	0.025 J	<0.028 U	0.0099 J	<0.029 U	0.023 J	<0.031 U	<0.03 U	<0.035 U	0.018 J	<0.03 U	0.11
Benzene	89	0.06	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Bromodichloromethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Bromoform	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Bromomethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Carbon disulfide	NC	2.7*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Carbon tetrachloride	44	0.76	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Chlorobenzene	1,000	1.1	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Dibromochloromethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Chloroethane	NC	1.9*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Chloroform	700	0.37	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Chloromethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
cis-1,2-Dichloroethene	1,000	0.25	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
cis-1,3-Dichloropropene	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Cyclohexane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Dichlorodifluoromethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Ethylbenzene	780	1.0	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Isopropylbenzene	NC	2.3*	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Methyl acetate	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Methylcyclohexane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Methylene chloride	1,000	0.05	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	0.01	<0.0065 U
Methyl tert-butyl ether	1,000	0.93	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Styrene	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Tetrachloroethene	300	1.3	0.012	0.013	0.0013 J	<0.0062 U	0.0021 J	0.0042J	0.0063	0.0067	0.028	0.0015 J	0.27	0.051	0.69 D	0.0023 J
Toluene	1,000	0.7	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	0.0012 J	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
trans-1,2-Dichloroethene	1,000	0.19	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
trans-1,3-Dichloropropene	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Trichloroethene	400	0.47	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	0.0055 J	0.0019 J	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	0.0018 J	<0.0065 U
Trichlorofluoromethane	NC	NC	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Vinyl chloride	27	0.02	<0.0055 U	<0.0062 U	<0.0057 U	<0.0062 U	<0.0055 U	<0.0059 U	<0.0058 U	<0.0056 U	<0.0063 U	<0.006 U	<0.0069 U	<0.006 U	<0.0061 U	<0.0065 U
Xylene (Total)[1]	1,000	1.6	<0.011 U	<0.012 U	<0.011 U	<0.012 U	<0.011 U	<0.0012 U	<0.012 U	<0.0056 U	<0.013 U	<0.012 U	<0.014 U	<0.012 U	<0.012 U	<0.013 U

mg/kg - Milligrams per kilogram

bgs - Below ground surface

D - Result taken from secondary dilution

J - Estimated value

NC - No criterion

NA - Not analyzed

U - Non-detect

UJ - Estimated detection limit

SCO - Soil Cleanup Objective

* - Criteria is from New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 Table 1

[1] - There is no SCO for m/p xylene or o-xylene. The Industrial Use SCO for total xylenes is 1,000 mg/kg. The Protection of Groundwater SCO for total xylenes is 1.6 mg/kg.

Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.

Table 7
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Subsurface Soil for SVOCs

CLIENT ID:			NS-SB/MW-1-SO-	NS-SB/MW-1-SO-	NS-SB/MW-2-SO-	NS-SB/MW-2-SO-	NS-SB/MW-3-SO-	NS-SB/MW-3-SO-	NS-SB/MW-4-SO-	NS-SB/MW-4-SO-	NS-SB/MW-5-SO-	NS-SB/MW-5-SO-	NS-SB/MW-6-SO-	NS-SB/MW-6-SO-	NS-SB/MW-7-SO-	NS-SB/MW-7-SO-
LAB ID:			(1-3)	(10-11.5)	(1-3)	(10-11)	(1-3)	(10-11)	(0.5-2.5)	(10-11.5)	(1-3)	(7.5-9.5)	(0.5-2.5)	(10-11)	(1-3)	(8-10)
SAMPLE DEPTH:			480-25085-1	480-25085-2	480-25085-9	480-25085-10	480-25168-1	480-25168-2	480-25168-3	480-25168-4	480-25085-3	480-25085-4	480-25085-5	480-25085-6	480-25085-7	480-25085-8
COLLECTION DATE:			1 - 3' bgs	10 - 11.5' bgs	1 - 3' bgs	10 - 11' bgs	1 - 3' bgs	10 - 11' bgs	0.5 - 2.5' bgs	10 - 11.5' bgs	1 - 3' bgs	7.5 - 9.5' bgs	0.5 - 2.5' bgs	10 - 11' bgs	1 - 3' bgs	8 - 10' bgs
SAMPLE MATRIX:			9/11/12	9/11/12	9/12/12	9/12/12	9/13/12	9/13/12	9/13/12	9/13/12	9/11/12	9/11/12	9/12/12	9/12/12	9/12/12	9/12/12
UNITS:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Biphenyl	NC	NC	0.34 J	0.031 J	<1.9 U	<0.21 U	2.3 J	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	0.23 J	<0.2 U	0.45 J
bis (2-chloroisopropyl) ether	NC	NC	<3.7 U	<0.21	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,4,5-Trichlorophenol	NC	0.1*	<3.7 U	<0.21	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,4,6-Trichlorophenol	NC	NC	<3.7 U	<0.21	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,4-Dichlorophenol	NC	0.40*	<3.7 U	<0.21	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,4-Dimethylphenol	NC	NC	<3.7 U	<0.21	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,4-Dinitrophenol	NC	0.2*	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
2,4-Dinitrotoluene	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2,6-Dinitrotoluene	NC	1.0*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2-Chloronaphthalene	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2-Chlorophenol	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2-Methylnaphthalene	NC	36.4*	1.3 J	0.11 J	0.12 J	0.026 J	10 J	<3.9 U	<4.2 U	<3.9 U	0.48 J	0.024 J	<4.6 U	0.79 J	0.072 J	1.1 J
2-Methylphenol	1,000	0.33	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
2-Nitroaniline	NC	0.4*	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
2-Nitrophenol	NC	0.3*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
3,3'-Dichlorobenzidine	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
3-Nitroaniline	NC	0.5*	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
4,6-Dinitro-2-methylphenol	NC	NC	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
4-Bromophenyl phenyl ether	NC	NC	<3.7 U	<0.21 UJ	<1.9 U	<0.21 U	<28 UJ	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
4-Chloro-3-methylphenol	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
4-Chloroaniline	NC	0.22*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
4-Chlorophenyl phenyl ether	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
4-Methylphenol	NC	NC	<7.2 U	<0.42 U	<3.7 U	0.035 J	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
4-Nitroaniline	NC	NC	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
4-Nitrophenol	NC	0.1*	<7.2 U	<0.42 U	<3.7 U	<0.41 U	<54 U	<7.5 U	<8.1 U	<7.6 U	<8.2 U	<0.41 U	<9.0 U	<3.9 U	<0.4 U	<8.5 U
Acenaphthene	1,000	98	3.2 J	0.35 J	0.32 J	0.1 J	18 J	<3.9 U	0.17 J	0.24 J	2.8 J	0.044 J	0.31 J	3.2J	0.32 J	5.6 J
Acenaphthylene	1,000	107	0.46 J	0.066 J	<3.7 U	0.043 J	5 J	<3.9 U	<4.2 U	<3.9 U	0.36 J	<0.21 U	<4.6 U	0.11 J	0.063 J	0.33 J
Acetophenone	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Anthracene	1,000	1,000	8.3	0.79 J	0.81 J	0.24 J	40 J	0.16 J	0.49 J	0.33 J	10	0.062 J	0.82 J	5.8	0.74	11
Atrazine	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Benzaldehyde	NC	NC	<3.7 U	0.043 J	<1.9 U	<0.21 U	<28 UJ	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Benzo[a]anthracene	11	1.0	17	1.9	1.6 J	0.63	81	0.81 J	1.6 J	1.5 J	31	0.15 J	1.6 J	7.4	1.4	15
Benzo[a]pyrene	1.1	22	17	1.8	1.5 J	0.64	78	0.74 J	1.5 J	1.5 J	28	0.14 J	1.6 J	7.1	1.3	16
Benzo[b]fluoranthene	11	1.7	20	2.4	1.8 J	0.75	86	0.88 J	1.7 J	1.8 J	33	0.19 J	1.8 J	7.7	1.5	18
Benzo[g,h,i]perylene	1,000	1,000	5.2	0.46	0.35 J	0.15 J	30	0.35 J	0.71 J	1.0 J	6.4	0.032 J	0.45 J	1.7 J	0.29	3.7 J
Benzo[k]fluoranthene	110	1.7	10	0.94	1.2 J	0.42	40	0.44 J	0.8 J	0.82 J	17	0.086 J	0.98 J	4.1	0.77	7.8
Bis(2-chloroethoxy)methane	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Bis(2-chloroethyl)ether	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Bis(2-ethylhexyl) phthalate	NC	435*	<3.7 U	0.19 J	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Butyl benzyl phthalate	NC	122*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Caprolactam	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Carbazole	NC	NC	4.2	0.34 J	0.39 J	0.09 J	18 J	<3.9 U	<4.2 U	0.22 J	1.7 J	0.041 J	<4.6 U	2.2	0.29	3.5 J
Chrysene	110	1.0	17	1.8	1.5 J	0.64	80	0.76 J	1.5 J	1.6 J	33	0.17 J	1.8 J	6.8	1.4	14
Di-n-butyl phthalate	NC	8.1*	<3.7 U	<0.21 UJ	<1.9 U	<0.21 U	<28 UJ	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Di-n-octyl phthalate	NC	120*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Dibenz(a,h)anthracene	1.1	1,000	<3.7 U	<0.21 U	<1.9 U	<0.21 U	9.5 J	0.17 J	0.32 J	0.38 J	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Dibenzofuran	NC	NC	2.5 J	0.23	0.25 J	0.05 J	15 J	<3.9 U	<4.2 U	<3.9 U	1.5 J	0.032 J	<4.6 U	2	0.22	2.8 J
Diethyl phthalate	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Dimethyl pthalate	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Fluoranthene	1,000	1,000	40	4.1 J	2.9	1.3	180 J	1.4 J	3.1 J	3.7 J	63	0.3	1.9 J	19	3.3	36
Fluorene	1,000	386	2 J	0.28 J	<1.9 U	0.032 J	19 J	<3.9 U	<4.2 U	<3.9 U	1.6 J	<0.21 U	<4.6 U	2 J	0.27 J	3.3 J
Hexachlorobenzene	12	1.4*	<3.7 U	<0.21 UJ	<1.9 U	<0.21 U	<28 UJ	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Hexachlorobutadiene	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Hexachlorocyclopentadiene	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Hexachloroethane	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Indeno[1,2,3-cd]pyrene	11	8.2	6.3	0.51	0.4 J	0.15 J	28	0.32 J	0.67 J	0.91 J	7.2	0.039 J	0.5 J	1.7 J	0.31	3.9 J
Isophorone	NC	4.4*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
N-Nitrosodi-n-propylamine	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
N-Nitrosodiphenylamine	NC	NC	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Naphthalene	1,000	12	2.6 J	0.19 J	0.25 J	0.047 J	16 J	<3.9 U	<4.2 U	<3.9 U	0.65 J	0.082 J	<4.6 U	1.7 J	0.13 J	2.2 J
Nitrobenzene	140*	0.17*	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Pentachlorophenol	55	0.8	<7.2 UJ	<0.42 UJ	<3.7 UJ	<0.41 UJ	<54 UJ	<7.5 U	<8.1 U	<7.6 U	<8.2 UJ	<0.41 UJ	<9.0 UJ	<3.9 UJ	<0.4 UJ	<8.5 UJ
Phenanthrene	1,000	1,000	35	2.9 J	3.4	1	190 J	0.9 J	2.5 J	2.0 J	36	0.43	3.8 J	20	2.9	36
Phenol	1,000	0.33	<3.7 U	<0.21 U	<1.9 U	<0.21 U	<28 U	<3.9 U	<4.2 U	<3.9 U	<4.2 U	<0.21 U	<4.6 U	<2.0 U	<0.2 U	<4.4 U
Pyrene	1,000	1,000	28 J	2.8 J	2.6 J	1.1 J	160 J	1.3 J	2.7 J	3.1 J	48 J	0.3 J	3.1 J	14 J	2.3 J	27 J

mg/kg - Milligrams per kilogram
bgs - Below ground surface
J - Estimated value
NC - No criterion
U - Non-detect
UJ - Estimated detection limit
SCO - Soil Cleanup Objective

Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.

* - Criteria is from New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 Table 1

Table 8
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Subsurface Soil for PCBs

CLIENT ID:			NS-SB/MW-1-SO-(1-3)	NS-SB/MW-1-SO-(10-11.5)	NS-SB/MW-2-SO-(1-3)	NS-SB/MW-2-SO-(10-11)	NS-SB/MW-3-SO-(1-3)	NS-SB/MW-3-SO-(10-11)	NS-SB/MW-4-SO-(0.5-2.5)	NS-SB/MW-4-SO-(10-11.5)	NS-SB/MW-5-SO-(1-3)	NS-SB/MW-5-SO-(7.5-9.5)	NS-SB/MW-6-SO-(0.5-2.5)	NS-SB/MW-6-SO-(10-11)	NS-SB/MW-7-SO-(1-3)	NS-SB/MW-7-SO-(8-10)
LAB ID:			480-25085-1	480-25085-2	480-25085-9	480-25085-10	480-25168-1	480-25168-2	480-25168-3	480-25168-4	480-25085-3	480-25085-4	480-25085-5	480-25085-6	480-25085-7	480-25085-8
SAMPLE DEPTH:			1 - 3' bgs	10 - 11.5' bgs	1 - 3' bgs	10 - 11' bgs	1 - 3' bgs	10 - 11' bgs	0.5 - 2.5' bgs	10 - 11.5' bgs	1 - 3' bgs	7.5 - 9.5' bgs	0.5 - 2.5' bgs	10 - 11' bgs	1 - 3' bgs	8 - 10' bgs
COLLECTION DATE:			9/11/12	9/11/12	9/12/12	9/12/12	9/13/12	9/13/12	9/13/12	9/13/12	9/11/12	9/11/12	9/12/12	9/12/12	9/12/12	9/12/12
SAMPLE MATRIX:			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
UNITS:			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
POLYCHLORINATED BIPHENYLS (PCBs)	Industrial SCO	Protection of Groundwater SCO	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Aroclor 1016	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1221	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1232	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1242	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1248	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1254	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1260	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1262	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	<0.22	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Aroclor 1268	NC	NC	<0.21 U	<0.27 U	<0.23 U	<0.25 U	0.1 J	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U
Total PCBs	25	3.2	<0.21 U	<0.27 U	<0.23 U	<0.25 U	0.1 J	<0.25 U	<0.24 U	<0.24 U	<0.26 U	<0.26 U	<0.31 U	<0.24 U	<0.21 U	<0.31 U

mg/kg - Milligrams per kilogram

bgs - Below ground surface

J - Estimated value

U - Non-detect

NC - No criterion

SCO - Soil Cleanup Objective

Shading indicates result above SCO. Color representing the least stringent SCO exceeded is shown unless otherwise noted.

Table 9
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Soil by TCLP

CLIENT ID:		NS-SS-SS-6-(0.25)	NS-SS-SS-11-(0.25)	NS-SB/MW-4-SO-(10-11.5)	NS-SB/MW-7-SO-(1-3)	NS-SB/MW-7-SO-(8-10)
LAB ID:		480-25484-6	480-25484-11	480-25168-4	480-25085-7	480-25085-8
SAMPLE DEPTH:		0.25' bgs	0.25' bgs	10 - 11.5' bgs	1 - 3' bgs	8 - 10' bgs
COLLECTION DATE:		9/19/12	9/19/12	9/13/12	9/12/12	9/12/12
SAMPLE MATRIX:		Soil	Soil	Soil	Soil	Soil
SURFACE OR SUBSURFACE SAMPLE:		Surface	Surface	Subsurface	Subsurface	Subsurface
UNITS:		mg/L	mg/L	mg/L	mg/L	mg/L
Compound	6 NYCRR 371 Regulatory Limits (mg/L)	Result	Result	Result	Result	Result
Volatile Organics, TCLP						
Benzene	0.5	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Carbon tetrachloride	0.5	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Chlorobenzene	100	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Chloroform	NC	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
1,2-Dichloroethane	0.5	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
1,1-Dichloroethene	0.7	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
2-Butanone (MEK)	200	<0.050 U	<0.050 U	<0.050 U	<0.050 U	NA
Tetrachloroethene	0.7	<0.010 U	<0.010 U	<0.010 U	0.042	NA
Trichloroethene	0.5	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Vinyl chloride	0.2	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Semivolatile Organics, TCLP						
1,4-Dichlorobenzene	7.5	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
2,4-Dinitrotoluene	0.13	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
Hexachlorobenzene	0.13	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
Hexachlorobutadiene	0.5	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
Hexachloroethane	3	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
3-Methylphenol	200	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
2-Methylphenol	200	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
4-Methylphenol	200	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Nitrobenzene	2	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
Pentachlorophenol	100	<0.010 U	<0.010 U	<0.010 U	<0.010 U	NA
Pyridine	5	<0.025 U	<0.025 U	<0.025 U	<0.025 U	NA
2,4,5-Trichlorophenol	400	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
2,4,6-Trochlorophenol	2	<0.0050 U	<0.0050 U	<0.0050 U	<0.0050 U	NA
Pesticides, TCLP						
gamma-BHC (Lindane)	0.4	<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U	NA
Chlordane (technical)	0.03	<0.0020 U	<0.0020 U	<0.0020 U	<0.0020 U	NA
Endrin	0.02	0.000056 J	<0.00020 U	<0.00020 U	<0.00020 U	NA
Heptachlor	0.008	<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U	NA
Heptachlor epoxide	0.008	<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U	NA
Methoxychlor	10	<0.00020 U	<0.00020 U	<0.00020 U	<0.00020 U	NA
Toxaphene	0.5	<0.0020 U	<0.0020 U	<0.0020 U	<0.0020 U	NA
Herbicides, TCLP						
Silvex (2,4,5-TP)	1	<0.0020 UJ	<0.0020 UJ	<0.0020 UJ	<0.0020 UJ	NA
2,4-D	10	<0.0020 UJ	<0.0020 UJ	<0.0020 UJ	<0.0020 UJ	NA
Metals, TCLP						
Arsenic	5	<0.010 U	0.012	<0.010 U	0.04	0.014
Barium	100	0.54	0.52	0.46	2.2	0.95 B
Cadmium	1	0.016	0.027	0.26	0.0018	0.003
Chromium	5	0.0045 UB	0.031	<0.0022 UB	<0.031 UB	0.0025 J
Lead	5	0.13	0.25	0.079	0.43	2.3
Slenium	1	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U
Silver	5	<0.0030 U	0.0022 J	<0.0030 U	<0.0030 U	<0.0030 U
Mercury, TCLP						
Mercury, TCLP	0.2	0.00051	0.00083	<0.00020 U	0.0015	NA
Corrosivity						
pH	≤2 or ≥12	NA	NA	8.11	7.94	NA
Reactivity, Cyanide						
Reactivity, Cyanide	NC	NA	NA	<10 U	55	NA
Reactivity, Sulfide						
Reactivity, Sulfide	NC	NA	NA	<10 U	<10 U	NA
Flashpoint						
Flashpoint	NC	>176.0	>176.0	>176.0	>176.0	NA
Halogens, Extractable Organic						
Halogens, Extractable Organic	NC	<61 U	<56 U	<11 UJ	10 J	NA

mg/L - Milligrams per liter
bgs - Below ground surface
J - Estimated value
NA - Not analyzed
NC - No criterion
TCLP - Toxicity characteristic leaching procedure
U - Not detected above the laboratory reporting limit.
UB - Qualified as non-detect
UJ - Estimated detection limit

Table 10
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Groundwater for Metals and Cyanide

CLIENT ID:		NS-MW-WG-1	NS-MW-WG-1	NS-MW-WG-2	NS-MW-WG-2	NS-MW-WG-3	NS-MW-WG-3	NS-MW-WG-4	NS-MW-WG-4	NS-MW-WG-5	NS-MW-WG-5	NS-MW-WG-6	NS-MW-WG-6
LAB ID:		480-25511-1	480-25511-1	480-25511-2	480-25511-2	480-25581-1	480-25581-1	480-25511-3	480-25511-3	480-25511-4	480-25511-4	480-25511-5	480-25511-5
COLLECTION DATE:		9/21/12	9/21/12	9/21/12	9/21/12	9/24/12	9/24/12	9/21/12	9/21/12	9/20/12	9/20/12	9/21/12	9/21/12
SAMPLE MATRIX:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
SAMPLE PREPARATION:		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
UNITS:		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
METALS AND CYANIDE	Class GA Value (µg/L)	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Aluminum	NC	<200 U	<200 U	150 J	<200 U	190 J	<200 U	72 J	<200 U	250	<140 UB	16,000	<200 U
Antimony	3.0	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Arsenic	25	7.8 J	<10 U	7.4 J	<10 U	6.4 J	<10 U	<10 U	<10 U	<10 U	<10 U	19	<10 U
Barium	1,000	190	150 J	500	470 J	380	320	210	210 J	150	120 J	500	79 J
Beryllium	3.0	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	0.96 J	<2.0 U
Cadmium	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	1.1	<1.0 U
Calcium	NC	160,000	150,000	180,000	170,000	170,000	170,000 J	120,000	110,000	150,000	150,000	110,000	86,000
Chromium	50	<4.0 U	<4.0 U	1.2 J	<4.0 U	2.6 J	<4.0 U	<4.0 U	<4.0 U	<4.0 U	<4.0 U	26	<4.0 U
Cobalt	NC	<4.0 U	<4.0 U	1.2 J	1.3 J	2.9 J	2.8 J	<4.0 U	<4.0 U	<4.0 U	<4.0 U	16	2.4 J
Copper	200	<10 U	<10 U	8.6 J	<10 U	19	3.9 J	<10 U	<10 U	<10 U	<10 U	120	12
Cyanide	200	<10 UJ	<10 UJ	<10 UJ	6.2 J	<10 U	<10 U	<10 UJ	<10 UJ	<10 UJ	<10 UJ	5.1 J	6.0 J
Iron	300 (1)	8,100	2,100	3,000	130	5,200	<41 UB	1,700	<50 U	4,100	130	17,000	<22 UB
Lead	25	<5.0 U	<5.0 U	11	<5.0 U	55	<5.0 U	<5.0 U	<5.0 U	4.2 J	<5.0 U	210	<5.0 U
Magnesium	35,000	9,700	9,300	22,000	22,000	28,000	28,000 J	23,000	22,000	20,000	20,000	44,000	39,000
Manganese	300 (1)	530	540	880	970	880	870 J	290	280	500	530	630	290
Mercury	0.7	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	1.4	<20 U
Nickel	100	14	13	2.4 J	1.7 J	11	8.0 J	<10 U	<10 U	1.6 J	<10 U	40	7.4 J
Potassium	NC	25,000	24,000	28,000	27,000	28,000	27,000 J	27,000	26,000	28,000	27,000	53,000	50,000
Selenium	10	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U
Silver	50	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U
Sodium	20,000	75,000	74,000	110,000	110,000	110,000	110,000 J	140,000	140,000	87,000	88,000	390,000	390,000
Thallium	0.5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Vanadium	NC	2.1 J	2.0 J	3.9 J	3.6 J	5.6	<5.0 U	1.7 J	2.0 J	2.7 J	1.6 J	33	5.4
Zinc	2,000	40	24	75	61	240	<170 UB	16	<7.1 UB	100	14	480	31

µg/L - Micrograms per Liter

J - Estimated value

NC - No criterion

U - Non-detect

UB - Qualified as non-detect

UJ - Estimated detection limit

(1) The Class GA Value for the sum of iron and manganese is 500 µg/L

Shading indicates result above Class GA Value.

Table 10
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Groundwater for Metals and Cyanide

CLIENT ID:		NS-MW-WG-7	NS-MW-WG-7	DEP-MW-WG-8	DEP-MW-WG-8	DEP-MW-WG-9	DEP-MW-WG-9	NS-MW-WG-10	NS-MW-WG-10	DEP-MW-WG-11	DEP-MW-WG-11	DEP-MW-WG-12	DEP-MW-WG-12
LAB ID:		480-25511-6	480-25511-6	480-25511-7	480-25511-7	480-25511-8	480-25511-8	480-25581-2	480-25581-2	480-25511-9	480-25511-9	480-25511-10	480-25511-10
COLLECTION DATE:		9/21/12	9/21/12	9/20/12	9/20/12	9/20/12	9/20/12	9/24/12	9/24/12	9/21/12	9/21/12	9/21/12	9/21/12
SAMPLE MATRIX:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
SAMPLE PREPARATION:		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
UNITS:		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
METALS AND CYANIDE	Class GA Value (µg/L)	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Aluminum	NC	1,100	<200 U	190 J	<200 U	94 J	<200 U	<200 U	<200 U	250	<60 UB	<200 U	<200 U
Antimony	3.0	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Arsenic	25	7.5 J	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Barium	1,000	140	40 J	92	63 J	210	140 J	330	190 J	25	21	280	280 J
Beryllium	3.0	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U
Cadmium	5.0	<1.0 U	<1.0 U	1.2	<1.0 U	0.56 J	<1.0 U	<1.0 U	<1.0 U	1.0	<1.0 U	1.1	0.92 J
Calcium	NC	100,000	62,000	31,000	30,000	140,000	140,000	100,000	100,000 J	14,000	14,000	180,000	160,000
Chromium	50	3.4 J	1.0 J	1.3 J	1.1 J	<4.0 U	<4.0 U	<4.0 U	<4.0 U	1.2 J	<4.0 U	<4.0 U	<4.0 U
Cobalt	NC	6.5	2.9 J	0.71 J	0.74 J	<4.0 U	<4.0 U	<4.0 U	<4.0 U	<4.0 U	<4.0 U	1.1 J	0.82 J
Copper	200	9.3 J	2.3 J	3.5 J	<10 U	<10 U	<10 U	<10 U	<10 U	13	4.8 J	9.7 J	7.0 J
Cyanide	200	<10 UJ	<10 UJ	<10 UJ	<10 UJ	12 J	12 J	<10 U	<10 U	<10 UJ	<10 UJ	<10 UJ	<10 UJ
Iron	300 (1)	5,400	<96 UB	2,300	<37 UB	4,100	<50 U	18,000	120	1,100	520	1,400	110
Lead	25	31	<5.0 U	5.5	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	8.9	<5.0 U	<5.0 U	<5.0 U
Magnesium	35,000	30,000	47,000	10,000	10,000	12,000	12,000	43,000	43,000 J	1,100	990	16,000	16,000
Manganese	300 (1)	570	380	710	700	410	400	740	690 J	35	32	420	420
Mercury	0.7	0.26	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U
Nickel	100	73	19	2.2 J	<10 U	1.8 J	<10 U	<10 U	<10 U	1.6 J	<10 U	4.6 J	4.0 J
Potassium	NC	42,000	50,000	35,000	35,000	22,000	21,000	34,000	34,000 J	12,000	12,000	14,000	13,000
Selenium	10	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U	<15 U
Silver	50	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U	<3.0 U
Sodium	20,000	280,000	480,000	190,000	190,000	110,000	110,000	270,000	260,000 J	10,000	10,000	140,000	140,000
Thallium	0.5	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U	<20 U
Vanadium	NC	4.6 J	3.2 J	4.3 J	2.9 J	3.0 J	2.0 J	3.9 J	<5.0 U	2.2 J	2.6 J	1.5 J	<5.0 U
Zinc	2,000	340	20	52	<7.4 UB	42	<7.4 UB	3.6 J	<3.4 UB	71	17	550	500

µg/L - Micrograms per Liter

J - Estimated value

NC - No criterion

U - Non-detect

UB - Qualified as non-detect

UJ - Estimated detection limit

(1) The Class GA Value for the sum of iron and manganese is 500 µg/L

Shading indicates result above Class GA Value.

Table 11
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Groundwater for VOCs

CLIENT ID:		NS-MW-WG-1	NS-MW-WG-2	NS-MW-WG-3	NS-MW-WG-4	NS-MW-WG-5	NS-MW-WG-6	NS-MW-WG-7	DEP-MW-WG-8	DEP-MW-WG-9	NS-MW-WG-10	DEP-MW-WG-11	DEP-MW-WG-12	Trip Blank	Trip Blank
LAB ID:		480-25511-1	480-25511-2	480-25581-1	480-25511-3	480-25511-4	480-25511-5	480-25511-6	480-25511-7	480-25511-8	480-25581-2	480-25511-9	480-25511-10	480-25511-11	480-25581-3
COLLECTION DATE:		9/21/12	9/21/12	9/24/12	9/21/12	9/20/12	9/21/12	9/21/12	9/20/12	9/20/12	9/24/12	9/21/12	9/21/12	9/21/12	9/24/12
SAMPLE MATRIX:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
UNITS:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOLATILE ORGANIC COMPOUNDS (VOCs)	Class GA Value (µg/L)	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
1,1,1-Trichloroethane (TCA)	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2,2-Tetrachloroethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2-Trichloroethane	1.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon)	5.0	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<2.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
1,1-Dichloroethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,1-Dichloroethene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2,4-Trichlorobenzene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dibromo-3-chloropropane	0.04	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dibromoethane	0.0006	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichlorobenzene	3.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichloroethane	0.6	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-Dichloropropane	1.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,3-Dichlorobenzene	3.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,4-Dichlorobenzene	3.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
2-Hexanone	50	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<10 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
2-Butanone (MEK)	50	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<20 U	<10 U	<10 U	<10 U	<10 U
4-Methyl-2-pentanone	NC	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U	<10 U	<5.0 U	<5.0 U	<5.0 U	<5.0 U
Acetone	50	<10 U	<10 U	<10 U	<10 U	<10 U	4.7 J	3.1 J	<10 U	<10 U	<20 U	4.2 J	<10 U	<10 U	<10 U
Benzene	1.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Bromodichloromethane	50	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Bromoform	50	<1.0 U	<1.0 U	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 UJ	<1.0 U	<1.0 U	<1.0 U	<1.0 UJ
Bromomethane	5.0	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<2.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
Carbon Disulfide	60	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<2.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
Carbon Tetrachloride	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chlorobenzene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Dibromochloromethane	50	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chloroethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chloroform	7.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Chloromethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
cis-1,2-Dichloroethene	5.0	9.3	<1.0 U	1.1	<1.0 U	<1.0 U	<1.0 U	13	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
cis-1,3-Dichloropropene	0.4 (1)	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Cyclohexane	NC	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ	<2.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
Dichlorodifluoromethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Ethylbenzene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Isopropylbenzene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Methyl acetate	NC	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Methyl tert-butyl ether (MTBE)	10	0.92 J	2.2	1.5	0.56 J	0.34 J	<1.0 U	1.7	<1.0 U	<1.0 U	2.8	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Methylcyclohexane	NC	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Methylene chloride	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	0.85 J	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Styrene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Tetrachloroethene (PCE)	5.0	2.3	<1.0 U	1.1	<1.0 U	<1.0 U	15	110 D	0.46 J	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Toluene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
trans-1,2-Dichloroethene	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
trans-1,3-Dichloropropene	0.4 (1)	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Trichloroethene (TCE)	5.0	0.49 J	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	29	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Trichlorofluoromethane	5.0	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Vinyl Chloride	2.0	33	<1.0 U	<1.0 U	0.98 J	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U	<2.0 U	<1.0 U	<1.0 U	<1.0 U	<1.0 U
Xylene (Total)	NC (2)	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U	<4.0 U	<2.0 U	<2.0 U	<2.0 U	<2.0 U

µg/L - Micrograms per Liter
D - Result taken from secondary dilution
J - Estimated value
NC - No criterion
U - Non-detect
UJ - Estimated detection limit
(1) 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene
(2) There is no Standard or Guidance Value for total xylenes. The Standard for o-xylene, m-xylene, and p-xylene is 5 µg/L.
Shading indicates result above Class GA Value

Table 12
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Groundwater for SVOCs

CLIENT ID:		NS-MW-WG-1	NS-MW-WG-2	NS-MW-WG-3	NS-MW-WG-4	NS-MW-WG-5	NS-MW-WG-6	NS-MW-WG-7	DEP-MW-WG-8	DEP-MW-WG-9	NS-MW-WG-10	DEP-MW-WG-11	DEP-MW-WG-12
LAB ID:		480-25511-1	480-25511-2	480-25581-1	480-25511-3	480-25511-4	480-25511-5	480-25511-6	480-25511-7	480-25511-8	480-25581-2	480-25511-9	480-25511-10
COLLECTION DATE:		9/21/12	9/21/12	9/24/12	9/21/12	9/20/12	9/21/12	9/21/12	9/20/12	9/20/12	9/24/12	9/21/12	9/21/12
SAMPLE MATRIX:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
UNITS:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)	Class GA Value (µg/L)	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Biphenyl	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Bis(2-chloroisopropyl)ether	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,4,5-Trichlorophenol	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,4,6-Trichlorophenol	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,4-Dichlorophenol	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,4-Dimethylphenol	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,4-Dinitrophenol	10	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
2,4-Dinitrotoluene	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2,6-Dinitrotoluene	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2-Chloronaphthalene	10	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2-Chlorophenol	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2-Methylnaphthalene	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2-Methylphenol (o-cresol)	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
2-Nitroaniline	5.0	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
2-Nitrophenol	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
3,3'-Dichlorobenzidine	5.0	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	<4.8 U	<4.8 U
3-Nitroaniline	5.0	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
4,6-Dinitro-2-methylphenol	NC	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<4.8 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
4-Bromophenyl phenyl ether	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
4-Chloro-3-methylphenol	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
4-Chloroaniline	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
4-Chlorophenyl phenyl ether	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
4-Methylphenol	NC	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
4-Nitroaniline	5.0	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
4-Nitrophenol	NC	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
Acenaphthene	20	<4.8 U	<4.8 U	<4.7 U	0.54 J	0.97 J	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Acenaphthylene	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Acetophenone	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Anthracene	50	<4.8 U	<4.8 U	0.41 J	<4.8 U	<4.8 U	<4.8 U	0.29 J	<4.8 U	<4.7 U	<4.8 U	0.89 J	<4.8 U
Atrazine	7.5	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Benzaldehyde	NC	<4.8 U	<4.8 U	0.36 J	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Benzo[a]anthracene	0.002	<4.8 UJ	<4.8 UJ	1.2 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	0.86 J	<4.8 UJ	<4.7 U	<4.8 U	0.79 J	<4.8 U
Benzo[a]pyrene	>ND	<4.8 UJ	<4.8 UJ	1.0 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	0.74 J	<4.8 UJ	<4.7 U	<4.8 U	0.88 J	<4.8 U
Benzo[b]fluoranthene	0.002	<4.8 UJ	<4.8 UJ	1.2 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	0.83 J	<4.8 UJ	<4.7 U	<4.8 U	1.2 J	<4.8 U
Benzo[g,h,i]perylene	NC	<4.8 UJ	<4.8 UJ	0.60 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	0.46 J	<4.8 UJ	<4.7 U	<4.8 U	0.63 J	<4.8 U
Benzo[k]fluoranthene	0.002	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Bis(2-chloroethoxy)methane	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Bis(2-chloroethyl)ether	1.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Bis(2-ethylhexyl) phthalate	5.0	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Butyl benzyl phthalate	50	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Caprolactam	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Carbazole	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Chrysene	0.002	<4.8 UJ	<4.8 UJ	1.1 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	0.88 J	<4.8 UJ	<4.7 U	<4.8 U	1.2 J	<4.8 U
Di-n-butyl phthalate	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Di-n-octyl phthalate	50	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<3.0 UB	1.0 J	<4.8 U	<4.8 U
Dibenz(a,h)anthracene	NC	<4.8 UJ	<4.8 UJ	<4.7 U	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Dibenzofuran	NC	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
Diethyl phthalate	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Dimethyl phthalate	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Fluoranthene	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Fluorene	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Hexachlorobenzene	0.04	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Hexachlorobutadiene	0.5	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Hexachlorocyclopentadiene	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Hexachloroethane	5.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Indeno[1,2,3-cd]pyrene	0.002	<4.8 UJ	<4.8 UJ	0.51 J	<4.8 UJ	<4.8 UJ	<4.8 UJ	<4.8 U	<4.8 UJ	<4.7 U	<4.8 U	0.55 J	<4.8 U
Isophorone	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
N-Nitrosodi-n-propylamine	NC	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
N-Nitrosodiphenylamine	50	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Naphthalene	10	<4.8 U	<4.8 U	0.78 J	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Nitrobenzene	0.4	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Pentachlorophenol	1.0	<9.5 U	<9.7 U	<9.5 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.6 U	<9.5 U	<9.5 U	<9.5 U	<9.6 U
Phenanthrene	50	<4.8 U	<4.8 U	2.1 J	<4.8 U	0.70 J	<4.8 U	1.3 J	<4.8 U	<4.7 U	<4.8 U	0.93 J	<4.8 U
Phenol	1.0	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.8 U	<4.7 U	<4.8 U	<4.8 U	<4.8 U
Pyrene	50	<4.8 U	<4.8 U	1.9 J	<4.8 U	0.36 J	0.37 J	1.3 J	<4.8 U	<4.7 U	<4.8 U	1.7 J	<4.8 U

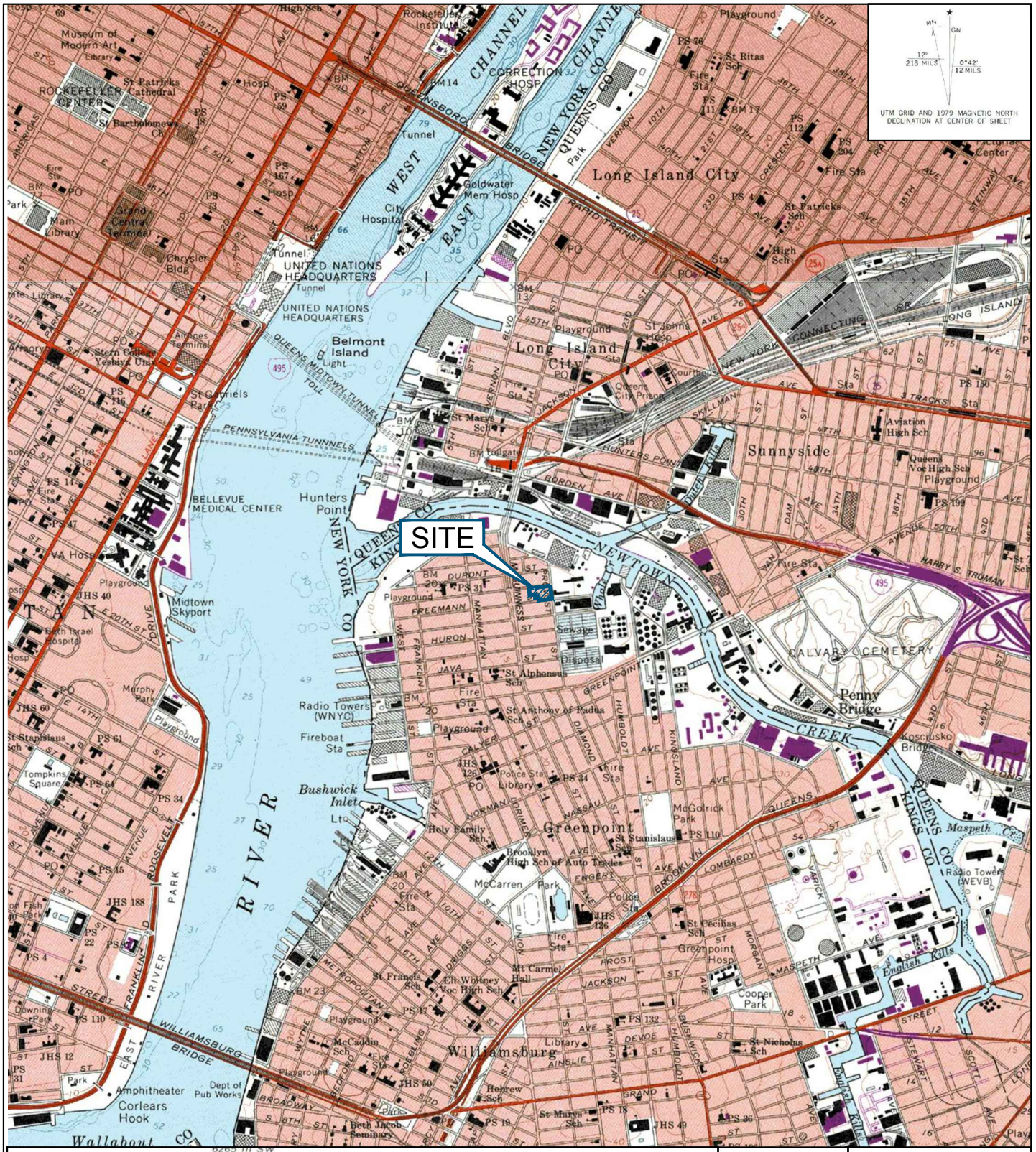
µg/L - Micrograms per Liter
J - Estimated value
NC - No criterion
U - Not detected above the laboratory reporting limit.
UB - Qualified as non-detect
UJ - Estimated detection limit
>ND - Class GA Value is any detected concentration.
Shading indicates result above Class GA Value

Table 13
New York State Department of Environmental Conservation
Former Ney Smelting and Refining Co.
Block 2506, Lots 19, 23, 27, 30, 36 and 139
Brooklyn, NY
Summary of Results of Analysis of Groundwater for PCBs

CLIENT ID:		NS-MW-WG-1	NS-MW-WG-2	NS-MW-WG-3	NS-MW-WG-4	NS-MW-WG-5	NS-MW-WG-6	NS-MW-WG-7	DEP-MW-WG-8	DEP-MW-WG-9	NS-MW-WG-10	DEP-MW-WG-11	DEP-MW-WG-12
LAB ID:		480-25511-1	480-25511-2	480-25581-1	480-25511-3	480-25511-4	480-25511-5	480-25511-6	480-25511-7	480-25511-8	480-25581-2	480-25511-9	480-25511-10
COLLECTION DATE:		9/21/12	9/21/12	9/24/12	9/21/12	9/20/12	9/21/12	9/21/12	9/20/12	9/20/12	9/24/12	9/21/12	9/21/12
SAMPLE MATRIX:		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
SAMPLE UNITS:		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
POLYCHLORINATED BIPHENYLS (PCBs)	Class GA Value (µg/L)	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Aroclor 1016	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1221	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1232	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1242	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1248	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1254	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1260	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1262	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Aroclor 1268	NC	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U
Total PCBs	0.09	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U	<0.50 U	<0.48 U	<0.48 U	<0.47 U	<0.48 U	<0.48 U	<0.48 U

µg/L - Micrograms per Liter
NC - No criterion
U - Non-detect

FIGURES



Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 1 – Site Location Plan.dwg – Date\Time: Fri, 14 Dec 2012 – 10:14am – User Name: hdelgado – Layout Tab: LAYOUT1

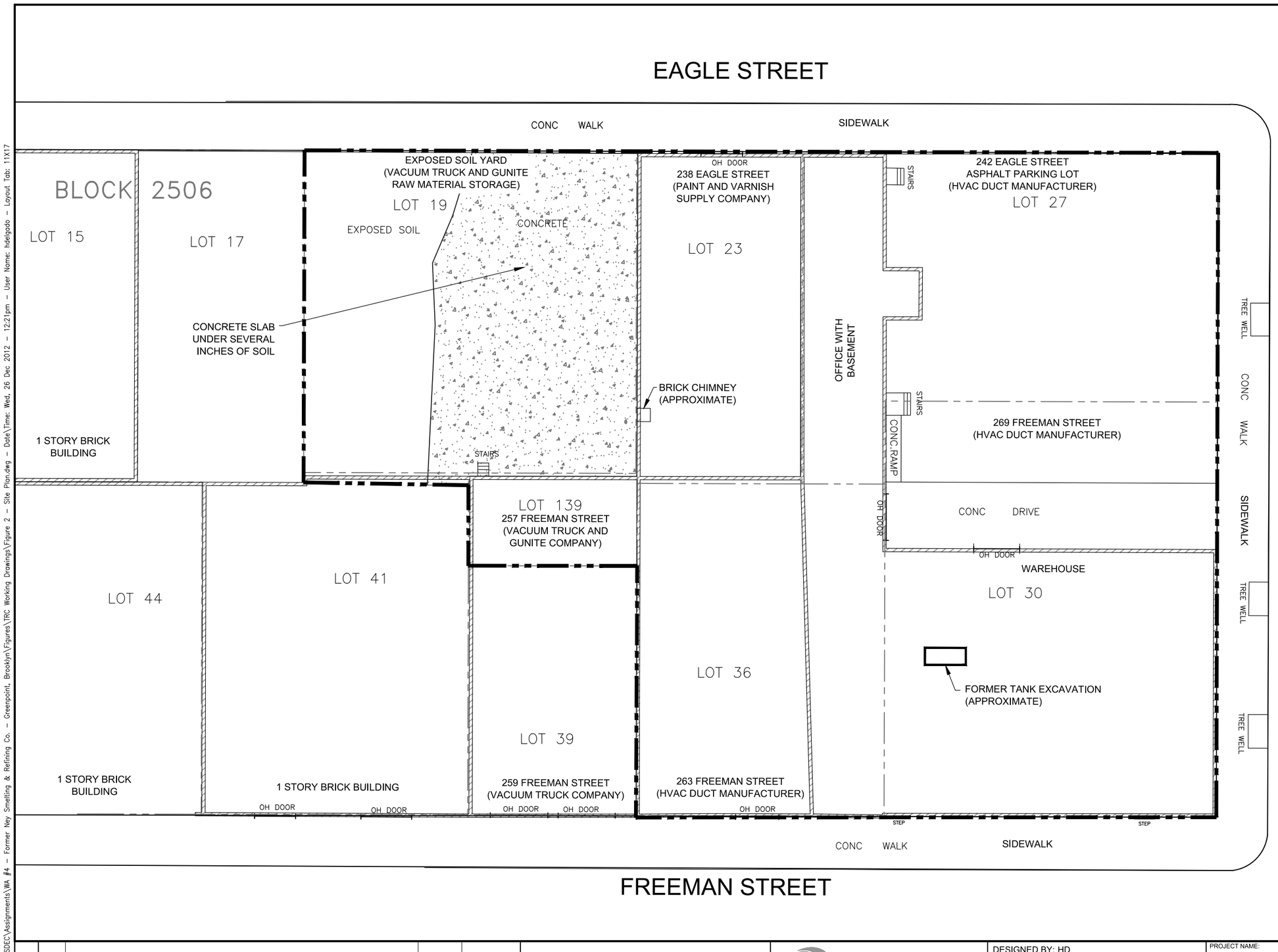
TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SITE LOCATION PLAN

FIGURE
1



LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

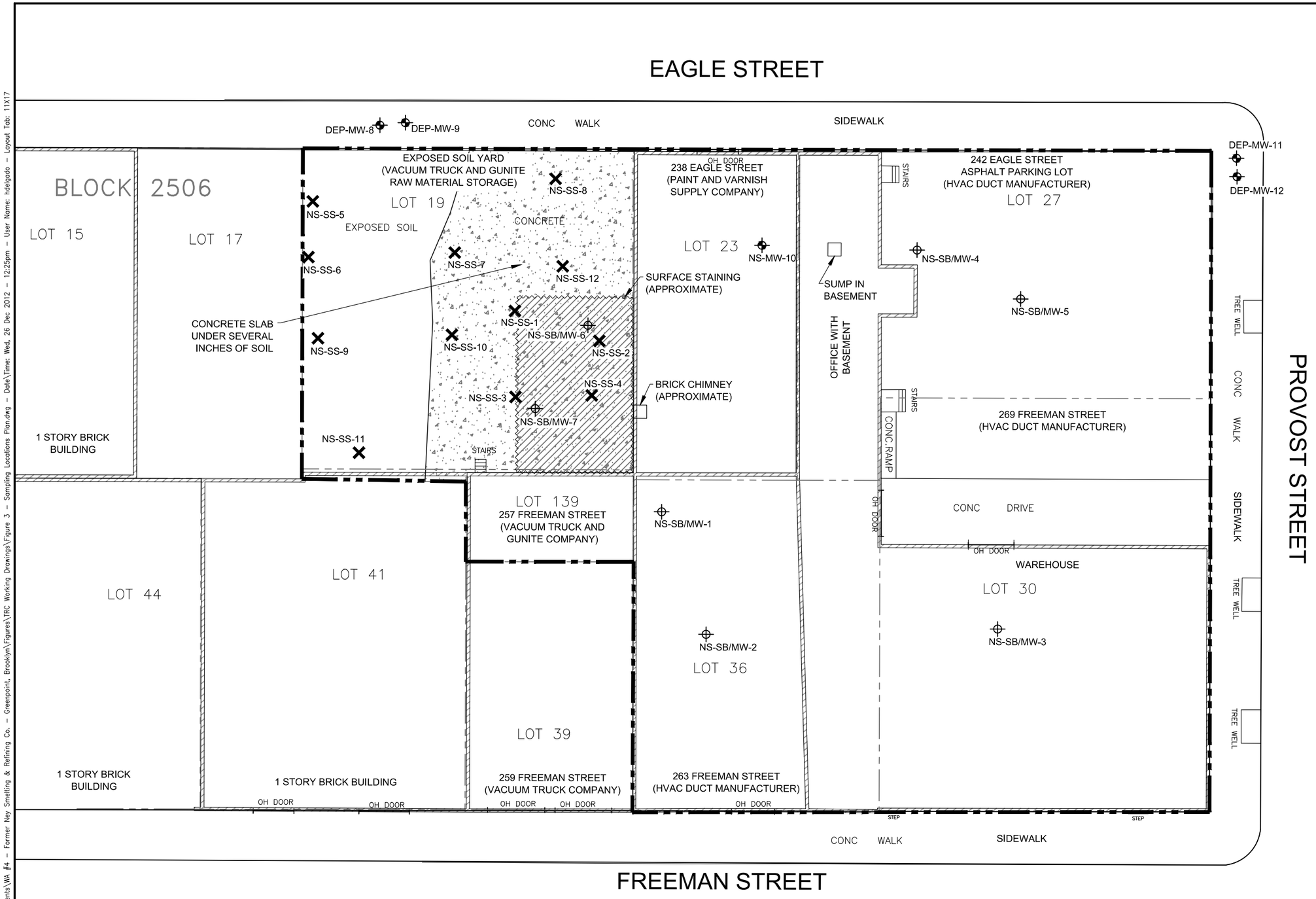
DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SITE PLAN

FIGURE
2

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 - Former Ney Smelting & Refining Co. - Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 2 - Site Plan.dwg - Date\Time: Wed, 26 Dec 2012 - 12:21pm - User Name: hdelgado - Layout Tab: 11X17



LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- DEP-MW-X — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- NS-SS-X — SURFACE SOIL SAMPLE LOCATION AND IDENTIFICATION NUMBER
- NS-SB/MW-X — DIRECT PUSH SOIL BORING AND GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SAMPLING LOCATIONS PLAN

FIGURE
3

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 3 – Sampling Locations Plan.dwg – Date\Time: Wed, 26 Dec 2012 – 12:25pm – User Name: hdelgado – Layout Tab: 11X17

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 4 – GW Surface Elevation Contour Plan – September 20, 2012.dwg – Date\Time: Wed, 26 Dec 2012 – 12:26pm – User Name: hdelgado – Layout Tab: 11X17

EAGLE STREET

DEP-MW-8 (EL. 0.80')
DEP-MW-9 EL. 3.51'
CONC WALK
SIDEWALK
DEP-MW-11 (EL. 0.67')
DEP-MW-12 EL. 1.38'

BLOCK 2506

LOT 15

LOT 17

EXPOSED SOIL YARD (VACUUM TRUCK AND GUNITE RAW MATERIAL STORAGE)

LOT 137

NS-SS-5

EXPOSED SOIL

NS-SS-6

NS-SS-7

NS-SS-8

CONCRETE

NS-SS-12

3.00

2.50

2.00

1.50

SURFACE STAINING (APPROXIMATE)

CONCRETE SLAB UNDER SEVERAL INCHES OF SOIL

NS-SS-9

NS-SS-10

NS-SS-1

NS-SB/MW-6 EL. 3.17'

NS-SS-2

NS-SS-4

NS-SS-3

NS-SB/MW-7 EL. 3.49'

BRICK CHIMNEY (APPROXIMATE)

NS-SS-11

STAIRS

1 STORY BRICK BUILDING

OH DOOR
238 EAGLE STREET (PAINT AND VARNISH SUPPLY COMPANY)

LOT 23

NS-MW-10 EL. 1.85'

SUMP IN BASEMENT

OFFICE WITH BASEMENT

STAIRS
242 EAGLE STREET ASPHALT PARKING LOT (HVAC DUCT MANUFACTURER)

LOT 27

NS-SB/MW-4 EL. 1.39'

NS-SB/MW-5 EL. 1.39'

TREE WELL

CONC WALK

STAIRS

CONC. RAMP

269 FREEMAN STREET (HVAC DUCT MANUFACTURER)

OH DOOR

CONC DRIVE

OH DOOR

WAREHOUSE

LOT 30

NS-SB/MW-3 EL. 1.38'

SIDEWALK

TREE WELL

TREE WELL

PROVOST STREET

LOT 139
257 FREEMAN STREET (VACUUM TRUCK AND GUNITE COMPANY)

NS-SB/MW-1 EL.1.60'

LOT 44

LOT 41

NS-SB/MW-2 EL. 1.44'

LOT 36

LOT 39

1 STORY BRICK BUILDING

1 STORY BRICK BUILDING

259 FREEMAN STREET (VACUUM TRUCK COMPANY)

263 FREEMAN STREET (HVAC DUCT MANUFACTURER)

OH DOOR OH DOOR OH DOOR OH DOOR OH DOOR

STEP STEP

CONC WALK

SIDEWALK

FREEMAN STREET

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- DEP-MW-X — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- NS-SS-X — SURFACE SOIL SAMPLE LOCATION AND IDENTIFICATION NUMBER
- NS-SB/MW-X — DIRECT PUSH SOIL BORING AND GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- 3.20 — GROUNDWATER SURFACE ELEVATION CONTOUR (IN FEET, NAVD 1988)
- EL. 1.39' — GROUNDWATER SURFACE ELEVATION (TYP.)

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
3. ELEVATIONS IN PARENTHESIS WERE NOT USED IN GENERATING CONTOURS.
4. MONITORING WELLS DEP-MW-8 AND DEP-MW-11 ARE NOT SCREENED ACROSS THE GROUNDWATER INTERFACE.

REVISIONS			
NO.	DESCRIPTION	BY	DATE

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
GROUNDWATER SURFACE ELEVATION CONTOUR PLAN
SEPTEMBER 20, 2012

FIGURE
4

EAGLE STREET

CONCRETE SLAB UNDER SEVERAL INCHES OF SOIL

DEP-MW-8 DEP-MW-9

CONC WALK

SIDEWALK

EXPOSED SOIL YARD (VACUUM TRUCK AND GUNITE RAW MATERIAL STORAGE)

LOT 19

EXPOSED SOIL

CONCRETE

NS-SS-5 NS-SS-6 NS-SS-7 NS-SS-8 NS-SS-9 NS-SS-10 NS-SS-11 NS-SS-12 NS-SB/MW-6 NS-SS-1 NS-SS-2 NS-SS-3 NS-SS-4 NS-SB/MW-7

STAIRS

BRICK CHIMNEY (APPROXIMATE)

OH DOOR

238 EAGLE STREET (PAINT AND VARNISH SUPPLY COMPANY)

SURFACE STAINING (APPROXIMATE)

LOT 23

NS-MW-10

OFFICE WITH BASEMENT

SUMP IN BASEMENT

STAIRS

242 EAGLE STREET ASPHALT PARKING LOT (HVAC DUCT MANUFACTURER)

LOT 27

DEP-MW-11 DEP-MW-12

NS-SB/MW-4 NS-SB/MW-5

269 FREEMAN STREET (HVAC DUCT MANUFACTURER)

CONC.RAMP

STAIRS

WALK

LOT 139

257 FREEMAN STREET (VACUUM TRUCK AND GUNITE COMPANY)

NS-SB/MW-1

LOT 41

259 FREEMAN STREET (VACUUM TRUCK COMPANY)

NS-SB/MW-2

LOT 36

1 STORY BRICK BUILDING

1 STORY BRICK BUILDING

263 FREEMAN STREET (HVAC DUCT MANUFACTURER)

OH DOOR

STEP

CONC WALK

SIDEWALK

DR

OH DOOR

WAREHOUSE

LOT 30

TREE WELL

NS-SB/MW-3

SAMPLE DEPTH IN FEET BELOW SURFACE (TYP.)

STEP

FREEMAN STREET

PROVOST STREET

NS-SS-5

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Cadmium	60	7.5	**9.3**
Lead	3,900	450	**540**
Mercury	5.7	0.73	**6.3 J**
Silver	6,800	8.3	**49**

NS-SS-7

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Chromium	800	19	**28**
Mercury	5.7	0.73	**2.1 J**

NS-SS-6

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Chromium	800	19	29
Mercury	5.7	0.73	**2.4 J**

NS-SS-9

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	5.7	0.73	**1.5 J**

NS-SS-10

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Mercury	5.7	0.73	**0.77 J**

NS-SB/MW-1 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic	16	16	**24**
Chromium	800	19	**21**
Lead	3,900	450	**1,400**

NS-SB/MW-1 (10-11.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic	16	16	**28**
Chromium	800	19	**20**
Mercury	5.7	0.73	**1.1 J**

NS-SB/MW-2 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Barium	10,000	820	**950 J**
Chromium	800	19	**20**
Mercury	5.7	0.73	**2.0 J**

NS-SB/MW-2 (10-11)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Lead	3,900	450	**1,900**
Mercury	5.7	0.73	**3.9 J**

NS-SB/MW-7 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic	16	16	**17**
Barium	10,000	820	**1,300 J**

NS-SB/MW-4 (0.5-2.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Cadmium	60	7.5	**27**

NS-SB/MW-5 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic	16	16	**62**
Cadmium	60	7.5	**110**
Chromium	800	19	**28**
Lead	3,900	450	**3,500**
Mercury	5.7	0.73	**7.7 J**
Selenium	6,800	4.0	**7.5**
Zinc	10,000	2,480	**6,900**

NS-SB/MW-5 (7.5-9.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Cadmium	60	7.5	**14**
Lead	3,900	450	**490**

NS-SB/MW-7 (8-10)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Lead	3,900	450	**13,000**
Mercury	5.7	0.73	**4.2 J**
Nickel	10,000	130	**630**
Selenium	6,800	4.0	**5.7**

NS-SB/MW-3 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
Metals	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic	16	16	**17**
Cadmium	60	7.5	**9.4**
Chromium	800	19	**31 J**
Lead	3,900	450	**1,600**
Mercury	5.7	0.73	**1.1 J**
Nickel	10,000	130	**330 J**

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- DEP-MW-X — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- NS-SS-X — SURFACE SOIL SAMPLE LOCATION AND IDENTIFICATION NUMBER
- NS-SB/MW-X — DIRECT PUSH SOIL BORING AND GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- mg/kg — MIILLIGRAMS PER KILOGRAMS
- J — ESTIMATED CONCENTRATION
- SCO — SOIL CLEANUP OBJECTIVE

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
3. ONLY RESULTS ABOVE COMPARISON CRITERIA ARE SHOWN.
4. THE MORE STRINGENT SCOs (FOR HEXAVALENT) WERE USED FOR SCREENING TOTAL CHROMIUM RESULTS.

INFERRED GROUNDWATER FLOW DIRECTION

REVISIONS

NO.	DESCRIPTION	BY	DATE

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SUMMARY OF RESULTS OF ANALYSIS OF SOIL FOR METALS AND CYANIDE

FIGURE
5

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 5 – Summary of Results of Analyses of Soil for Metals and Cyanide.dwg – Date\Time: Wed, 26 Dec 2012 – 12:58pm – User Name: hdelgado – Layout Tab

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 6 – Summary of Results of Analyses of Soil for SVOCs.dwg – Date\Time: Wed, 26 Dec 2012 – 12:44pm – User Name: hdelgado – Layout Tab: 11X17

EAGLE STREET

FREEMAN STREET

PROVOST STREET

CONCRETE SLAB UNDER SEVERAL INCHES OF SOIL

DEP-MW-8 DEP-MW-9

CONC WALK

SIDEWALK

EXPOSED SOIL YARD (VACUUM TRUCK AND GUNITE RAW MATERIAL STORAGE)

LOT 19

EXPOSED SOIL

CONCRETE

NS-SS-5 NS-SS-6 NS-SS-7 NS-SS-8 NS-SS-9 NS-SS-10 NS-SS-11 NS-SS-12

NS-SB/MW-6 NS-SB/MW-7 NS-SS-1 NS-SS-2 NS-SS-3 NS-SS-4

STAIRS

BLOCK 2506

LOT 15

LOT 17

OH DOOR

238 EAGLE STREET (PAINT AND VARNISH SUPPLY COMPANY)

SURFACE STAINING (APPROXIMATE)

OFFICE WITH BASEMENT

SUMP IN BASEMENT

STAIRS

NS-MW-10

LOT 23

BRICK CHIMNEY (APPROXIMATE)

242 EAGLE STREET ASPHALT PARKING LOT (HVAC DUCT MANUFACTURER)

LOT 27

DEP-MW-11 DEP-MW-12

NS-SB/MW-4

NS-SB/MW-5

269 FREEMAN STREET (HVAC DUCT MANUFACTURER

WALK

TREE WELL

LOT 139

257 FREEMAN STREET (VACUUM TRUCK AND GUNITE COMPANY)

NS-SB/MW-1

LOT 41

LOT 44

259 FREEMAN STREET (VACUUM TRUCK COMPANY)

NS-SB/MW-2

LOT 36

1 STORY BRICK BUILDING

1 STORY BRICK BUILDING

263 FREEMAN STREET (HVAC DUCT MANUFACTURER)

LOT 30

NS-SB/MW-3

SAMPLE DEPTH IN FEET BELOW SURFACE (TYP.)

DR DOOR

TREE WELL

OH DOOR OH DOOR OH DOOR OH DOOR

STEP

CONC WALK

SIDEWALK

INFERRED GROUNDWATER FLOW DIRECTION

NS-SS-6

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.2**
Benzo[a]pyrene	1.1	22	**1.2**
Chrysene	110	1.0	**1.6**

NS-SS-9

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.7 J**
Benzo[a]pyrene	1.1	22	**1.8 J**
Benzo[k]fluoranthene	110	1.7	**1.9**
Chrysene	110	1.0	**2.1**

NS-SB/MW-1 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**17**
Benzo[a]pyrene	1.1	22	**17**
Benzo[b]fluoranthene	11	1.7	**20**
Benzo[k]fluoranthene	110	1.7	**10**
Chrysene	110	1.0	**17**

NS-SB/MW-1 (10-11.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.9**
Benzo[a]pyrene	1.1	22	**1.8**
Benzo[b]fluoranthene	11	1.7	**2.4**
Chrysene	110	1.0	**1.8**

NS-SB/MW-2 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.6 J**
Benzo[a]pyrene	1.1	22	**1.5 J**
Benzo[b]fluoranthene	11	1.7	**1.8 J**
Chrysene	110	1.0	**1.5 J**

NS-SB/MW-6 (0.5-2.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.6 J**
Benzo[a]pyrene	1.1	22	**1.6 J**
Benzo[b]fluoranthene	11	1.7	**1.8 J**
Chrysene	110	1.0	**1.8 J**

NS-SB/MW-6 (10-11)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**7.4**
Benzo[a]pyrene	1.1	22	**7.1**
Benzo[b]fluoranthene	11	1.7	**7.7**
Benzo[k]fluoranthene	110	1.7	**4.1**
Chrysene	110	1.0	**6.8**

NS-SB/MW-7 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.4**
Benzo[a]pyrene	1.1	22	**1.3**
Chrysene	110	1.0	**1.4**

NS-SB/MW-7 (8-10)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**15**
Benzo[a]pyrene	1.1	22	**16**
Benzo[b]fluoranthene	11	1.7	**18**
Benzo[k]fluoranthene	110	1.7	**7.8**
Chrysene	110	1.0	**14**

NS-SB/MW-4 (0.5-2.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.6 J**
Benzo[a]pyrene	1.1	22	**1.5 J**
Chrysene	110	1.0	**1.5 J**

NS-SB/MW-4 (10-11.5)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**1.5 J**
Benzo[a]pyrene	1.1	22	**1.5 J**
Benzo[b]fluoranthene	11	1.7	**1.8 J**
Chrysene	110	1.0	**1.6 J**

NS-SB/MW-5 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**31**
Benzo[a]pyrene	1.1	22	**28**
Benzo[b]fluoranthene	11	1.7	**33**
Benzo[k]fluoranthene	110	1.7	**17**
Chrysene	110	1.0	**33**

NS-SB/MW-3 (1-3)

CONSTITUENT	INDUSTRIAL USE SCO	PROTECTION OF GROUNDWATER SCO	CONCENTRATION
SVOCs	(mg/kg)	(mg/kg)	(mg/kg)
Benzo[a]anthracene	11	1.0	**81**
Benzo[a]pyrene	1.1	22	**78**
Benzo[b]fluoranthene	11	1.7	**86**
Benzo[k]fluoranthene	110	1.7	**40**
Chrysene	110	1.0	**80**
Dibenz(a,h)anthracene	1.1	1000	**9.5 J**
Indeno[1,2,3-cd]pyrene	11	8.2	**28**
Naphthalene	1,000	12	**16 J**

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- DEP-MW-X — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- NS-SS-X — SURFACE SOIL SAMPLE LOCATION AND IDENTIFICATION NUMBER
- NS-SB/MW-X — DIRECT PUSH SOIL BORING AND GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- mg/kg — MIILLIGRAMS PER KILOGRAMS
- J — ESTIMATED CONCENTRATION
- SCO — SOIL CLEANUP OBJECTIVE

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
3. ONLY RESULTS ABOVE COMPARISON CRITERIA ARE SHOWN.

REVISIONS

NO.	DESCRIPTION	BY	DATE

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC

1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
CHECKED BY: MS
DATE: DECEMBER 2012
SCALE: AS SHOWN
PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SUMMARY OF RESULTS OF ANALYSIS OF SOIL FOR SVOCs

FIGURE
6

EAGLE STREET

DEP-MW-8 DEP-MW-9 CONC WALK SIDEWALK DEP-MW-11 DEP-MW-12

BLOCK 2506

LOT 15 LOT 17 LOT 19 LOT 23 LOT 27

EXPOSED SOIL YARD
(VACUUM TRUCK AND GUNITE
RAW MATERIAL STORAGE)

EXPOSED SOIL

CONCRETE

NS-SS-5 NS-SS-6 NS-SS-7 NS-SS-8 NS-SS-9 NS-SS-10 NS-SS-11 NS-SS-12

CONCRETE SLAB
UNDER SEVERAL
INCHES OF SOIL

238 EAGLE STREET
(PAINT AND VARNISH
SUPPLY COMPANY)

SURFACE STAINING
(APPROXIMATE)

OH DOOR

NS-MW-10 NS-SB/MW-4 NS-SB/MW-5 NS-SB/MW-6 NS-SB/MW-7

SUMP IN
BASEMENT

OFFICE WITH
BASEMENT

242 EAGLE STREET
ASPHALT PARKING LOT
(HVAC DUCT MANUFACTURER)

TREE WELL

CONC WALK

SIDEWALK

STAIRS

CONC.RAMP

269 FREEMAN STREET
(HVAC DUCT MANUFACTURER)

BRICK CHIMNEY
(APPROXIMATE)

LOT 139
257 FREEMAN STREET
(VACUUM TRUCK AND
GUNITE COMPANY)

NS-SB/MW-1

DRIVE

OH DOOR

WAREHOUSE

LOT 30

LOT 41

LOT 36

NS-SB/MW-2

LOT 39

1 STORY BRICK
BUILDING

1 STORY BRICK BUILDING

259 FREEMAN STREET
(VACUUM TRUCK COMPANY)

263 FREEMAN STREET
(HVAC DUCT MANUFACTURER)

OH DOOR OH DOOR OH DOOR OH DOOR OH DOOR

STEP STEP

CONC WALK SIDEWALK

FREEMAN STREET

PROVOST STREET

NS-SB/MW-6			
CONSTITUENT	CLASS GA VALUE	CONCENTRATION	
VOCs	(µg/L)	(µg/L)	
Tetrachloroethene (PCE)	5.0	15	
Metals	(µg/L)	Unfiltered (µg/L)	Filtered (µg/L)
Lead	25	210	<5.0 U
Mercury	0.7	1.4	<20 U

NS-SB/MW-7			
CONSTITUENT	CLASS GA VALUE	CONCENTRATION	
VOCs	(µg/L)	(µg/L)	
cis-1,2-Dichloroethene	5.0	13	
Tetrachloroethene (PCE)	5.0	110 D	
Trichloroethene (TCE)	5.0	29	
SVOCs	(µg/L)	(µg/L)	
Benzo[a]anthracene	0.002	0.86 J	
Benzo[a]pyrene	>ND	0.74 J	
Benzo[b]fluoranthene	0.002	0.83 J	
Chrysene	0.002	0.88 J	
Metals	(µg/L)	Unfiltered (µg/L)	Filtered (µg/L)
Lead	25	31	<5.0 U

NS-SB/MW-1		
CONSTITUENT	CLASS GA VALUE	CONCENTRATION
VOCs	(µg/L)	(µg/L)
cis-1,2-Dichloroethene	5.0	9.3
Vinyl Chloride	2.0	33

DEP-MW-11		
CONSTITUENT	CLASS GA VALUE	CONCENTRATION
SVOCs	(µg/L)	(µg/L)
Benzo[a]anthracene	0.002	0.79 J
Benzo[a]pyrene	>ND	0.88 J
Benzo[b]fluoranthene	0.002	1.2 J
Chrysene	0.002	1.2 J
Indeno[1,2,3-cd]pyrene	0.002	0.55 J

NS-SB/MW-3			
CONSTITUENT	CLASS GA VALUE	CONCENTRATION	
SVOCs	(µg/L)	(µg/L)	
Benzo[a]anthracene	0.002	1.2 J	
Benzo[a]pyrene	>ND	1.0 J	
Benzo[b]fluoranthene	0.002	1.2 J	
Chrysene	0.002	1.1 J	
Indeno[1,2,3-cd]pyrene	0.002	0.51 J	
Metals	(µg/L)	Unfiltered (µg/L)	Filtered (µg/L)
Lead	25	55	<5.0 U

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- DEP-MW-X — EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- NS-SS-X — SURFACE SOIL SAMPLE LOCATION AND IDENTIFICATION NUMBER
- NS-SB/MW-X — DIRECT PUSH SOIL BORING AND GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
- µg/L — MICROGRAMS PER LITER
- J — ESTIMATED CONCENTRATION

NOTES:

1. SOURCE: "FORMER NEY SMELTING AND REFINING SITE SURVEY" BY YEC, INC. DATED NOVEMBER 2012.
2. DIMENSIONS AND LOCATIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
3. ONLY RESULTS ABOVE THE CLASS GA VALUES ARE SHOWN. RESULTS FOR NATURALLY OCCURRING IRON, MAGNESIUM, MANGANESE, AND SODIUM ARE NOT SHOWN.

INFERRED GROUNDWATER FLOW DIRECTION

REVISIONS				
NO.	DESCRIPTION	BY	DATE	

0 30 60 FT.

APPROXIMATE SCALE: 1"=30'

PAPER SIZE: 11" x 17"

TRC
1430 BROADWAY, 10TH FLOOR
NEW YORK, NEW YORK 10018
212-221-7822

DESIGNED BY: HD
DRAWN BY: HD
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DATE: DECEMBER 2012
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PROJECT NUMBER: 194300.0000.0000

PROJECT NAME:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER NEY SMELTING & REFINING COMPANY
269 FREEMAN STREET, BROOKLYN, NEW YORK 11222

DRAWING TITLE:
SUMMARY OF RESULTS OF ANALYSES OF GROUNDWATER

FIGURE 7

Path\Name: I:\Projects\NYSDEC\Assignments\WA #4 – Former Ney Smelting & Refining Co. – Greenpoint, Brooklyn\Figures\TRC Working Drawings\Figure 7 – Summary of Results of Analyses of GW.dwg – Date\Time: Wed, 26 Dec 2012 – 12:46pm – User Name: hdelgado – Layout Tab: 11X17

APPENDIX A
PRIOR REPORTS, AERIAL PHOTOGRAPHS, & NEW YORK CITY ZONING MAP

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

BLOCK 2506, LOTS 19, 23, 27, 30, & 139
NEY SMELTING AND REFINING CO. INC.
269 FREEMAN STREET
BROOKLYN, NEW YORK

Report Prepared For:

Ney Smelting and Refining Co. Inc.

Report Prepared by:

RTP Environmental Associates, Inc.
239 U.S. Highway 22 East
Green Brook, New Jersey 08812

January 3, 2005

RECEIVED
OCT 18 2006
NYS DEC REGION 2
DIV. OF ENVIRONMENTAL REMEDIATION

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This Phase I Environmental Site Assessment Report was prepared by the following professionals on January 3, 2005:

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Principal
QEP No. 10940118

Steven Olivetti
Project Manager

Omar K. Minnicks
Environmental Engineer

Phase I Environmental Site Assessment Report
Ney Smelting and Refining Company Inc.
269 Freeman Street
Brooklyn, New York

This report presents the results of a Phase I Environmental Site Assessment (Phase I Study) of a developed parcel of land in Manhattan, New York. Based on information from the New York City Automated City Register Information System, the subject property is located on Block 2506, Lots 19, 23, 27, 30 & 139. RTP has performed this Phase I Study in conformance with the scope of services described in Section 2.0 of this report. This study included regulatory contacts, a review of reasonably ascertainable documentation regarding the property, and a physical site reconnaissance. Our summary of findings is based on our inspection of the subject property and surrounding properties, as well as on data that we have currently received from outside sources, as of the date of this report.

Summary findings from Phase I Study are:

- The subject property consists of a parking lot in its northeast corner (Yard), a dirt yard in its northwest corner (Back Yard), and a building in the rest of the site. The building is a combination of five formerly separate buildings, which had past addresses at 257 Freeman Street (257 Freeman), 263 Freeman Street (263 Freeman), 269 Freeman Street (269 Freeman), 238 Eagle Street (238 Eagle), and 242 Eagle Street (242 Eagle).

- The 269 Freeman Street section of the building is located in the building's southeast corner. This area of the site consisted of offices and a kitchen in the southern part of the area with the rest of the area in a warehouse like setting. One of the offices in the main office area had water-stained fiberglass pipe wrap near an HVAC unit. East of the main office area was the entrance to the building and additional offices. One of these additional offices had several boxes of office material, cabinets, the natural gas inlet to the building, a hole in the floor, and suspect mold on ceiling tile. The warehouse area had areas that contained boxes of files, drums of sawdust and metal, pallets of what appeared to be solid waste, a dumpster of metal waste, oxygen tanks, several what appeared to be tanks shrink-wrapped for shipment, and a collapsed sprinkler line. In the north-central portion of the warehouse were rusted drums of solder joints wrapped for shipment, the area of a former welder, bags of solid sulfur, and drums and pallets of metal pipes. Along the western wall of the room was the zinc smelting area, which had holders and two melting machines. Mr. Mayer informed RTP that an underground storage tank is located near the main office area. He stated that the fill port was cut off from the tank and that there is a return in the building that was used to measure the product in the tank. He informed RTP that the tank has been at the site for approximately 40 years and was a fuel oil tank that could be converted to gasoline usage. There is, reportedly, still oil in the tank.

- The 263 Freeman Street section of the building is located immediately west of the 269 Freeman Street section of the building. This portion of the building is an open warehouse that contains a smelter in the middle of the area, a locker and break rooms in the southeast corner of the area, garage doors in the northeast corner and along the southern wall of the area, and two 275 gallon fuel oil tanks along the western wall of the area. The fuel oil tanks were used to heat the smelter. This portion of the subject building had drums of metal tailing and other metallic objects, drums of head dross, a battery, electrical and natural gas connections to the building, containers of enamel and oil, machines that handled melted metal, steel posts, and other materials associated with the former operation of the site. There was no evidence of leaking in the area of the battery. An oil stain over cracked concrete was also discovered in this area of the site. The area in the vicinity of the smelter was wet because the smelter was being power washed. This area included a small sump that contained the smelter as well as the surrounding floor.

- The 242 Eagle Street section of the building is located immediately north of the 263 Freeman Street section of the building. This portion of the building has a first floor and basement. The first floor had several bags of ground ceramic with silicate, drums of metal on palettes wrapped for shipment, drums of hydraulic oil, and holes in the floor. Above the holes in the floor are sections of the corrugated metal ceiling falling apart revealing the older, wooden ceiling. A flammable storage cabinet is also located in this area, and it contained gasoline cans and a gasoline odor. The basement of this area has an air compressor, drain surrounded by what appears to be a sump or berm, what appears to be a tub or sump next to a pump, and two tanks with pumps. In the area of one of the tanks is a sump that is surrounded by an oil stained floor. This sump is severely corroded with water in the drain of the sump.

- The 257 Freeman Street section of the building is located immediately west of the 263 Freeman Street section of the building. A garage door is located on the northern wall of this area. The area contains drums of metal, bags of ground ceramic with silicate, pails of aluminum soldering flux, machines associated with the smelting process, and an oil stain over cracked concrete.

- The 238 Eagle Street section of the building is located immediately west of the 242 Eagle Street section of the building. This area is an open warehouse with shelving on the eastern side of the area and machinery on the western side of the area. This machinery includes a dust collector and grinder in the southwest portion of the area and rollers with their associated pumps and electrical equipment taking up the rest of the western side of the area. Additional machinery is located in the northeast corner of the area. Water was on the floor from the power washing of the smelter in the 263 Freeman Street section of the building. Hardened tar is located along the walls appearing to have come down from the roof.

- The Back Yard section of the subject property is located immediately west of the 238 Eagle Street section of the building. In the southeast and northwest corners of this section of the property was oil staining under a truck. The staining was on sand that was over a concrete pad that covered that part of the site. Also in the northwest corner of this area was a machine axle, backhoe bucket, metal storage chests, a portable engine, storage containers, a pile of sand, and a pile of pipes in sand. Near the entrance to this section of the property was a dumpster that contained construction debris over a pile of debris. The company that used this part of the site, Entech, Inc., used the dumpster as a place to dump out the contents of their vacuum trucks. A worker for Entech, Inc. stated that the vacuum trucks were used to clean out sewage catch basins in the City of New York. The contents of these vacuum trucks may contain hazardous substances. Additional staining over soil was located in the western portion of the site in the vicinity of a dumpster that contained trash.

- The Yard section of the subject property is at the corner of Eagle and Provost Streets. It is immediately east of the 242 Eagle Street section of the building. Along the western wall of this area were several rusted drums and an iron pot. In the north-central portion of this area were several metal containers. The parking lot may have settled under the weight of these containers in such a way that water stays under these containers when it rains instead of draining away from the site. In the southern portion of the area were two large iron pots. Immediately northeast of this area were two monitoring wells in the sidewalk.

- Mr. Fred Miller of Entech, Inc. informed RTP of two additional monitoring wells located immediately north of the Back Yard. He stated that the monitoring wells were installed by the sewage treatment plant approximately two years ago and that officials at the sewage treatment plant informed Entech, Inc. that the monitoring wells were "clean". Mr. Miller attempted to obtain more information from sewage treatment plant officials regarding the monitoring wells but was unable to do so.

- According to Ron Mayer, Nye Smelting took ownership of the property in 1982. The previous owner was Reliable Machine Company. Nye Smelting's operations at the facility consisted of the smelting of lead, tin, and zinc. These operations ceased in 2003.

- The 1887 Sanborn Fire Insurance Map shows that the northern portion of the site has a barrel storage facility and a 3 story building that is used for carpet cleaning and a process involving naphtha. The 1942 Sanborn Fire Insurance Map shows paint spraying operations in the northern half of the Reliable Machine Co. facility located at the site. The 1965 Sanborn Fire Insurance Map shows that in the Reliable Machine Works facility, the paint spraying operation was moved from the northern half of the facility to the southern half of the facility.

- The New York City Building Department website records show fuel oil applications for the site in 1956 and 1988. The 1956 application was not on file with the Department of Buildings. The 1988 application was for the portion of the site located at 263 Freeman Street. The application shows that two 275 gallon fuel oil tanks were located on steel legs in the corner of the building adjacent to the current tanks. These tanks were for two oil-fired burners that were located in the current location of the smelter.

- North of the subject property is Eagle Street, Newtown Creek, several light industrial and commercial businesses, the Motiva Enterprises LLC Brooklyn Terminal, Diamond Asphalt Corp., truck repair shops, an automobile repair shop, residences, and an iron works business. The Brooklyn Terminal consists of several large aboveground storage tanks that are surrounded by dikes. The Shell gasoline company operates from this facility. East of the subject property is Provost Street and the construction of a wastewater treatment plant. On the property of the treatment plant is an air stripper that is most likely being used for the treatment of contaminated groundwater. South of the subject property is Freeman Street, several light industrial and commercial businesses, several auto repair shops, a limousine repair shop, a recycling facility, a scrap metal business with three monitoring wells at the property, and residences. West of the subject property are several light industrial and commercial businesses, McGuinness Blvd., Aviation Industrial Chemicals, Tri-Borough Motorcycle repair shop, Harry Brainum Jr. steel fabrication shop, Amoco service station, and a residential area.

- The EDR database report lists:

    - Four CORRACTS sites located within 1.0 mile of the subject property.
    - Three RCRIS LQG sites, twelve RCRIS SQG sites, and one orphan RCRIS SQG site located within 0.25 miles of the subject property.
    - The subject property in the FINDS and TRIS databases.
    - One FTTS INSP site located within 0.13 miles of the subject property. This site is the subject property.
    - Two SHWS site located within 1.0 mile of the subject property.
    - Twenty-six LTANKS sites located within 0.5 miles of the subject property.
    - Nine UST sites located within 0.25 miles of the subject property.
    - Three CBS UST and two CBS AST sites located within 0.25 miles of the subject property.
    - Three MOSF UST and five MOSF AST sites located within 0.5 miles of the subject property.
    - Twelve SWF/LF sites located within 0.5 miles of the subject property.
    - One SWRCY site located within 0.5 miles of the subject property.
    - Sixteen NY Spills sites located within 0.13 miles of the subject property.
    - One former Coal Gas site located within 1.0 mile of the subject property.
    - None of these sites are sites of concern.

Conclusions:

RTP concludes, based on the site reconnaissance, agency visits, and file reviews, that:

- The potential Recognized Environmental Conditions include naphtha (Yard) and spray painting operations (263 Freeman and 238 Eagle) at the site based on a review of the Sanborn Fire Insurance Maps, a 550 gallon UST under the building floor (269 Freeman), oil staining over cracked concrete in two locations in the building (257 Freeman and 263 Freeman), a severely corroded sump surrounded by oil staining, oil staining on soil (basement of 242 Eagle), a dumpster used to deposit possible contaminated materials from sewage catch basins (Yard), and monitoring wells bordering the site.

- Additional areas of environmental concern include ceiling tile mold and water stained pipe wrap in the office area of the building (269 Freeman).

Recommendations:

RTP concludes that additional sampling needs to take place to address all of the potential RECs except for the naphtha process identified in the 1887 Sanborn Fire Insurance Map, the 550 gallon UST and monitoring wells. Although several of the RECs mentioned above were inside the building, sampling under the floor is possible with the use of a concrete coring drill or rock drill. Although several of the cases in the EDR report involving the sewage treatment plant and oil refineries in the area have been closed, a possibility may exist that historical practices at these facilities may have impacted groundwater under the subject property. In addition, the oil surrounding the sump and the condition of the sump in the basement of the 242 Eagle section of the building is indicative of groundwater possibly being impacted by oil and other chemicals via the sump. So any sampling that takes place at the subject property should involve groundwater sampling. The soil that was impacted in the Back Yard section, whether sample results indicate an issue or not, should be removed because of the visible contamination. All of the soil over the concrete should be removed and soil should be removed off of the surface of the rest of the area until no visible or olfactory evidence of oil staining is present. The concrete should be inspected once the soil is removed for cracks and fissures and areas of staining to see if the oil staining had the potential to seep into the subsurface.

RTP conducted additional research into the use of naphtha, based on the information obtained from the 1887 Sanborn Fire Insurance Map and discovered that it can be used in cleaning agents. Since the business of concern also cleaned carpets, a safe assumption can be made that the naphtha used at this business was in cleaning chemicals.

The 550 gallon UST should be tank tested and, if it passes the tank test, be abandoned in place. If the UST fails the tank test or a tank test can not be performed on the UST, then soil samples need to be taken in the immediate vicinity of the UST when it is abandoned in place. If these samples reveal soil contamination or observations of the tank during the abandonment process

reveal free product entering the environment, then the tank will have to be removed. RTP is in the process of obtaining information about the monitoring wells surrounding the site. If information can not be obtained then the monitoring wells should be sampled.

The two areas of environmental concern should be addressed by removing the pipe wrap and ceiling tiles of concern. An investigation should be conducted to determine the source of the moisture that caused the water damage and mold.

If any additional issues are found, after our completion of this Phase I Environmental Site Assessment Report, RTP will provide a letter addendum to this report.

1.0 INTRODUCTION

RTP Environmental Associates, Inc. (RTP) was requested by Verizon Wireless to perform a Phase I Environmental Site Assessment (ESA) of a developed parcel of land in Brooklyn, New York. Based on information from the New York City Automated City Register Information System (ACRIS), the subject property is located at Block 2506, Lots 19, 23, 27, 30 & 139. This report presents the findings of RTP's ESA at the subject property, as of the date of this report.

The purpose of the Phase I Study was to review past and present land use practices, site operations, site conditions, and nearby off-site land uses to evaluate the potential for soil and/or groundwater contamination at the site. The Phase I Study includes a preliminary assessment of the potential for soil and/or groundwater contamination resulting from past and present site land use, and nearby off-site operations, based on the scope of services described below.

The findings of this Phase I Study reflect site conditions as they existed at the time of the site reconnaissance. The likelihood of hazardous material contamination resulting from known uses, past or present, of the site and adjacent properties is addressed in later sections.

2.0 PROJECT SCOPE

The scope of work for the ESA conducted at the subject property included the compilation and review of available information on historic and present site usage, and preparation of a report describing the results of this assessment. The scope of work outlined herein is intended to provide an evaluation of the potential for issues of concern related to hazardous materials and wastes at the subject property in general accordance with the American Society for Testing Materials (ASTM) 1527-00, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."

TASK 1 - Acquisition and Review of Data on the Historical Uses of the Site

RTP collected and reviewed available historic information regarding the subject property and properties within its vicinity. The information collected involved contacting state and local agencies, and reviewing available historical topographic maps and aerial photographs.

TASK 2 - Environmental Database Review

RTP reviewed database listings, provided by Environmental Data Resources, Inc. (EDR), of federal and state environmental regulatory agencies. These database listings identify areas of environmental

concern, investigations involving hazardous material and/or wastes, and underground storage tank (UST) registration.

TASK 3 - Site Reconnaissance and Vicinity Survey

RTP conducted a visual site reconnaissance of the subject property on November 10, 2004 to identify potential onsite sources that may create a recognized environmental condition. This included looking for indications of the presence of underground storage tanks, hazardous materials, stored waste, and illegally dumped waste. RTP also visually surveyed surrounding properties.

TASK 4 - Contact State and Local Regulatory Agencies

RTP contacted state and local agencies seeking information regarding areas of potential environmental concern at the subject property.

TASK 5 - Data Analysis and Reporting of Results

RTP prepared this ESA to document the findings of the site reconnaissance, agency contacts, historical review, and regulatory review. This report includes the following sections:

- Site location and description;
- Past and present site usage;
- Site conditions including known or suspicious hazardous materials;
- Surrounding land uses;
- Regulatory review;
- Preliminary evaluation of environmental conditions; and
- Conclusions

Physical sampling of any soils and/or groundwater of the subject property was not conducted in this phase.

This report has been prepared for the exclusive use of Verizon Wireless and its architect. RTP represents that, within the limitations of the agreed upon scope of work, this work has been undertaken and performed in a professional manner, in accordance with generally accepted practice. RTP used the degree of skill and care exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied, is made. The results in this report are subject to the available information reviewed at the time the work was performed and subject to further revision.

This ESA follows the ASTM Standard Guide for Environmental Assessments (ASTM E 1527-00).

The information contained herein was obtained from interviews, regulatory contacts, and onsite observations. Conclusions are based on readily available and obtainable information. This is not to imply, however, that RTP has obtained all of the information that exists which may be pertinent to the site. The intent of this study was to identify recognized environmental conditions which would be obvious to a professional. The study was not intended to represent an exhaustive search of all potential hazards which may exist. Certain hazard potential reported herein may require a more detailed comprehensive study to further characterize the extent of any pollutant and the financial implications of any further studies.

3.0 PROPERTY LOCATION AND DESCRIPTION

3.1 Site Location

The subject property is located at 269 Freeman Street in Brooklyn, New York. Appendix A shows the general vicinity of the subject property and is taken from the United States Geological Survey 15 Minute Quadrangle Brooklyn and 7.5 Minute Quadrangle Brooklyn.

3.2 Site Description

The subject property consists of a parking lot in its northeast corner (Yard), a dirt yard in its northwest corner (Back Yard), and a building in the rest of the site. The building is a combination of five formerly separate buildings, which had past addresses at 257 Freeman Street (257 Freeman), 263 Freeman Street (263 Freeman), 269 Freeman Street (269 Freeman), 238 Eagle Street (238 Eagle), and 242 Eagle Street (242 Eagle).

The subject building has fluorescent lighting throughout the building. The 269 Freeman section of the building contains offices which are either carpeted or contain 12"x12" floor tile, and have 2'x4' drop-in ceiling tile. The foyer in this area has linoleum flooring. A bathroom is located in this area with the ceiling and a part of the wall composed of wallboard, and the floor and a portion of the wall consisting of 2"x2" ceramic floor tile. A kitchen located in this area is of similar construction as the offices except it has a concrete floor. The warehouse area of the 257 Freeman, 263 Freeman and 269 Freeman sections of the building consist of a concrete floor and cinder block walls. A locker room area in the 263 Freeman section of the building is composed of a wooden ceiling, concrete floor, and brick walls. The 242 Eagle section of the building is composed of a corrugated metal ceiling, brick walls, and a concrete floor. The basement of this section of the building is of similar construction as the first floor except for the presence of a concrete ceiling. The 238 Eagle section of the building is comprised of a concrete floor, fluorescent and incandescent lighting, brick walls, and a corrugated metal ceiling.

3.3 Past Property Use

According to Ron Mayer, the site owner, Nye Smelting and Refining Company Inc. (Nye Smelting) took ownership of the property in 1982. The previous owner was Reliable Machine Company. Nye Smelting's operations at the facility consisted of the smelting of lead, tin, and zinc. These operations ceased in 2003. Mr. Mayer stated that his company renovated the buildings at the site by removing the wood framing in the buildings and raising the floor in some areas, such as the 238 Eagle section of the building, approximately 2.5 feet.

Mr. Mayer informed RTP that the area east of the subject property and across Provost St. was once a steel company. The current construction in that area is the expansion of a wastewater treatment plant that was originally located southeast of the subject property. The expansion is also taking place east of the wastewater treatment plant towards a local waterway. The construction started approximately five years ago and reportedly will be completed in 2012. Once the construction is completed the wastewater treatment plant should have the capacity to handle all of the wastewater for the City of New York.

3.4 Site Vicinity

The subject property is located along the western side of Provost St. between Freeman Street and Eagle Street. The following observations were made pertaining to adjacent properties:

North: North of the subject property is Eagle Street, Newtown Creek, several light industrial and commercial businesses, the Motiva Enterprises LLC Brooklyn Terminal, Diamond Asphalt Corp., truck repair shops, an automobile repair shop, residences, and an iron works business. The light industrial and commercial businesses consist of Cinema World, which is most likely a movie studio, Harco Factory Paint Outlet, Warren Elevator Service Company, and a New York City Police Department impound lot. The Brooklyn Terminal consists of several large aboveground storage tanks that are surrounded by dikes. The Shell gasoline company operates from this facility. The Diamond Asphalt Corp. site is in the process of constructing a building at the site.

East: East of the subject property is Provost Street and the construction of a wastewater treatment plant. On the property of the treatment plant is an air stripper that is most likely being used for the treatment of contaminated groundwater.

South: South of the subject property is Freeman Street, several light industrial and commercial businesses, several auto repair shops, a limousine repair shop, a recycling facility, a scrap metal business with three monitoring wells at the property, and residences. The light industrial and commercial businesses consist of the Bill Trading Corp., an industrial wipes, gloves, and paper manufacturer, Bay Crane

Service, and Entech Corp.

West: West of the subject property are several light industrial and commercial businesses, McGuinness Blvd., Aviation Industrial Chemicals, Tri-Borough Motorcycle repair shop, Harry Brainum Jr. steel fabrication shop, Amoco service station, and a residential area. The light industrial and commercial businesses consist of a truck repair shop, Bay Crane Service, and Harry Brainum Jr. sheet steel shop.

4.0 Site History

4.1 Historical Topographic Maps

RTP obtained and reviewed Historical Topographic Maps that are dated 1900, 1947, 1956, 1967, 1979, and 1995 from Environmental Data Resources, Inc. These maps may be found in Appendix A.

1900 Map

The subject property appears to be partially developed with a structure in the southern portion of the site. Immediately east of the site is a street, that is currently named Provost St., traversing the area north-south. Immediately north and south of the site are streets, that are currently named Eagle St. and Freeman St., respectively, traversing the area northeast-southwest. Newtown Creek is located 0.25 miles east of the subject property traversing the area northwest-southeast. It eventually merges with the East River which is located 0.62 miles west of the site. Along Newtown Creek and the East River are several facilities with tanks, probably oil storage and distribution facilities. Most of the area west and southwest of the subject property is a developed, urban area. A railroad yard, probably for the Long Island Railroad, is located 0.18 miles north of the site. Railroad lines head in northeasterly and southeasterly directions from this rail yard.

1947 Map

The southeast corner of the subject property is the only portion of the site that is not developed. East of the site is what appears to be a small complex of buildings, probably an industrial facility. North of the site, across Newtown Creek, are several rail yards and railroad lines.

1956 Map

All of the subject property appears to be developed. The area elevation decreases north and east of the site and increases southwest of the site. North and northwest of the subject property, along Newtown Creek, are oil and gasoline storage and distribution facilities. In addition to the oil storage and distribution facilities located along the East River that were identified in the 1900 map, there are several piers along the East River that most likely house warehouses or industrial facilities. Several

medium-size and large buildings are located along the rail yards and railroad lines identified in the previous map. These buildings are probably industrial facilities. The Queens Midtown Highway is located 0.47 miles north of the site, traversing the area west-southeast.

1967 Map

Southeast of the subject property is a sewage disposal facility with several tanks. Several of the rail yards and railroad lines identified in the 1947 map have been replaced with small and medium-size buildings, probably industrial facilities.

1979 Map

Additional buildings are located at the facilities with tanks located along the East River and Newtown Creek.

1995 Map

No significant changes are noted in this map.

4.2 Historical Aerial Photographs

RTP obtained and reviewed aerial photographs that are dated 1954, 1966, 1975, 1984, and 1994. The 1954, 1966, 1975, and 1984 photographs are scaled at 1"=750', and the 1994 photograph is scaled at 1"=833'. All of these photographs appear to be of relatively good quality except for the 1994 photograph. Objects in this photograph appear in better condition in earlier photographs. These photographs can be found in Appendix B.

1954 Aerial Photograph

The subject property appears to be developed with several connected buildings and a small yard in the northeast portion of the site. Immediately north and south of the site are streets traversing the area southwest-northeast. These streets are currently named Eagle St. and Freeman St., respectively. Immediately east of the site is an additional street that traverses the area northwest-southeast. This street is currently named Provost St. Beyond Provost St. is a complex of small buildings with tanks, probably an industrial facility. South of this facility is what appears to be areas of land disturbance intermixed with parked or abandoned trailers and cars. This area is probably a junkyard. The subject property is located in an area of small buildings that are probably light industrial and industrial facilities. Further west and south of this area are residential neighborhoods. Newtown Creek is located 0.43 miles east of the site traversing the area west-southeast. It is lined with several small and medium building complexes, probably industrial facilities and refineries. Some of these complexes contain tanks. Several rail yards are located across Newtown Creek and north of the site. A bridge is under construction 0.32 miles north-northwest of the subject property. This bridge is currently named the Pulaski Bridge. Several large and medium-sized buildings, probably

warehouses and industrial facilities, are located 0.64 miles southwest of the site. A highway begins 0.46 miles north of the subject property and heads in an easterly direction. This highway is currently called the Long Island Expressway. The East River is located 0.85 miles northwest of the site. It is lined with several piers.

1966 Aerial Photograph

The area that appeared to be a junkyard in the previous photo now appears to be a sewage treatment plant. The small complex of buildings that was located east of Provost St. now contains larger buildings and tanks, and maybe associated with the sewage treatment plant.

1975 Aerial Photograph

It appears that the building(s) located in the northeast corner of the subject property have been removed and a small building is now present in that location. The facilities that lined Newtown Creek have additional buildings. Along the East River, north of the subject property, are several building complexes with tanks, probably industrial facilities.

1984 Aerial Photograph

The small building in the northeast corner of the subject property is no longer present. The facility east of Provost St. appears to be in the process of being dismantled.

1994 Aerial Photograph

It appears that all of the buildings located on the northern half of the subject property in previous photos are no longer present but have been replaced with one building. In addition, it appears that the northwest corner of the site is vacant. The complex of buildings east of Provost St. has been renovated with new buildings replacing some of the older buildings. Less tanks are at the facility located 0.43 miles southeast of the site, which was identified in the 1954 photo.

4.3 Sanborn Fire Insurance Maps

RTP obtained and reviewed Sanborn Fire Insurance Maps dated 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1992, 1993, 1995, and 1996. Some building structures were difficult to determine due to the poor quality of the maps. These maps can be found in Appendix C.

1887 Sanborn Map

The southern portion of the subject property is vacant. The northern portion of the site has a barrel storage facility and a 3 story building that is used for carpet cleaning and a process

involving naphtha. West of the site are residences. North of the site is vacant land and a large lumber yard. East of the site is another lumber yard, a whiting factory, and a refinery with several tanks.

1905 Sanborn Map

The subject property is occupied by J.C. Rouse Cooperage. The southern portion of the site has 3 one story buildings in which one of the buildings is identified as a storage shed. In the middle of the subject property is what appears to be a freon shed. The northeast corner of the site has a laundry and what appears to be a typewriter manufacturer. Immediately north of the subject property is the Richey Brown and Donald Iron Works. Northwest of the site, at the corner of Dupont and Oakland Sts., is the Oakland Chemical Co., which contains several tanks. Two blocks north of the subject property is the U.S. Steel Co./Empire Bridge Co. The rest of the area contains mostly residences and some light industrial facilities.

1916 Sanborn Map

The cooperage, identified in the previous map, is still present at the subject property in addition to a two story building in the northwest portion of the site. The businesses in the northeast corner of the site that were identified in the previous map are no longer present. The area businesses identified in the previous map are no longer present and were replaced with less industrialized businesses.

1942 Sanborn Map

The eastern portion of the subject property is vacant. The western portion of the site contains the Reliable Machine Co., which has paint spraying operations in the northern half of the facility. West of the subject property is a chemical warehouse. The area around the site contains several light industrial companies, including garages. Near the corner of Dupont St. and Oakland Ave. are two auto repair shops. One of these shops has two gasoline tanks.

1951 Sanborn Map

Immediately north of the subject property is an iron and steel manufacturing company and the E.M. Wanderman varnish works.

1965 Sanborn Map

The eastern portion of the subject property has a building that was constructed in 1955. A building that is located in the northeast corner of the site is being used for storage purposes. In the Reliable Machine Works facility, the paint spraying operation was moved from the northern half of the facility to the southern half of the facility. North of the site, along Clay St, is an auto repair shop.

1978 Sanborn Map

The storage facility located in the northeast corner of the subject property is no longer present. A smaller building is located in its place.

1980 Sanborn Map

No significant changes are noted on this map.

1981 Sanborn Map

A auto repair shop is located west of the subject property, along McGuinness Blvd. This shop may have been in previous photos but was not distinguishable.

1982 Sanborn Map

The one story building in the northeast corner of the subject property is no longer present.

1983 Sanborn Map

No significant changes are noted on this map.

1986 Sanborn Map

No significant changes are noted on this map.

1987 Sanborn Map

No significant changes are noted on this map.

1988 Sanborn Map

No significant changes are noted on this map.

1989 Sanborn Map

No significant changes are noted on this map.

1991 Sanborn Map

No significant changes are noted on this map.

1992 Sanborn Map

No significant changes are noted on this map.

1993 Sanborn Map

No significant changes are noted on this map.

1995 Sanborn Map

A two story building in the northwest corner of the subject property is no longer present. An auto repair shop is located on the corner of Dupont St. and McGuiness Blvd.

1996 Sanborn Map

No significant changes are noted on this map.

5.0 AGENCY LISTS AND DATABASE REVIEW

RTP conducted a review of readily available and applicable federal and state regulatory lists and databases of known or potential hazardous waste sites, landfills, and sites currently under investigation for environmental violations. A review of agency lists and databases was obtained from Environmental Data Resources, Inc. (EDR), which maintains and updates information as it is provided by Federal and State agencies. More information on these agency lists and databases is located beginning at page GR-1 in the EDR report. Sometimes, due to poor or inadequate address information, some sites are considered "orphan" sites. Database information concerning the subject property is in bold. Database information concerning neighboring properties is in italics. Sites of concern are sites that could have an environmental impact on the subject property if they contain soil and/or groundwater contamination. The EDR report is provided in Appendix D of this report.

5.1 Federal Databases

The following standard federal databases were reviewed by RTP:

- United States Environmental Protection Agency (USEPA) National Priorities List (NPL);
- USEPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), and No Further Remedial Action Planned (CERCLIS-NFRAP);
- USEPA Resource Conservation and Recovery Act (RCRA) Databases on

Hazardous Waste Treatment, Storage and/or Disposal (TSD) facilities, and Large and Small Hazardous Waste Generators;
- USEPA Corrective Action Report (CORRACTS), and;
- USEPA Emergency Response Notification System (ERNS).

The following supplemental federal database contained information from the EDR report:

- USEPA Facility Index System/Facility Identification Initiative Program Summary Report (FINDS);
- USEPA Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) Tracking System (FTTS INSP), and;
- USEPA Toxic Chemical Release Inventory System (TRIS).

5.1.1 United States Environmental Protection Agency (USEPA) National Priorities List (NPL)

The NPL is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under CERCLA. In order to be included on the NPL, a site must either meet or surpass a predetermined hazardous ranking systems score, be chosen as a state's top priority site, or meet all three of the following criteria: (1) a U.S. Department of Health and Human Services health advisory is issued recommending that people be removed from the site to avoid exposure; (2) the EPA determines that the site presents a significant threat; and (3) the EPA determines that remedial action is more cost-effective than removal action.

A review of the EDR report revealed no NPL sites located within 1.0 mile of the subject property. In addition, no unmapped or orphan NPL sites were identified in the EDR report.

5.1.2 USEPA Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS)

The CERCLIS list is a compilation of the sites which the EPA has investigated or is currently investigating for the release or threatened release of hazardous substances pursuant to CERCLA regulations. CERCLIS may contain sites which are either proposed to be or are in the screening and assessment phase for the potential inclusion on the NPL.

A review of the EDR report revealed no CERCLIS sites located within 0.5 miles of the subject property. In addition, no unmapped or orphan CERCLIS sites were identified in the EDR report.

5.1.3 USEPA Comprehensive Environmental Response Compensation and Liability Information System-No Further Remedial Action Planned (CERCLIS-NFRAP)

The CERCLIS-NFRAP list is a compilation of sites, where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

A review of the EDR report revealed no CERCLIS-NFRAP sites located within 0.25 miles of the subject property. The EDR report, though, did identify one orphan site. This site is not a site of concern because it is in a location that would not likely impact the subject property.

5.1.4 USEPA Resource Conservation and Recovery Act (RCRA) Facilities Database

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA program includes sites that generate, store, treat or dispose of hazardous waste.

A review of the EDR report revealed twelve RCRA small quantity generator (SQG) sites and three RCRA large quantity generator (LQG) sites located within 0.25 miles of the subject property. These sites are not sites of concern because this database indicates that these sites handle hazardous waste. These sites are not recorded as being contaminated but have the potential to be contaminated if the hazardous waste is not handled properly.

In addition, three orphan RCRA SQG sites were identified in the EDR report. One of these sites is located within 0.25 miles of the subject property. This site is not a site of concern because this database indicates that the site handles hazardous waste. This site is not recorded as being contaminated but has the potential to be contaminated if the hazardous waste is not handled properly.

A review of the EDR report revealed no RCRA treatment, storage, or disposal (TSD) sites located within 0.5 miles of the subject property. In addition, no unmapped or orphan RCRA TSD sites were identified in the EDR report.

5.1.5 USEPA Corrective Action Report (CORRACTS)

This database identifies hazardous waste handlers with corrective actions required under RCRA.

A review of the EDR report revealed four CORRACTS sites located within 1.0 mile of the subject property. These sites are not sites of concern because they are in the vicinity of Newtown Creek and/or the East River. Any contamination from these sites will most likely flow towards these

waterways and away from the subject property.

No orphan CORRACTS sites were identified in the EDR report.

5.1.6 USEPA Emergency Response Notification System (ERNS)

The ERNS database records and stores information on reported releases of oil and hazardous substances.

A review of the EDR report revealed the subject property not being listed in the ERNS database. In addition, no unmapped or orphan ERNS sites were identified in the EDR report.

5.1.7 USEPA Facility Index System (FINDS)

This database contains facility information and information from other sources that may contain more detail. This database provides, as a minimum, information concerning permit compliance, information on civil judicial enforcement cases for all environmental statutes, and PCB activity.

A review of the EDR report revealed the subject property being listed in the FINDS database. It is identified as:

Ney Smelting & Refining Company Incorporated, 269 Freeman Street

This is not a concern because this database indicates that the site has air emissions and handles hazardous materials. The site is not recorded as being contaminated but has the potential to be contaminated if the hazardous materials are not handled properly.

No orphan FINDS sites were identified in the EDR report.

5.1.8 USEPA FIFRA/TSCA Tracking System (FTTS INSP)

This database tracks administrative, pesticide enforcement actions, and compliance activities related to FIFRA, TSCA, and the Emergency Planning and Community Right-to-Know Act (EPCRA).

A review of the EDR report revealed one FTTS INSP site located within 0.125 miles of the subject property. This site is located at the subject property and is identified as:

Ney Smelting & Refining Co., Brooklyn

A complaint was issued in November 1994 because the site failed to report information to the

USEPA and the State of New York. This site is not a site of concern because the complaint did not involve contamination of the site.

No orphan FTTS INSP sites were identified in the EDR report.

5.1.9 USEPA Toxic Chemical Release Inventory System (TRIS)

This database identifies facilities which release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III Section 313.

A review of the EDR report revealed the subject property being listed in the TRIS database. It is identified as:

Ney Smelting & Refining Co. Inc., 269 Freeman Street

This site is not a site of concern because this database indicates that the site handles hazardous materials. The site is not recorded as being contaminated but has the potential to be contaminated if the hazardous materials are not handled properly.

No orphan TRIS sites were identified in the EDR report.

5.2 State Databases

The following standard state databases were reviewed by RTP:

- New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Disposal Sites (SHWS);
- NYSDEC Spills Information Database (LTANKS);
- NYSDEC Petroleum Bulk Storage Database (UST/AST);
- NYSDEC Chemical Bulk Storage Database (CBS UST/AST);
- NYSDEC Major Oil Storage Facilities Database (MOSF UST/AST);
- NYSDEC Facility Register (SWF/LF);
- NYSDEC Registered Recycling Facility List (SWRCY);
- NYSDEC Registered Waste Tire Storage and Facility List (SWTIRE), and;
- NYSDEC Voluntary Cleanup Agreements (VCP).

The following supplemental state databases contained information from the EDR report:

- NYSDEC Spills Information Database (NY Spills)

5.2.1 New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Disposal Sites (SHWS)

The NYSDEC's hazardous waste site records are the state's equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by potentially responsible parties.

A review of the EDR report revealed two SHWS sites located within 1.0 mile of the subject property. These sites are not sites of concern because these sites are located across Newtown Creek. Documented free product and groundwater contamination flows into Newtown Creek or a nearby cemetery and away from the subject property.

No orphan SHWS sites were identified in the EDR report.

(Note-All elevations, relative to the subject property, are approximations based on the 1995 map of the United States Geological Survey 7.5 Minute Quadrangle Brooklyn.)

5.2.2 NYSDEC Spills Information Database (LTANKS)

The NYSDEC Spills Information Database maintains an inventory of reported leaking storage tanks from 4/1/86 to the present. The tanks can either be leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures, or tank overfills.

A review of the EDR report revealed twenty-six LTANKS sites located within 0.5 miles of the subject property. These sites are not sites of concern because:

Twelve sites have closed spill dates. This means that the remedial activities at the site have met the requirements of the NYSDEC and no further action was required to remediate the site.

Six sites have tank test failures with no closed spill dates. A tank test failure normally involves pressurizing the UST system with air and discovering a leak that has a flow rate above standards. These tests normally do not involve product leaking from the system or discovery of contaminated media.

One site is crossgradient from the subject property, but the topographic gradient of the area heads away from the subject property. Since regional groundwater flow usually mimics the topographic conditions of the area, groundwater flow is most likely heading away from the subject property.

Seven sites are within the vicinity of Whale Creek, Newtown Creek and/or the East River. Any contamination from these sites will most likely flow towards these waterways and away from the

subject property.

One orphan LTANKS site was identified in the EDR report. This site is not a site of concern because it is in a location that would not likely impact the subject property.

(Note-All elevations, relative to the subject property, are approximations based on the 1995 map of the United States Geological Survey 7.5 Minute Quadrangle Brooklyn.)

5.2.3 NYSDEC Petroleum Bulk Storage Database (USTs/ASTs)

The NYSDEC maintains a database of registered storage tanks in the State of New York that have a capacity between 1,100 gallons and 400,000 gallons. USTs are, in addition, regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA).

A review of the EDR report revealed nine registered UST/AST sites located within 0.25 miles of the subject property. All of these sites had their tanks removed from the site except:

Harco Chemical Coatings Inc., 208 Dupont St., 0 – 0.13 Mi. North-Northwest
Wing Gong Laundry Inc., 240-244 Huron St., 0.13 – 0.25 Mi. South-Southwest
Wing Gong Laundry, 240 Huron St., 0.13 – 0.25 Mi. South-Southwest
Fire Communications/Manhattan, 79th Street Transverse, 0.13 – 0.25 Mi. South-Southwest
Pulaski Service Station, 321 McGuiness Boulevard, 0.13 – 0.25 Mi. South-Southwest
Barmari, Inc., 301 McGuiness Boulevard, 0.13 – 0.25 Mi. South-Southwest
41-55 Provost Co., 41-55 Provost St., 0.13 – 0.25 Mi. South-Southeast
Exxon Company, USA, 320 Freeman St., 0 – 0.13 Mi. East

No orphan UST/AST sites were identified in the EDR report.

5.2.4 NYSDEC Chemical Bulk Storage Database (CBS UST/AST)

The NYSDEC maintains a database of facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

A review of the EDR report revealed three CBS UST sites located within 0.25 miles of the subject property. The following site has tanks that are in service:

Motiva Enterprises LLC, 25 Paidge Avenue, 0.13 – 0.25 Mi. North-Northwest

Note: The other sites are listed as having tanks being temporarily out of service when, according to information obtained fro the EDR report, these sites appear to have no tanks.

A review of the EDR report revealed two CBS AST sites located within 0.25 miles of the subject property. The following site has tanks that are in service:

Motiva Enterprises LLC, 25 Paidge Avenue, 0.13 – 0.25 Mi. North-Northwest

Note: The other site is listed as being active when, according to information obtained from the EDR report, the site appears to have no tanks.

No orphan CBS UST/AST sites were identified in the EDR report.

5.2.5 NYSDEC Major Oil Storage Facilities Database (MOSF UST/AST)

The NYSDEC maintains a database of onshore facilities or vessels with petroleum storage capacities of 400,000 gallons or greater.

A review of the EDR report revealed three MOSF UST sites located within 0.5 miles of the subject property. The following sites have tanks that are in service:

Motiva Enterprises LLC, 25 Paidge Avenue, 0.13 – 0.25 Mi. North-Northwest
Metro Terminals Corp., 498 Kingsland Ave., 0.25 – 0.5 Mi. East-Southeast

Note: The other site is listed as having tanks being temporarily out of service when, according to information obtained from the EDR report, the site appears to have no tanks.

A review of the EDR report revealed five MOSF AST sites located within 0.5 miles of the subject property. The following sites have tanks that are in service:

Motive Enterprises LLC, 25 Paidge Avenue, 0.13 – 0.25 Mi. North-Northwest
Metro Terminals Corp., 498 Kingsland Avenue, 0.25 – 0.5 Mi. East-Southeast

Note: The other sites are listed as having tanks being temporarily out of service or in service when, according to information obtained from the EDR report, these sites appear to have no tanks.

No orphan MOSF UST/AST sites were identified in the EDR report.

5.2.6 NYSDEC Facility Register (SWF/LF)

The NYSDEC contains an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities, or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria

for solid waste landfills or disposal sites.

A review of the EDR report revealed twelve SWF/LF sites located within 0.5 miles of the subject property. These sites are not sites of concern because they are construction and demolition waste processing facilities, transfer stations, or recycling facilities where the chance of any significant amount of contamination occurring is remote.

Three orphan SWF/LF sites were identified in the EDR report. These sites are not sites of concern because they are in a location that would likely not impact the subject property.

5.2.7 NYSDEC Registered Recycling Facility List (SWRCY)

The NYSDEC maintains a database of recycling facilities.

A review of the EDR report revealed one SWRCY site located within 0.5 miles of the subject property. This site is not a site of concern because the site is a paper recycling facility where the chance of any significant amount of contamination occurring is remote.

No orphan SWRCY sites were identified in the EDR report.

5.2.8 NYSDEC Registered Waste Tire Storage and Facility List (SWTIRE)

The NYSDEC maintains a database of waste tire storage facilities.

A review of the EDR report revealed no SWTIRE sites located within 0.5 miles of the subject property. In addition, no unmapped or orphan SWTIRE sites were identified in the EDR report.

5.2.9 NYSDEC Voluntary Cleanup Agreements (VCP)

The NYSDEC maintains a database of sites that use private monies to be remediated to levels allowing for the site's productive use. This program covers virtually any kind of site and contamination.

A review of the EDR report revealed no VCP sites located within 0.5 miles of the subject property. In addition, no unmapped or orphan VCP sites were identified in the EDR report.

5.2.10 NYSDEC Spills Information Database (NY Spills)

The NYSDEC retains databases pertaining to hazardous material incidents, where there is land

contamination, reported to the DEC's Environmental Action Hotline. This is initial notification information and the DEC has not conducted any investigation to determine its validity or accuracy.

A review of the EDR report revealed sixteen NY Spills sites located within 0.13 miles of the subject property. These sites are not sites of concern because:

Fourteen sites have closed spill dates. This means that the remedial activities at the site have met the requirements of the NYSDEC and no further action was required to remediate the site.

Two sites are within the vicinity of Newtown Creek. Any contamination from these sites will most likely flow towards this waterway and away from the subject property.

Seventeen orphan NY Spills sites are identified in the EDR report. These sites are not sites of concern because they are in a location that would likely not impact the subject property.

(Note: All elevations, relative to the subject property, are approximations based on the 1995 map of the United States Geological Survey 7.5 Minute Quadrangle Brooklyn.)

5.3 Proprietary Historical Databases

The Proprietary Historical Databases are a collection of historical listings that contain potential dry cleaner and gas station/filling station/service station sites, and known former manufactured gas (coal gas) sites.

A review of the EDR report revealed one former coal gas facility located within one mile of the subject property. This site is not a site of concern because it is within the vicinity of the East River. Any contamination from this site most likely flows towards the East River and away from the subject property.

A review of the EDR report revealed no historical gas station and dry cleaner sites located within 0.25 miles of the subject property.

5.4 Water Well Information

Water well information can be used to assess sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells. Information regarding the water wells is obtained from available federal and state well information databases. Database information concerning the subject property is in bold. Database information concerning neighboring properties is in italics.

A review of the EDR report revealed twenty-three (23) water wells located within 1.0 mile of the subject property. Four of these wells are located within the immediate vicinity of the subject property, and may affect groundwater flow and contaminant migration at the subject property. These wells are identified as:

K 465.1, 0 – 0.13 Mi. North-Northwest
K 710.1, 0.25 – 0.5 Mi. West-Southwest
K 692.1, 0.25 – 0.5 Mi. West-Northwest
K 2227.1, 0.25 – 0.5 Mi. West-Northwest

5.5 Additional Agency Contacts

RTP visited the websites and offices of the New York City Department of Finance and Department of Buildings. Also, Freedom of Information Act (FOIA) requests were sent out to the New York City Department of Health (NYCDOH), Department of Environmental Protection (NYCDEP), and the Fire Department (NYFD).

RTP obtained a tax map of the subject property which showed the site at several different addresses. These addresses included 230 Eagle Street (Block 2506, Lot 19), 238 Eagle Street (Block 2506, Lot 23), 242 Eagle Street (Block 2506, Lot 27), 257 Freeman Street (Block 2506, Lot 139), and 269-277 Freeman Street/105 Provost Street (Block 2506, Lot 30). In addition, information from ACRIS revealed several deed transactions that took place in the current history of the site:

- 230 Eagle Street: In July 1972 Harold Friedman, Devisees of Walter Friedman, and Samuel Friedman, deceased, sold their portion of the subject property to Reliable Machine Works Inc. In March 1980 Alan J. Helfand, a representative of the creditors for Reliable Machine Works Inc., sold his portion of the subject property to Smelting Hey and Refining Co. Inc.
- 238 Eagle Street: In March 1980 Alan J. Helfand, a representative of the creditors for Reliable Machine Works Inc., sold his portion of the subject property to Ney Smelting and Refining Co. Inc.
- 242 Eagle Street: In March 1980 Alan J. Helfand, a representative of the creditors for Reliable Machine Works Inc., sold his portion of the subject property to Smelting Hey and Refining Co. Inc.
- 257 Freeman Street: In April 1980 Harold Friedman and Walter Friedman sold their portion of the subject property to Ney Smelting and Refining Co. Inc.
- 269-277 Freeman Street/105 Provost Street: In October 1968 Geral Operating Corp. sold their portion of the subject property to Abraham Balban and Gerald Schnieder. In November 1968 Abraham Balban and Gerald Schneider sold their portion of the subject property to Ney Smelting and Refining Co. Inc.

Appendix E contains a tax map that differentiates the different sections of the subject property.

Building Department website records show fuel oil applications for the site in 1956 and 1988. RTP attempted to obtain a copy of the 1956 application but it wasn't on file with the Department of Buildings. The 1988 application was for the portion of the site located at 263 Freeman Street. The application shows that two 275 gallon fuel oil tanks were located on steel legs in the corner of the building adjacent to the current tanks and most likely in the diked area near the current tanks. These tanks were for two oil-fired burners in the location of the smelter that is currently located in the middle of the building.

To date, RTP has not received any pertinent information in response to the FOIA requests sent to the NYCDOH, NYFD, and NYCDEP.

6.0 SITE RECONNAISSANCE

As part of this Phase I Study, RTP conducted a physical site reconnaissance of the subject property to identify potential areas of environmental concern. RTP conducted the site reconnaissance on November 10, 2004 in order to observe existing site and environmental conditions. The following observations were made during the site reconnaissance. The site inspection photographs are in Appendix F.

6.1 Subject Property

The subject property consists of a one story building, a parking/storage area, and a parking storage/area for trucks. Below is a description of the building as defined in the tax map in Appendix E.

269 Freeman Street

The 269 Freeman Street section of the building is located in the building's southeast corner. This area of the site consisted of offices and a kitchen in the southern part of the area with the rest of the area in a warehouse like setting. The main office was filled with desks, papers, and office equipment. A secondary office located immediately west of the main office had office equipment and books. This area also had water stained fiberglass pipe wrap near an HVAC unit and a restroom. Immediately west of this office was a kitchen which had boxes of office files, a microwave, sink, refrigerator, and a restroom. In the southwest corner of this area was an emergency exit area that contained the office area air conditioning unit as well as electrical boards. East of the main office area was the entrance to the building and additional offices. One of these additional offices had several boxes of office material, cabinets, the natural gas inlet to the building, a hole in the floor, and suspect mold on ceiling tile. The warehouse area had areas

that contained boxes of files, and drums of sawdust and metal. Pallets of what appeared to be solid waste were present in the eastern portion of the warehouse near the warehouse door and a dumpster of metal waste. Also in this section of the warehouse were oxygen tanks, several appeared to be tanks shrink-wrapped for shipment, and a collapsed sprinkler line. In the north-central portion of the warehouse were rusted drums of solder joints wrapped for shipment, the area of a former welder, bags of solid sulfur, and drums and pallets of metal pipes. Along the western wall of the room was the zinc smelting area, which had holders and two melting machines.

263 Freeman Street

The 263 Freeman Street section of the building is located immediately west of the 269 Freeman Street section of the building. This portion of the building is an open warehouse that contains a smelter in the middle of the area, a locker and break rooms in the southeast corner of the area, garage doors in the northeast corner and along the southern wall of the area, and two 275 gallon fuel oil tanks along the western wall of the area. The fuel oil tanks were used to heat the smelter. In the southeast corner of the area, along with the locker and break rooms, were drums of metal tailing and other metallic objects, drums of head dross, a battery, electrical and natural gas connections to the building, containers of enamel and oil, and steel posts. There was no evidence of leaking in the area of the battery. In the south-central and southwest sections of this area were additional drums of metal wire and debris, drums of head dross, machines that handled melted metal, and boxes that were labeled silicon rubber. In the western portion of the area were additional machines to handle melted metal, drums of rusted metal, bales of cardboard, metal stands, boxes labeled silicon rubber, bags of ground ceramic with silicate that were wrapped for shipment, and other materials associated with the former operation of the site. An oil stain over cracked concrete was also discovered in this area of the site. Immediately north and east of the smelter were drums of metal, a drum of an unknown substance, an iron pot, bags of ground ceramic with silicate that were wrapped for shipment. The area in the vicinity of the smelter was wet because the smelter was being power washed. This area included a small sump that contained the smelter as well as the surrounding floor.

242 Eagle Street

The 242 Eagle Street section of the building is located immediately north of the 263 Freeman Street section of the building. This portion of the building has a first floor and basement. The first floor had several bags of ground ceramic with silicate and drums of metal on palettes wrapped for shipment. A flammable storage cabinet was located in the southern section of this area. It contained gas cans and a gasoline odor. Several drums of hydraulic oil as well as holes in the floor are located in this area of the site. Above the holes in the floor are sections of the corrugated metal ceiling coming apart revealing an older, wooden ceiling. Along the eastern wall of this area is an exhaust hood and a small room with two openings in the ceiling. One of the openings is sealed and the other opening is partially covered. At the northern end of this area is a restroom.

The basement of this area has an air compressor, drain surrounded by what appears to be a sump or berm, what appears to be a tub or sump next to a pump, and two tanks with pumps. In the area of one of the tanks is a sump that is surrounded by an oil stained floor. This sump is severely corroded with water in the drain of the sump.

257 Freeman Street

The 257 Freeman Street section of the building is located immediately west of the 263 Freeman Street section of the building. A garage door is located on the northern wall of this area. The area contains drums of metal, bags of ground ceramic with silicate, pails of aluminum soldering flux, and machines associates with the smelting process. In addition an oil stain was located over cracked concrete.

238 Eagle Street

The 238 Eagle Street section of the building is located immediately west of the 242 Eagle Street and immediately north of the 263 Freeman Street sections of the building. This area is an open warehouse with shelving on the eastern side of the area and machinery on the western side of the area. This machinery includes a dust collector and grinder in the southwest portion of the area and rollers with their associated pumps and electrical equipment taking up the rest of the western side of the area. Additional machinery is located in the northeast corner of the area. In the area of the shelving are palettes of bags of silicate wrapped for shipment, cans of asphalt exterior coating, cardboard, other bags of silicate, and other chemicals such as compound. Additional palettes of bags of silicate wrapped for shipment and a restroom with water heaters are located in the vicinity of the grinder. Water was on the floor from the power washing of the smelter in the 263 Freeman Street section of the building. Hardened tar is located along the walls appearing to have come down from the roof.

Back Yard

The Back Yard section of the subject property is located immediately west of the 238 Eagle Street and immediately north of the 257 Freeman Street sections of the building. Along the eastern wall of the site was corrugated piping, traffic cones, rubber piping, and metal pipe fittings. In the southeast corner of this section of the property was a small room that contained a broken floor and debris. In the vicinity of this room was oil staining under a truck. The staining was on sand that was over a concrete pad that covered that part of the site. Near the entrance to this section of the property was a dumpster that contained construction debris over a pile of debris. The company that used this part of the site, Entech, Inc., used the dumpster as a place to dump out the contents of their vacuum trucks. A worker for Entech, Inc. stated that the vacuum trucks were used to clean out sewage catch basins in the City of New York. Along the southern wall of the area were palettes of what appeared to be metal fencing, a centrifuge/collector machine, and a pile of PVC pipes. Additional staining over soil was located in the western portion of the site in the vicinity of a dumpster that contained trash. In the northwest corner of

this area of the site was oil staining over concrete from a truck. Also located in this corner of the area was a machine axle, backhoe bucket, metal storage chests, a portable engine, storage containers, a pile of sand, and a pile of pipes in sand.

Yard

The Yard section of the subject property is at the corner of Eagle and Provost Streets. It is immediately east of the 242 Eagle Street and immediately north of the 269 Freeman Street sections of the building. Along the western wall of this area were several rusted drums and an iron pot. In the north-central portion of this area were several metal containers. The parking lot may have settled under the weight of these containers in such a way that water stays under these containers when it rains instead of draining away from the site. In the southern portion of the area were two large iron pots. Immediately northeast of this area were two monitoring wells in the sidewalk.

Mr. Fred Miller of Entech, Inc. informed RTP of two additional monitoring wells located immediately north of the Back Yard. He stated that the monitoring wells were installed by the sewage treatment plant approximately two years ago and that officials at the sewage treatment plant informed Entech, Inc. that the monitoring wells were "clean". Mr. Miller attempted to obtain more information from sewage treatment plant officials regarding the monitoring wells but was unable to do so. RTP will request information on these wells from the NYSDEC.

6.2 Storage Tanks

Several tanks were identified at the subject property. The 269 Freeman section of the building had what appeared to be several tanks wrapped for shipment. The 263 Freeman section of the building had two 275 gallon fuel oil tanks and what appeared to be a dike, probably for the previous tanks at that location. The 242 Eagle section of the site had several tanks in the basement. Mr. Mayer informed RTP that an underground storage tank is located at the site under the building near the offices in the 269 Freeman section of the building. He stated that the fill port was cut off from the tank and that there is a return in the building that was used to measure the product in the tank. He informed RTP that the tank has been at the site for approximately 40 years and was a fuel oil tank that could be converted to gasoline usage. There is, reportedly, still oil in the tank.

6.3 Hazardous Materials

Hazardous materials located at the site included oil staining on soil and concrete in the Back Yard section of the property, and a flammable storage cabinet with gasoline containers and drums of hydraulic oil in the 242 Eagle section of the building. The contents of the Entech vacuum trucks may contain hazardous materials also.

7.0 CONCLUSIONS AND RECOMMENDATIONS

RTP has performed this Phase I Study of the subject property in conformance with the scope of services described in Section 2.0 of this report. Based on the information collected during the Phase I Study, RTP makes the following observations and conclusions:

Potential Recognized Environmental Conditions (RECs):

- The 1887 Sanborn Fire Insurance Map shows the site containing a business that uses naphtha in its operations.
- The 1942 and 1965 Sanborn Fire Insurance Maps show paint spraying operations at the site involving volatile organic chemicals.
- 550 gallon UST under floor of 269 Freeman section of subject building.
- Oil staining over cracked concrete in the 257 Freeman and 263 Freeman sections of the subject building.
- Severely corroded sump that is surrounded by oil staining in the basement of the 242 Eagle section of the subject building.
- Oil stained sand over concrete and oil stained soil in the Back Yard section of the subject property.
- A dumpster possibly used to deposit contaminated materials as well as leak contaminated water in the Back Yard section of the subject property.
- Monitoring wells located in the vicinity of the Yard and Back Yard sections of the subject property.

Additional areas of environmental concern:

- Water stained pipe wrap near the office HVAC unit in the 269 Freeman section of the subject building.
- Suspect mold on ceiling tile in the 269 Freeman section of the subject building.

Conclusions & Recommendations:

RTP concludes that additional sampling needs to take place to address all of the potential RECs except for the 1887 Sanborn Fire Insurance Map, the 550 gallon UST and monitoring wells. Although several of the RECs mentioned above were inside the building, sampling under the floor is possible with the use of a concrete coring drill or rock drill. Although several of the cases in the EDR report involving the sewage treatment plant and oil refineries in the area have been closed, a possibility may exist that historical practices at these facilities may have impacted groundwater under the subject property. In addition, the oil surrounding the sump and the condition of the sump in the basement of the 242 Eagle section of the building is indicative of groundwater possibly being impacted by oil and other chemicals via the sump. So any sampling that takes place at the subject property should involve groundwater sampling. The soil that was

impacted in the Back Yard section, whether sample results indicate an issue or not, should be removed because of the visible contamination. All of the soil over the concrete should be removed and soil should be removed off of the surface of the rest of the area until no visible or olfactory evidence of oil staining is present. The concrete should be inspected once the soil is removed for cracks and fissures and areas of staining to see if the oil staining had the potential to seep into the subsurface.

RTP conducted additional research into the use of naphtha, based on the information obtained from the 1887 Sanborn Fire Insurance Map and discovered that it can be used in cleaning agents. Since the business of concern also cleaned carpets, a safe assumption can be made that the naphtha used at this business was in cleaning chemicals.

The 550 gallon UST should be tank tested and, if it passes the tank test, be abandoned in place. If the UST fails the tank test or a tank test can not be performed on the UST, then soil samples need to be taken in the immediate vicinity of the UST when it is abandoned in place. If these samples reveal soil contamination or observations of the tank during the abandonment process reveal free product entering the environment, then the tank will have to be removed. RTP is in the process of obtaining information about the monitoring wells surrounding the site. If information can not be obtained then the monitoring wells should be sampled.

The two areas of environmental concern should be addressed by removing the pipe wrap and ceiling tiles of concern. An investigation should be conducted to determine the source of the moisture that caused the water damage and mold.

If any additional issues are found, after our completion of this Phase I Environmental Site Assessment Report, RTP will provide a letter addendum to this report.

APPENDIX A

USGS Quad Maps

Environmental Data Resources, Inc.
Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 12.)

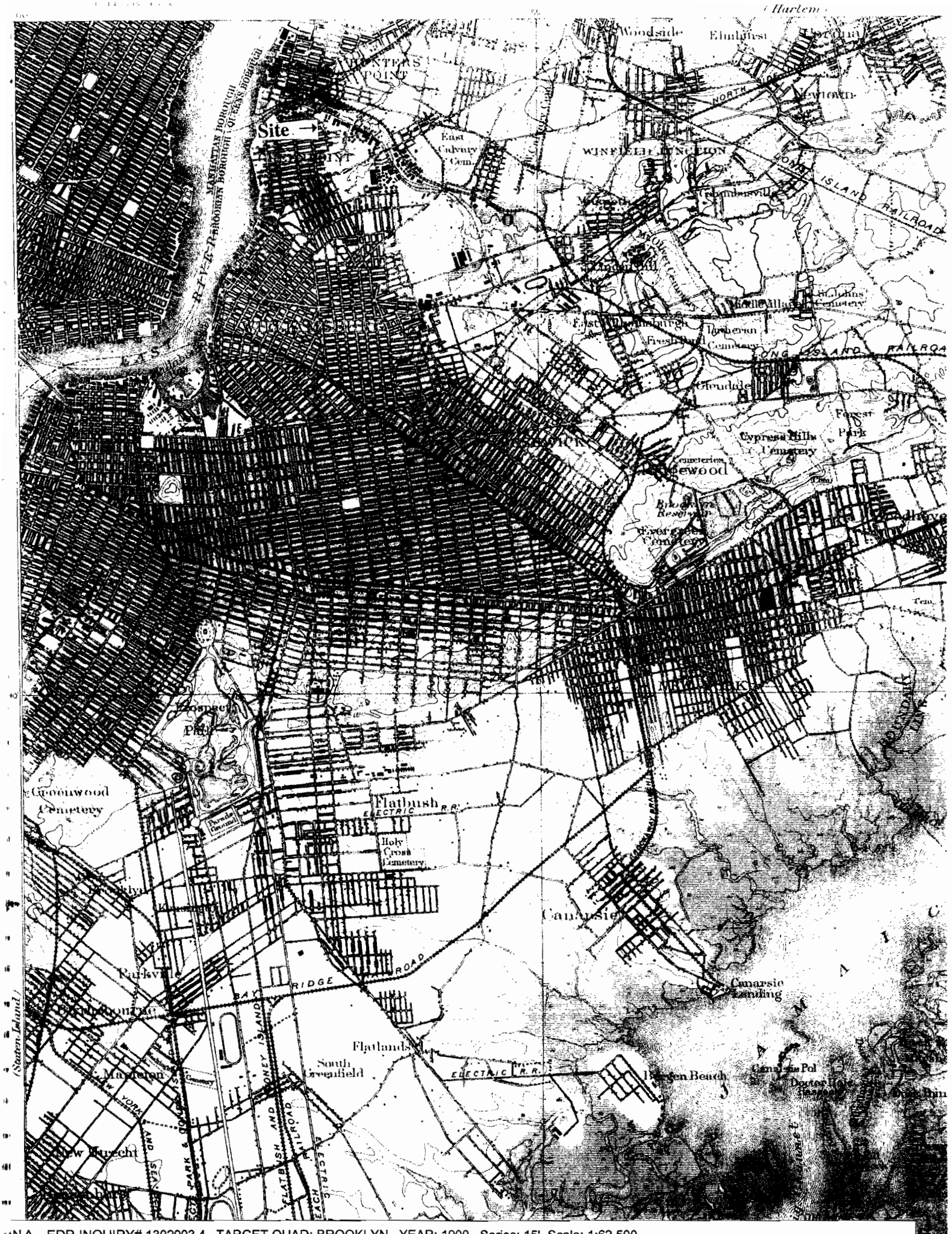
EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

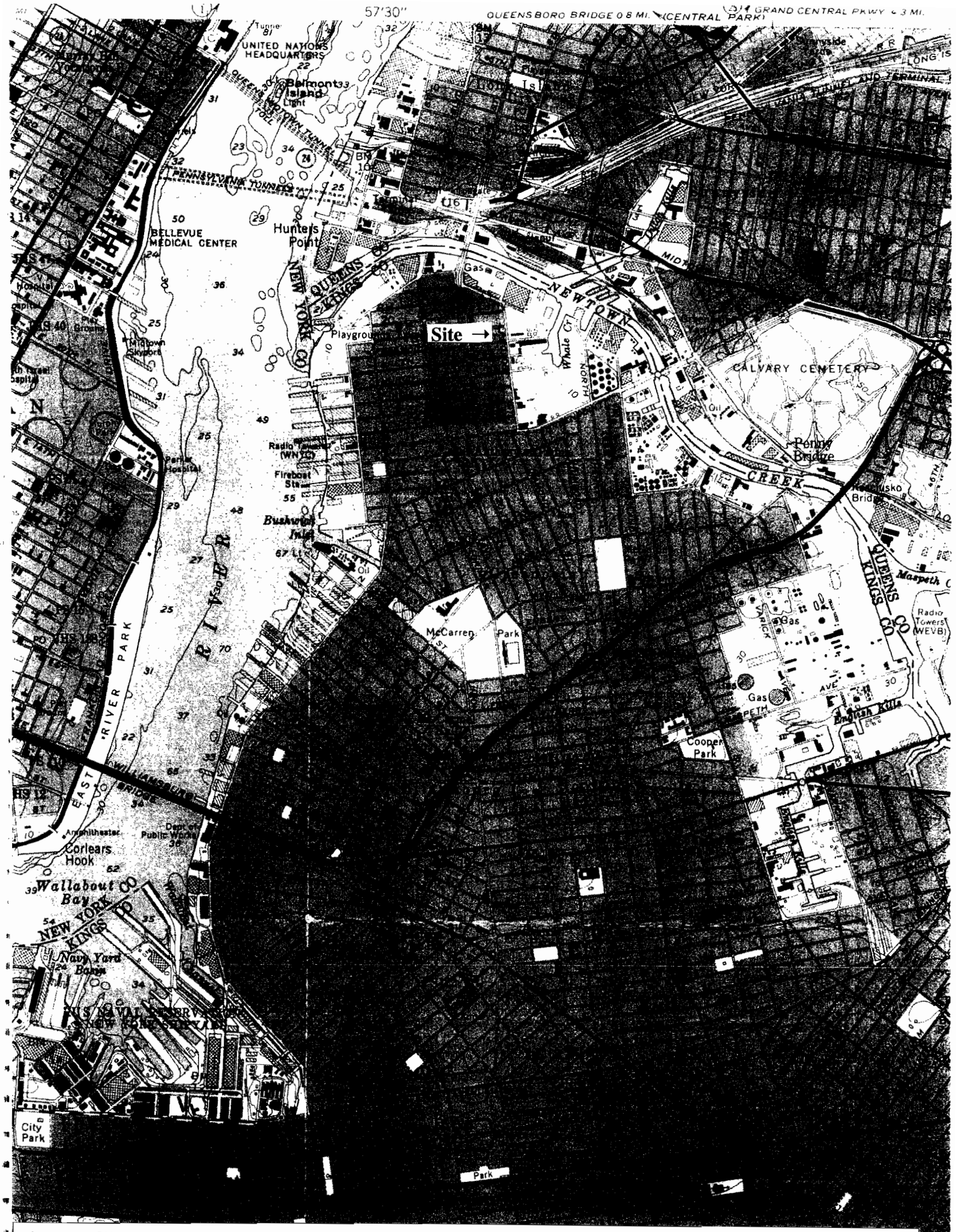
Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.


910
587
58'00"
GEORGE WASHINGTON BRIDGE 9 MI
912
57'00"
589
913
590
56'00"
914
591
915
WOODSTOCK COURT
BLACKWELLS REEF BEACON
Hunters Point
ST JOHNS HOSPITAL
SUNNYSIDE YARD
QUEENSBORO TUNNEL
MIDTOWN TUNNEL
PENN TUNNELS
BOULEVARD
LONG ISLAND DEPOT
WHEELSPUR YARDS
Bellevue Hosp
NATIONAL ENAMEL CO
ST RAPHAELS
COUNTY
KINGS
Site
BAG CO
Calvary Cemetery
NEW YORK
ST ANTHONYS
AMERICAN
EDISON CO PIER
MONTAUK
Laurel Hi
14TH ST CANARSIE SUBWAY TUNNELS
Maspeth
McCarren Park
BROOKLYN EASTERN DIV TERM
Linden H
GAS HOLDER
BUGCO
Kills
Cooper Park
GRAND
FULTON
WILLIAMSBURG BRIDGE
METROPOLITAN
English
Corlears Hook Park
WILLIAMSBURG BANK
ST CATHERINES HOSPITAL
BROADWAY
BUSHWICK
TWIN SPIRES HOLY TRINITY
BUSHWICK TERMINAL
VARICK AVE FREIGHT YARD
E District HS
W CHIMNIES EDISON CO
Navy Yard Basin
Wallabout Channel
Bushwick Park
U S NAVY YARD
Naval Hosp
FLUSHING
MORGEN
Public Library
Fort Greene


Site
Woodside
Elmhurst
Newtown
East Calvary Cem.
WINFIELD JUNCTION
LONG ISLAND RAILROAD
Lutheran Cemetery
Cypress Hills Cemetery
Forest Park
Evergreen Cemetery
Prospect Park
Greenwood Cemetery
Flatbush ELECTRIC R.R.
Holy Cross Cemetery
Canarsie
Parkville
BAY RIDGE ROAD
Canarsie Landing
Flatlands
South Greenfield
ELECTRIC R.R.
Bergen Beach
Canarsie Pol
Manhattan
New Utrecht
PARK & OCEAN
FLATBUSH AND CONEY ISLAND RAILROAD
ELECTRIC
Staten Island



N ^ EDR INQUIRY# 1302903.4 TARGET QUAD: BROOKLYN YEAR: 1956 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1302903.4 TARGET QUAD: BROOKLYN YEAR: 1967 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1302903.4 TARGET QUAD: BROOKLYN PHOTOREVISED: 1967-1979 Series: 7.5' Scale: 1:24,000



N A EDR INQUIRY# 1302903.4 TARGET QUAD: BROOKLYN YEAR: 1995 Series: 7.5' Scale: 1:24,000

APPENDIX B

Historical Aerial Photographs

Date EDR Searched Historical Sources:
Aerial Photography November 08, 2004

Target Property:
269 Freeman St.
Brooklyn, NY 11222

PUR ID *Year*	*Uses*	*Portion-Findings (FIM Information Only)*	*Source*
1 1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: February 23, 1954	nar
2 1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: February 23, 1966	nar
3 1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: April 1, 1975	nar
4 1984	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-F8/FlightDate: April 27, 1984	nar
5 1994	Aerial Photograph. Scale: 1"=833'	Panel #: 2440073-F8/FlightDate: April 4, 1994	nar


INQUIRY #: 3352736.1
YEAR: 1954
= 250'
N


INQUIRY #: 3352736.1
YEAR: 1966
= 500'
N

INQUIRY #: 3352736.1

YEAR: 1975

= 500'

N




INQUIRY #: 3352736.1
YEAR: 1984
= 750'
N


INQUIRY #: 3352736.1
YEAR: 1994
= 750'
N

APPENDIX C

Sanborn Fire Insurance Maps

EDR™ Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Omar Minnicks
RTP Environmental
239 US Hwy 22 East
Green Brook, NJ 08812

Order Date: 11/8/2004 **Completion Date:** 11/8/2004
Inquiry #: 1302903.3s
P.O. #: NA
Site Name: Ney Smelting
Address: 269 Freeman St.
City/State: Brooklyn, NY 11222
Cross Streets:

Customer Project: Ney Smelting
1061591DJV 732-968-9600

Based on client-supplied information, fire insurance maps for the following years were identified

1887 - 2 Maps	1980 - 1 Map	1991 - 1 Map
1905 - 1 Map	1981 - 1 Map	1992 - 1 Map
1916 - 1 Map	1982 - 1 Map	1993 - 1 Map
1942 - 1 Map	1983 - 1 Map	1995 - 1 Map
1951 - 1 Map	1986 - 1 Map	1996 - 1 Map
1965 - 1 Map	1987 - 1 Map	
1978 - 1 Map	1988 - 1 Map	
1979 - 1 Map	1989 - 1 Map	

Limited Permission to Photocopy Total Maps: 22

RTP Environmental Assoc. Inc. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Electronic Sanborn Map Images
USER'S GUIDE

Thank you for your interest in electronic Sanborn Map images. The following are guidelines for accessing the images and for transferring them to your system. If you have any questions about the use of electronic Sanborn Map images, contact your EDR Account Executive at 1-800-352-0050.

Organization of Electronic Sanborn Image File

- First Page — Sanborn Map Report, listing years of coverage
- Second Page — Electronic Sanborn Map Images USER'S GUIDE
- Third Page — Oldest Sanborn Map Image
- Last Page — Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

- Open file on screen.
- Identify TP (Target Property) on the most recent map.
- Find TP on older printed images.
- Using Acrobat, zoom to 250% in order to view more clearly.
  - 200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.
- Zooming in on an image:
  - On the menu bar, click "View" and then zoom.
  - Use the magnifying tool and drag a box around the TP area.

Printing a Sanborn Map from the Electronic File

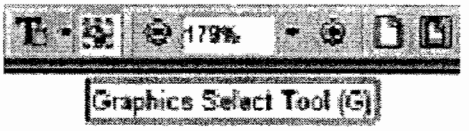
- EDR recommends printing all images at 300 dpi (300 dpi prints faster than 600 dpi).
- To print only the TP area, cut and paste the area from Adobe Acrobat to your word processor.

Acrobat Version 4



- Go to the Menu bar
- Press and hold the "T" button
- Choose the Graphics Select Tool
- Draw a box around the area selected
- Go to "Menu"
- Hightlight "Edit"
- Hightlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

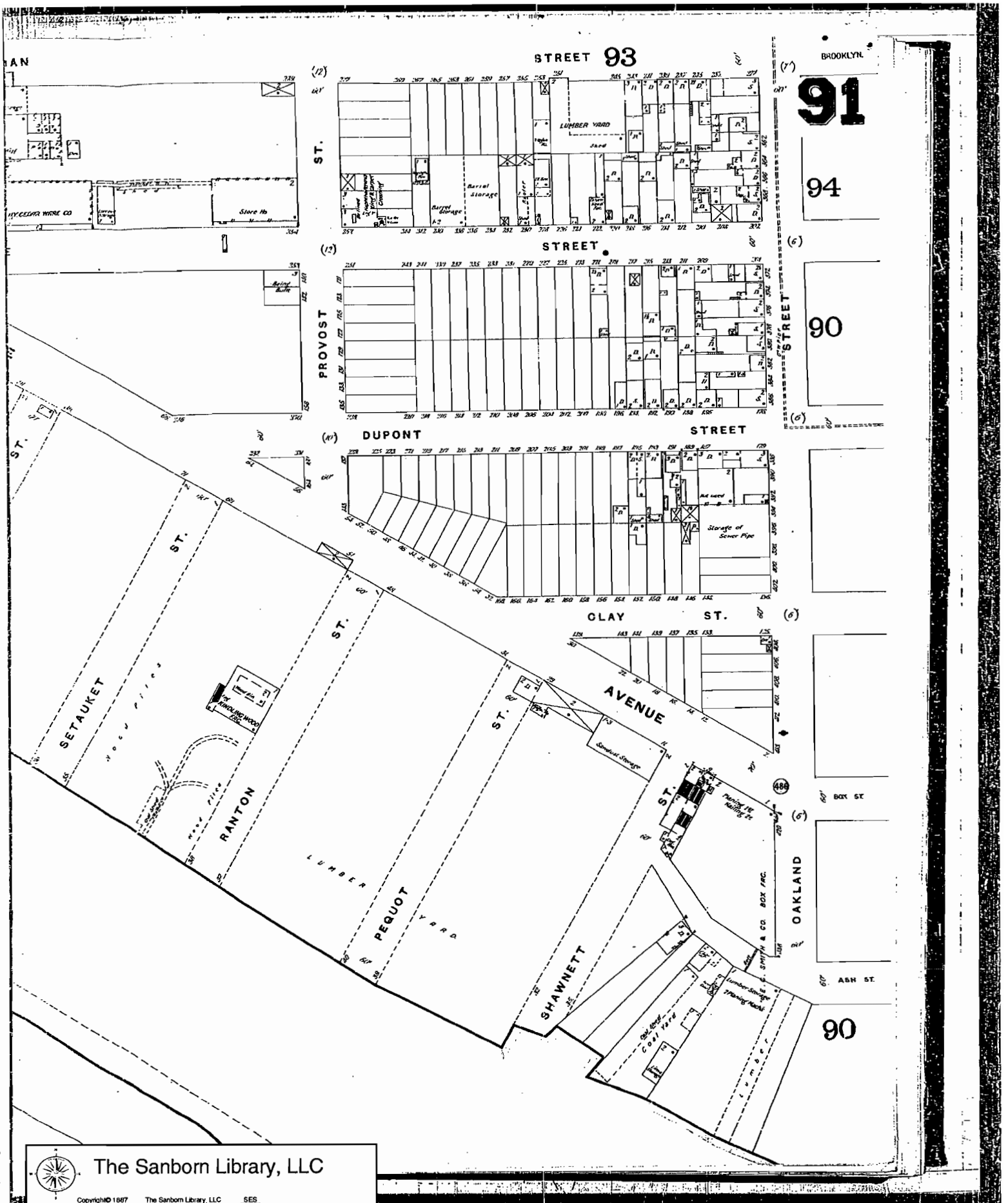
Acrobat Version 5



- Go to the Menu bar
- Click the "Graphics Select Tool"
- Draw a box around the area selected
- Go to "Menu"
- Highlight "Edit"
- Highlight "Copy"
- Go to a word processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic

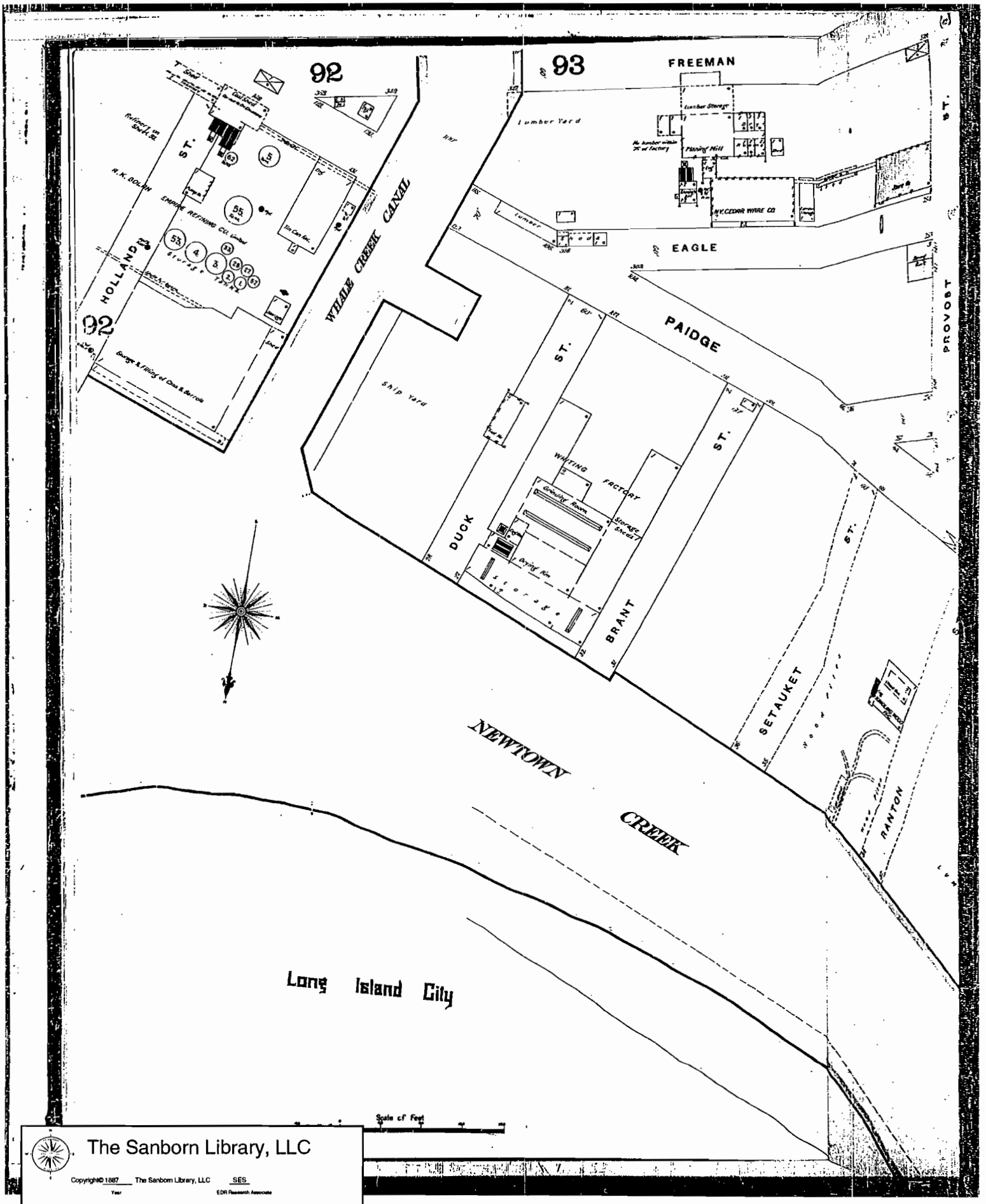
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as 1 of 3, 2 of 3, etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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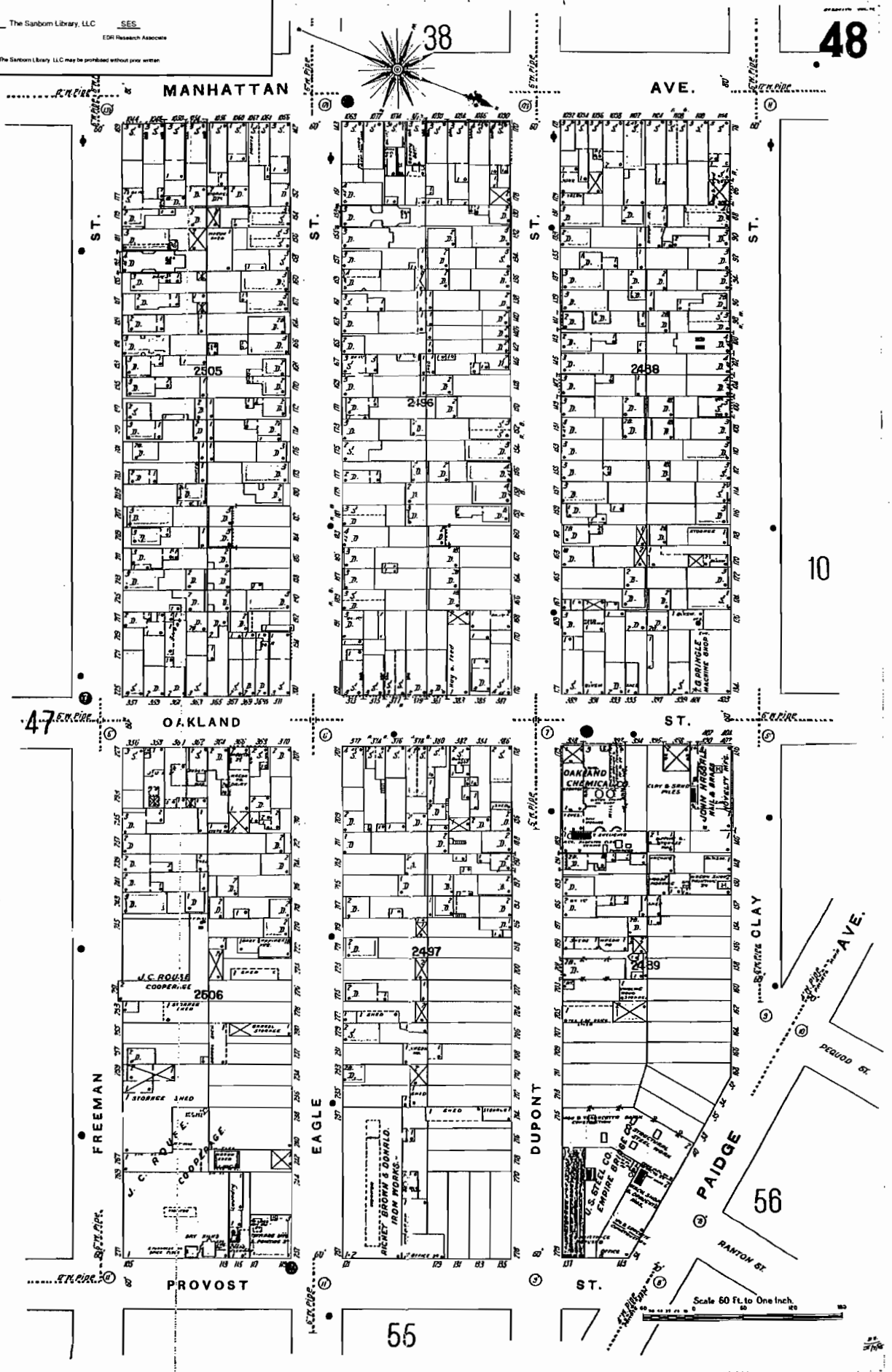
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38

MANHATTAN AV.

FREEMAN

EAGLE

DUPONT

CLAY

10

47

OAKLAND

2505

2496

2488

2506

2497

2489

J. C. ROUSE

PROVOST

PAIGE

56

55

Scale 60 Ft. to One Inch.

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OAKLAND

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PROVOST

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PAQUOT ST.

RANTON ST.

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NY .009

FREEMAN

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OAKLAND

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PROVOST

PAIDGE

PROVOT ST

RENTON ST

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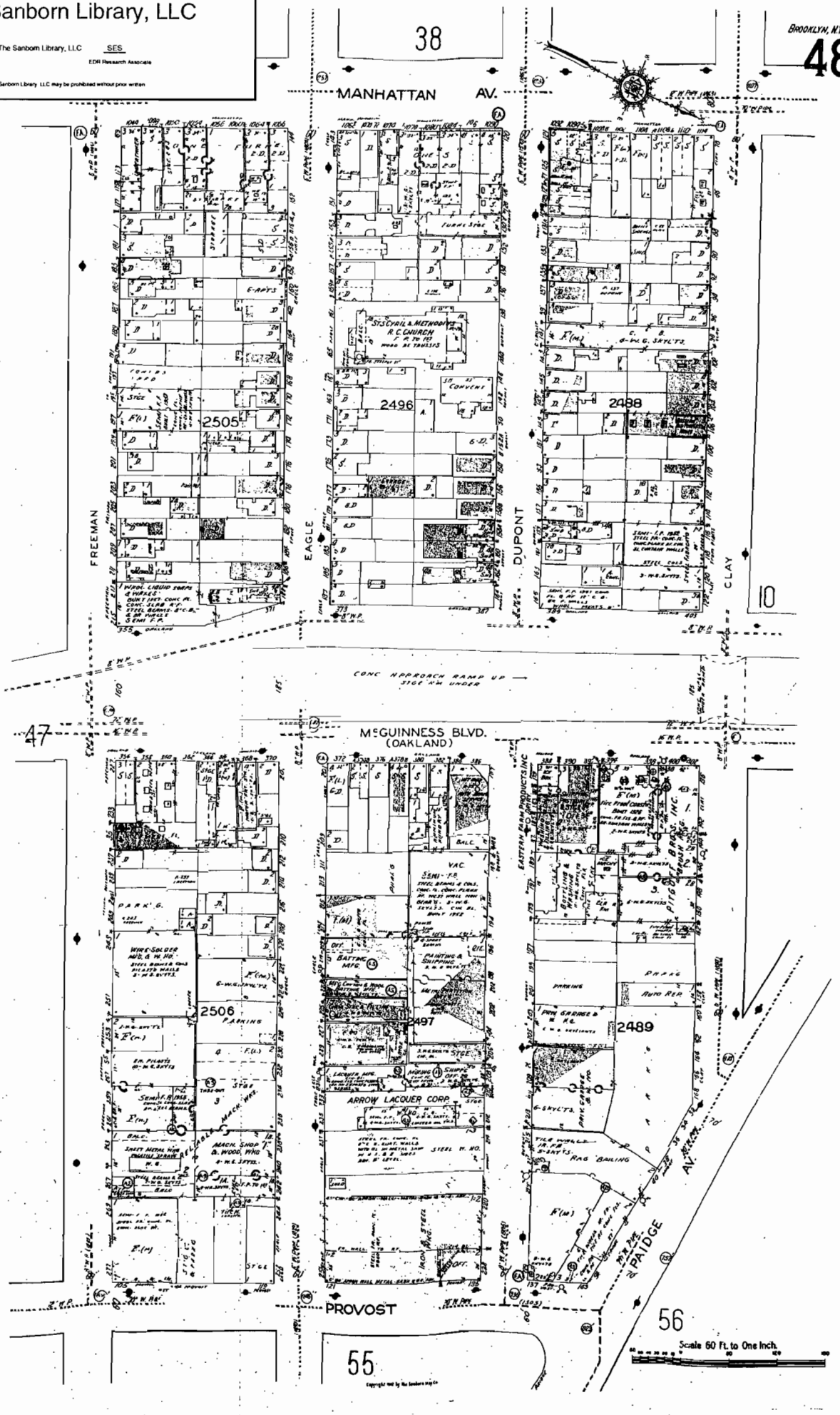
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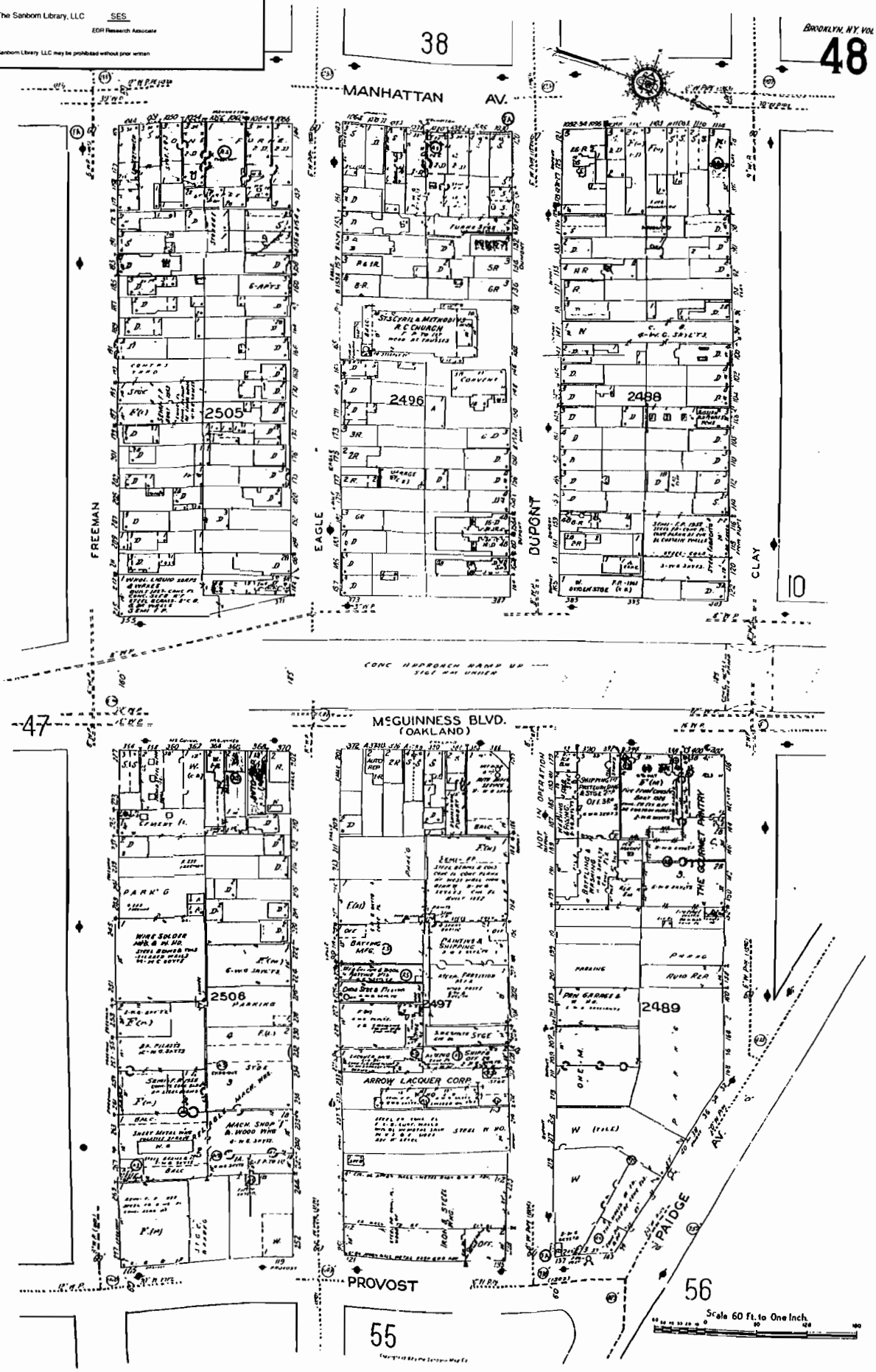
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38

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FREEMAN

EAGLE

DUPONT

CLAY

2505

2496

2488

CONC. APPROACH RAMP UP → STORM SEWER UNDER

47

McGUINESS BLVD.
(OAKLAND)

2506

2497

2489

ARROW LACQUER CORP.

THE GOURMET PANTRY

PAIDGE AV.

PROVOST

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FREEMAN

EAGLE

DUPONT

CLAY

2505

2496

2488

St. CYRIL & METHODIUS R.C. CHURCH

CONVENT

10

47

McGUINNESS BLVD. (OAKLAND)

2506

2497

2489

ARROW LACQUER CORP.

THE GOURMET PANTRY

PROVOST

PAIDGE AV.

56

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MANHATTAN AV.

FREEMAN

EAGLE

DUPONT

CLAY

2505

2496

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McGUINNESS BLVD.
(OAKLAND)

47

2506

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ARROW LACQUER CORP

THE GOURMET PANTRY

PAIGE

PROVOST

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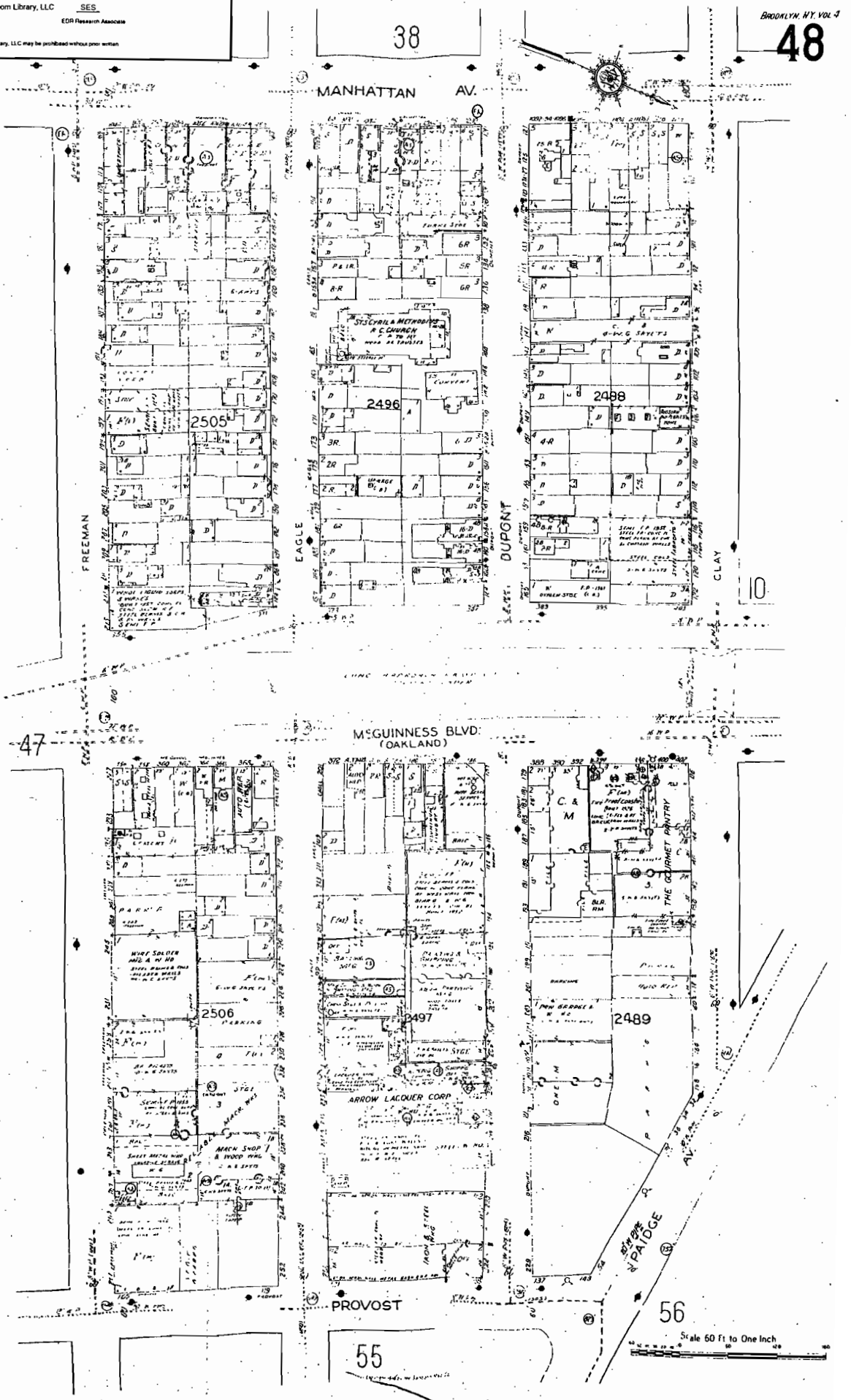
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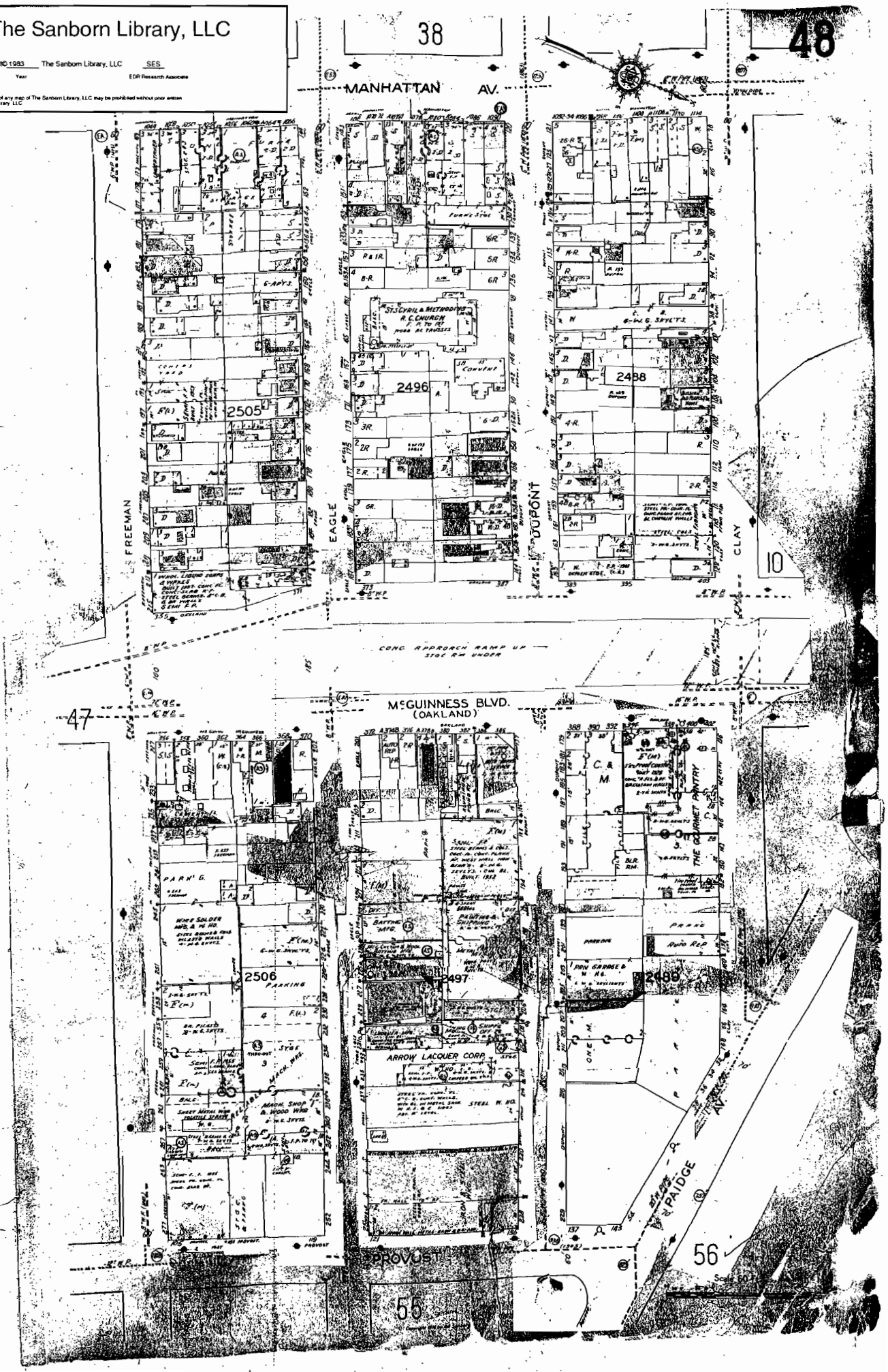
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McGUINNESS BLVD.
(OAKLAND)

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ARROW LACQUER CORP.

THE GOURMET PANTRY

PAIDGE AV.

PROVOST

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FREEMAN

EAGLE

DUPONT

CLAY

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10

CONC APPROACH RAMP UP
STEEL RM UNDER

47

McGUINNESS BLVD.
(OAKLAND)

2506
STORAGE

2497

2489

ARROW LACQUER CORP.

THE GOURMET PANTRY

PROVOST ST

PAIDGE AV.

56

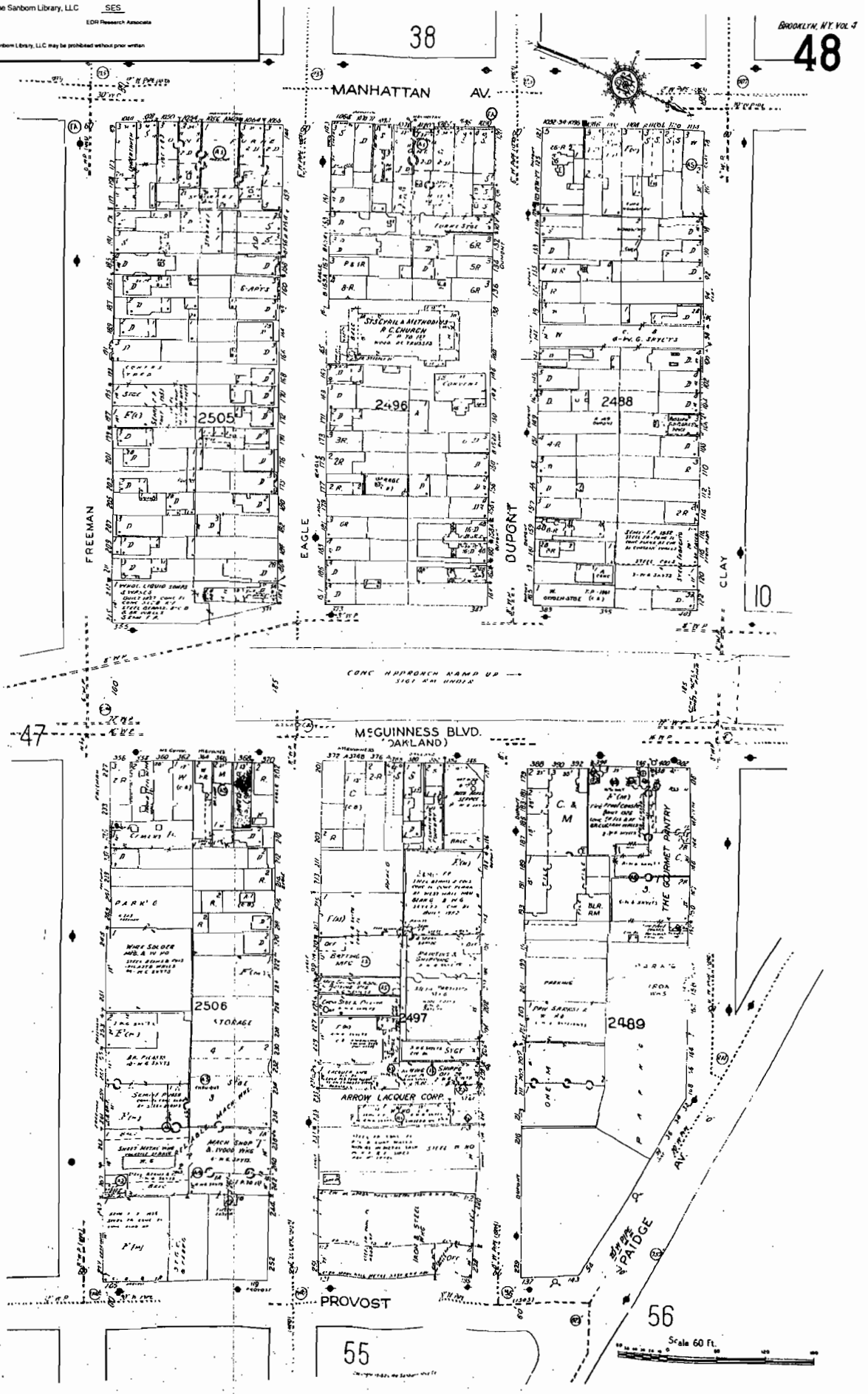
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FREEMAN

EAGLE

DUPONT

CLAY

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ST. CYRIL & METHODIUS R.C. CHURCH

CONVENT

CONC. APPROACH RAMP UP

McGUINNESS BLVD. (OAKLAND)

47

2506

STORAGE

2497

ARROW LACQUER CORP.

2489

THE GOURMET PANTRY

PROVOST

PAIDGE AV.

56

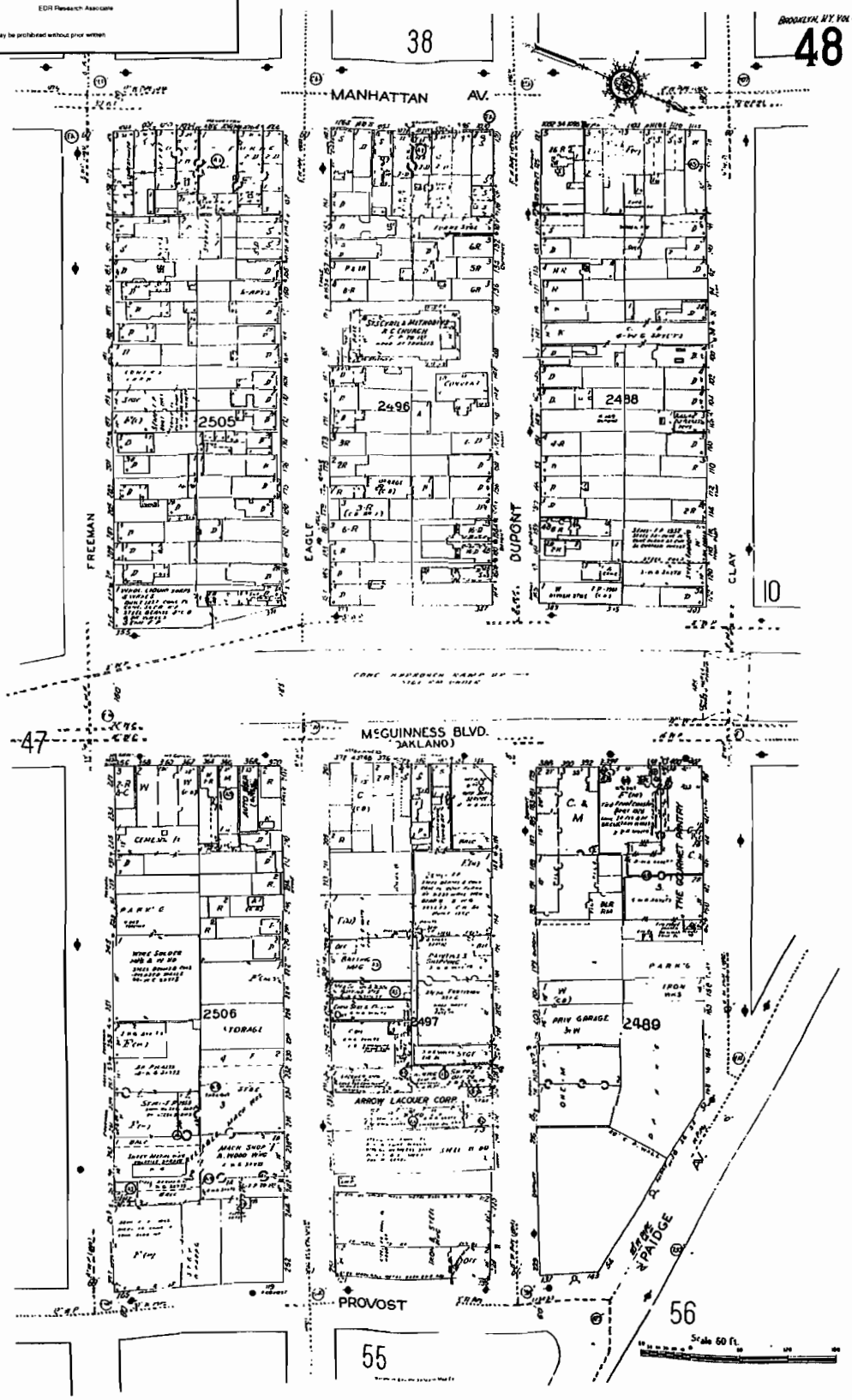
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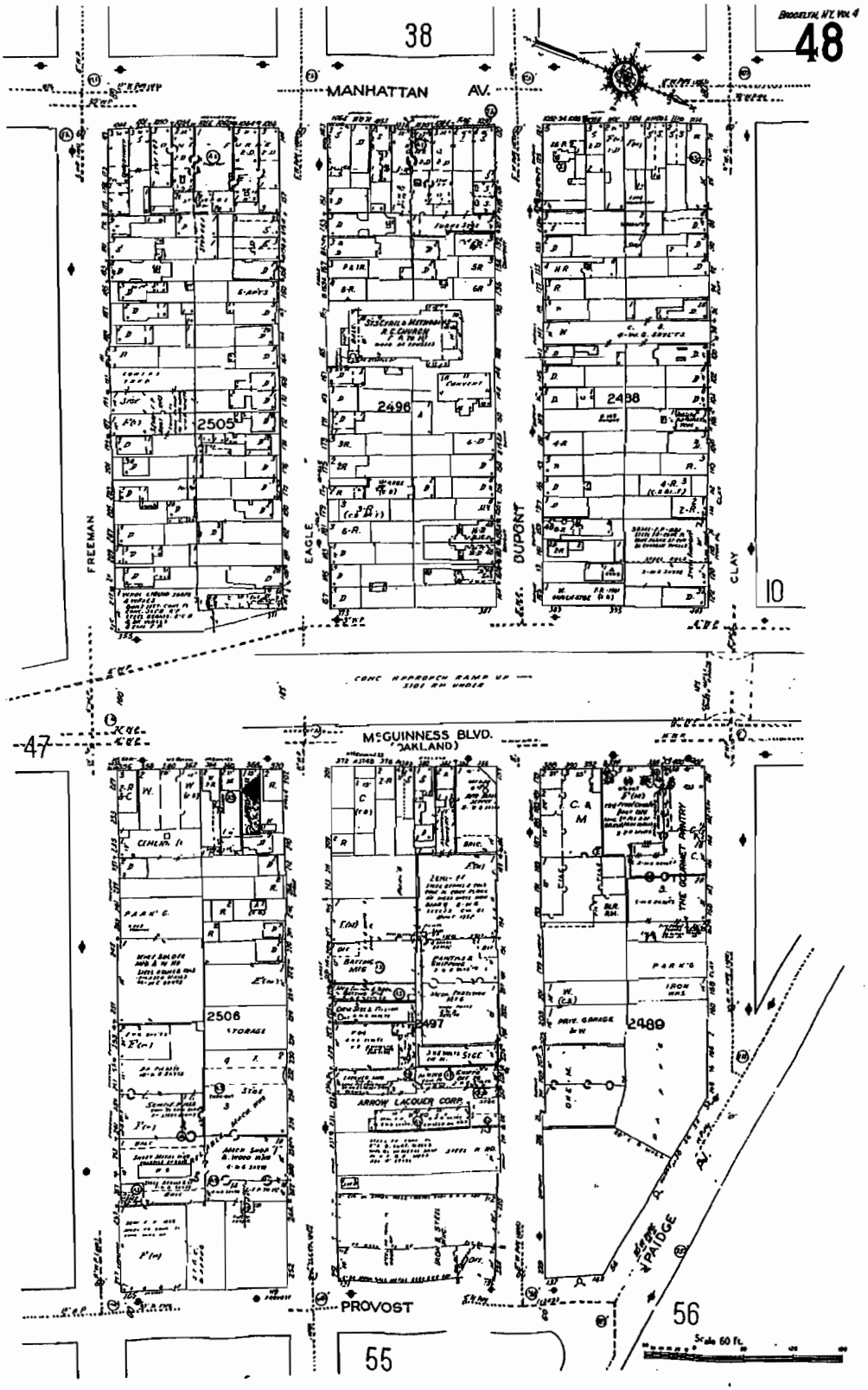


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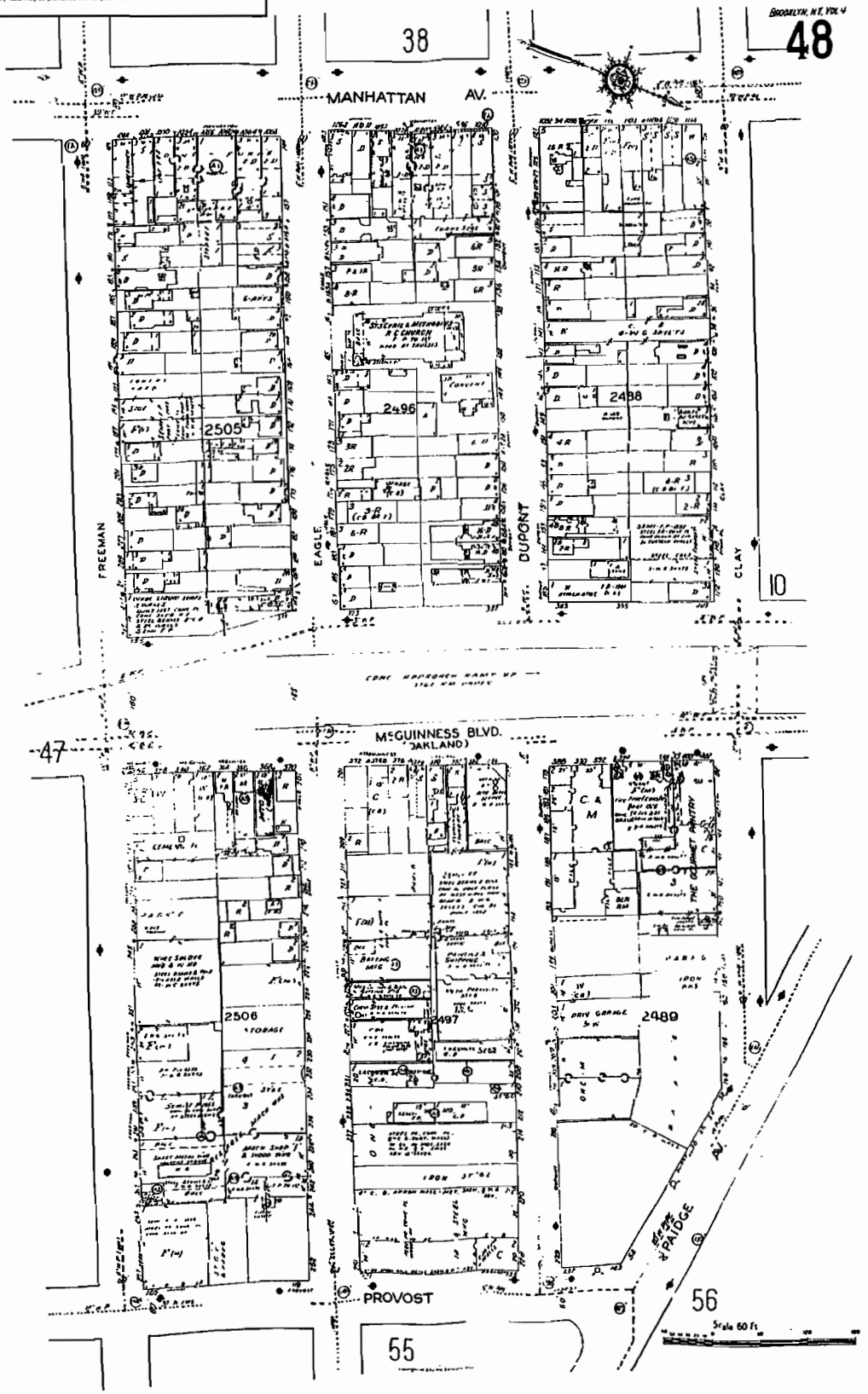


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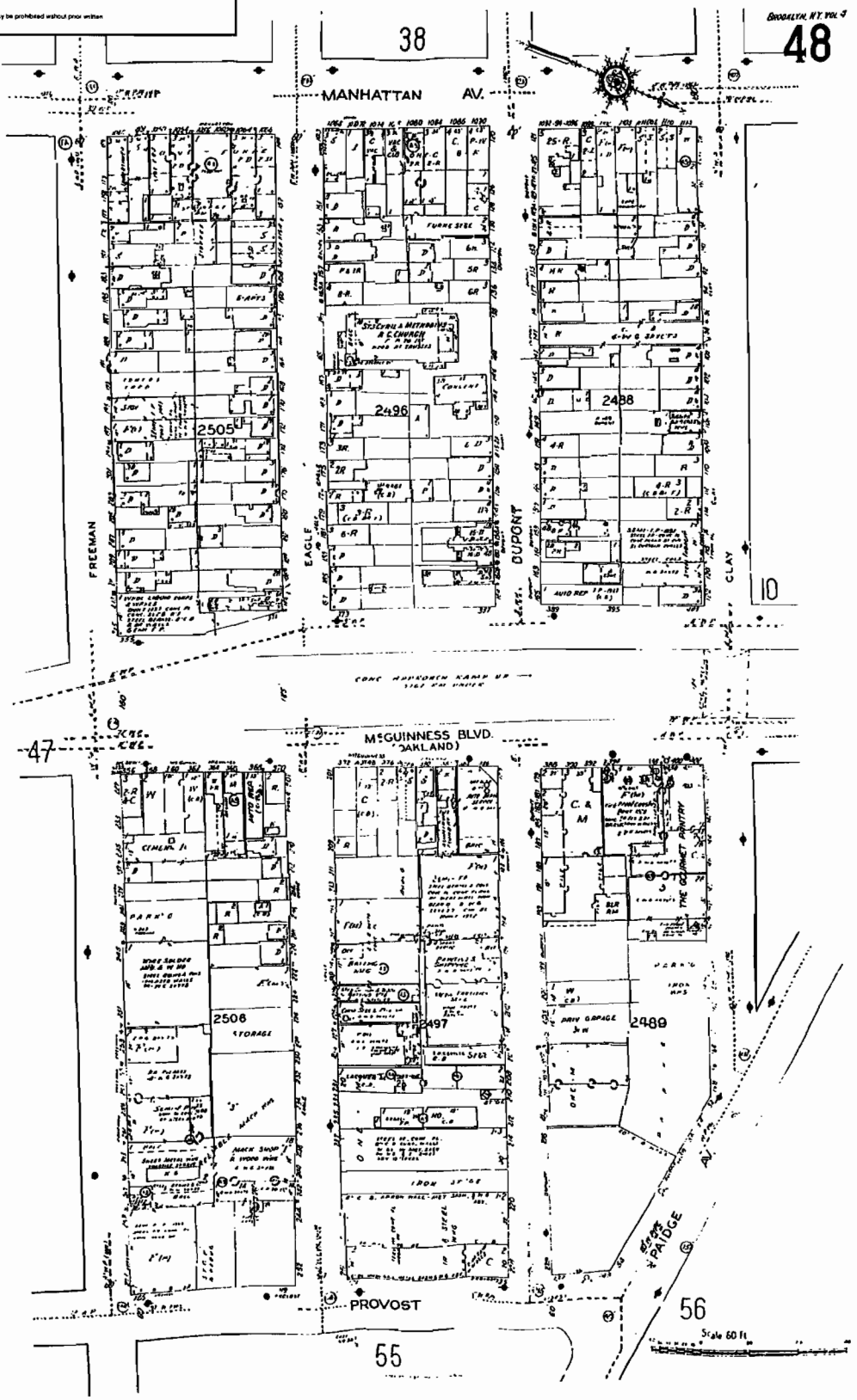


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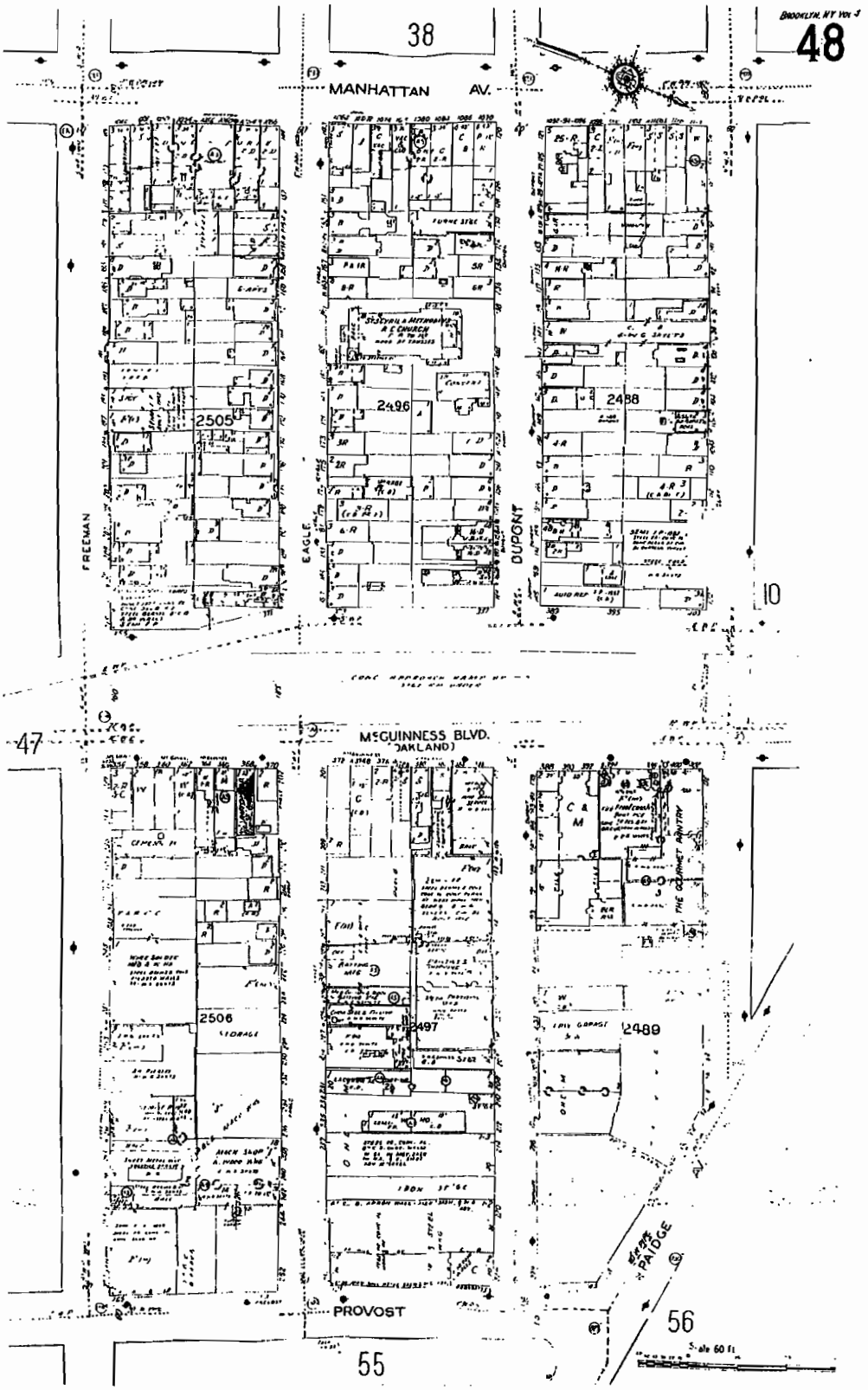


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APPENDIX D

EDR Environmental Database Report



EDR™ Environmental
Data Resources Inc

The EDR Radius Map
with GeoCheck®

Ney Smelting
269 Freeman St.
Brooklyn, NY 11222

Inquiry Number: 01302903.2r

November 08, 2004

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
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Orphan Summary	234
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

269 FREEMAN ST.
BROOKLYN, NY 11222

COORDINATES

Latitude (North):	40.735300 - 40° 44' 7.1"
Longitude (West):	73.950500 - 73° 57' 1.8"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588619.8
UTM Y (Meters):	4509692.0
Elevation:	10 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	40073-F8 BROOKLYN, NY
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
NEY SMELTING & REFINING CO 269 FREEMAN ST BROOKLYN, NY 11222	FTTS INSP	N/A
NEY SMELTING & REFINING CO. INC. 269 FREEMAN ST. BROOKLYN, NY 11222	TRIS	11222NYSML26
NEY SMELTING & REFINING COMPANY INCORPORATED 269 FREEMAN ST. BROOKLYN, NY 11222	FINDS	110000323463

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

VCP..... Voluntary Cleanup Agreements
SWTIRE..... Registered Waste Tire Storage & Facility List

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
INDIAN RESERV..... Indian Reservations
FUDS..... Formerly Used Defense Sites
UMTRA..... Uranium Mill Tailings Sites
ODI..... Open Dump Inventory
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS..... Hazardous Substance Waste Disposal Site Inventory
AST..... Petroleum Bulk Storage
DEL SHWS..... Delisted Registry Sites
DRYCLEANERS..... Registered Drycleaners
AIRS..... Air Emissions Data
SPDES..... State Pollutant Discharge Elimination System

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
Brownfields..... Brownfields Site List
VCP..... Voluntary Cleanup Agreements

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL ASTM STANDARD

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/15/2004 has revealed that there are 4 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUANTA RESOURCES CORP	*37-80 REVIEW AVE*	*1/2 - 1 E*	*S88*	*219*
ACTIVE STEEL DRUM CO INC	*52-30 34TH ST*	*1/2 - 1 E*	*89*	*220*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
KOSAN INDUSTRIAL CORP	*5-49 49TH AVE*	*1/2 - 1 NNW*	*86*	*216*
ACCURATE ASSOCIATES	*5-36 46TH RD*	*1/2 - 1 NNW*	*90*	*222*

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 08/10/2004 has revealed that there are 3 RCRIS-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
AMSCOR INC	188 DUPONT ST	0 - 1/8 NW	16	17
TOSCO FLEET MAINTENANCE GARAGE	*25 PAIDGE AVE*	*1/8 - 1/4 NNW*	*G37*	*96*
CONSOLIDATED EDISON CO OF NY	*ASH AVE & MCGUINESS BLV*	*1/8 - 1/4 NNW*	*50*	*124*

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 08/10/2004 has revealed that there are

12 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAY CRANE SERVICE INC	***255 FREEMAN ST***	***0 - 1/8 SW***	***6***	***9***
HARCO CHEMICAL COATINGS INCORP	***208 DUPONT STREET***	***0 - 1/8 NNW***	***B7***	***9***
REPUBLIC METALS CO INC	***273 GREEN ST***	***0 - 1/8 SSE***	***C10***	***14***
CINER CHEMICAL & REFINING CO I	***247 GREEN ST***	***0 - 1/8 SSW***	***D15***	***17***
C C BODY SHOP	***230 GREEN ST***	***0 - 1/8 SW***	***33***	***80***
PULASKI SERVICE STATION	***321 MCGUINESS BOULEVARD***	***1/8 - 1/4 SSW***	***I44***	***102***
CON ED - MH 4308	JAVA ST & PROVOST ST	1/8 - 1/4 SSE	J47	120
KELLY CLEANERS	***1036 MANHATTAN AVE***	***1/8 - 1/4 WSW***	***49***	***124***
GREEN ROUND EPS OF NY CORP	***65 BOX ST***	***1/8 - 1/4 NW***	***K51***	***124***

Lower Elevation	Address	Dist / Dir	Map ID	Page
EXXON CO USA-BROOKLYN TERMINAL	***320 FREEMAN ST***	***0 - 1/8 E***	***F21***	***23***
INTERFLO TECHNOLOGIES	***393 MCGUINNESS BLVD***	***0 - 1/8 W***	***32***	***79***
SHELL OIL CO	25 PAIDGE AVE	1/8 - 1/4 NNW	G38	97

STATE ASTM STANDARD

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUANTA RESOURCES	37-80 REVIEW AVENUE	1/2 - 1 E	S87	218
ROEHR CHEMICALS INC	***52-20 37TH ST***	***1/2 - 1 E***	***91***	***224***

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 12 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MICHAEL FERONE (BRICK) CO.	247 GREENE ST	0 - 1/8 SSW	D13	16
PRONTO DEMOLITION CORP.	73 PROVOST ST	1/8 - 1/4 SSE	43	101
MANHATTAN AVE. RECYCLING CORP.	1166 MANHATTAN AVE.	1/4 - 1/2 WNW	M58	131
NEW YORK RECYCLERS; INC.(MANHA	1166-68 MANHATTAN AVENU	1/4 - 1/2 WNW	M59	131
RAPID RECYCLING PAPER CORP.	***860 HUMBOLDT STREET***	***1/4 - 1/2 SE***	***P73***	***173***

Lower Elevation	Address	Dist / Dir	Map ID	Page
POLYSTYRENE RECYCLING; INC.	220 DUPONT STREET	0 - 1/8 N	8	10
NYCDOS MTS @GREENPOINT	NORTH HENRY ST. (NEWTOW	1/4 - 1/2 E	55	128
ECONOMY CONTAINER SERVICE	23 ASH ST	1/4 - 1/2 NW	L56	129
GREENPOINT INCINERATOR	***N HENRY ST / KINGSLAND***	***1/4 - 1/2 E***	***57***	***129***

Lower Elevation	Address	Dist / Dir	Map ID	Page
ALLOCCO RECYCLING; INC	540 KINGSLAND AVENUE	1/4 - 1/2 ESE	69	169
SUMMIT CARTING CORP	427 GREENPOINT AVE	1/4 - 1/2 ESE	Q77	202
F.E.S. RECYCLING; INC. (SUMMIT	425 GREENPOINT AVE	1/4 - 1/2 ESE	85	216

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 07/26/2004 has revealed that there are 26 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	247-251 GREEN ST	0 - 1/8 SSW	D14	16
Not reported	64 BOX ST	1/4 - 1/2 NW	K52	125
203 JAVA ST.	203 JAVA ST	1/4 - 1/2 SSW	53	126
132-140 GREEN STREET	132-140 GREEN STREET	1/4 - 1/2 WSW	60	132
BULOVA CORPORATION	77 COMMERCIAL STREET	1/4 - 1/2 WNW	68	168
65 COMMERCIAL ST/BKLYN	65 COMMERCIAL STREET	1/4 - 1/2 WNW	70	169
330 CALYER ST.	330 CALYERE ST.	1/4 - 1/2 SE	P72	172
Not reported - CL	23-30 50TH AVE	1/4 - 1/2 NNE	78	203
10-55 51ST AVE/QUNS/TBTA	10-55 51ST AVENUE	1/4 - 1/2 NNW	R79	203
1055 51 AVENUE	1055 51 AVENUE	1/4 - 1/2 NNW	R80	204
DEPT CONSUMER AFFAIRS	245 MESEROLE AV	1/4 - 1/2 SSE	82	213
PARKING GARAGE	11-15 50TH AVE	1/4 - 1/2 N	83	214
120 JEWEL ST/BKLYN	120 JEWEL ST	1/4 - 1/2 SSE	84	215

Lower Elevation	Address	Dist / Dir	Map ID	Page
320 FREEMAN ST/BKLY/EXXON	320 FREEMAN STREET	0 - 1/8 E	F20	21
25 PAIDGE AVE/BKLYN/SHELL	25 PAIDGE AVENUE	1/8 - 1/4 NNW	G35	91
25 PAIDGE AVENUE/MOBIL S.	25 PAIDGE AVENUE/MOBIL	1/8 - 1/4 NNW	G39	97
29 ASH ST	29 ASH ST	1/4 - 1/2 NW	L54	127
NYC DEP NEWTOWN WASTE TRE	301 GREEN POINT AVE	1/4 - 1/2 SSE	N61	133
NEWTOWN CREEK WATER POLLUTION	***301 GREENPOINT AVENUE***	***1/4 - 1/2 SSE***	***N62***	***134***
NEWTOWN CREEK WATER POLLUTION	***301 GREENPOINT AVENUE***	***1/4 - 1/2 SSE***	***N63***	***139***
DEPT OF CLEAN WATERS	329 GREEN POINT AVE	1/4 - 1/2 SSE	O64	142
NEWTOWN CREEK W.P.C.P.	***329 GREENPOINT AVENUE***	***1/4 - 1/2 SSE***	***O65***	***144***
DEPT OF SANITATION	459 N HENRY ST	1/4 - 1/2 E	66	162
MOBIL/GREENPOINT RECOVERY	MEEKER AVE/GREENPOINT	1/4 - 1/2 SE	71	171
51-02 21 ST	51-02 21 ST	1/4 - 1/2 N	74	174
FINK BAKING CORP	***5-35 54TH AVE***	***1/4 - 1/2 NW***	***81***	***206***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HARCO CHEMICAL COATINGS INC.	***208 DUPONT ST.***	***0 - 1/8 NNW***	***B9***	***10***

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WING GONG LAUNDRY INC	240-244 HURON ST	1/8 - 1/4 SSW	H40	98
WING GONG LAUNDRY	240 HURON ST	1/8 - 1/4 SSW	H41	99
FIRE COMMUNICATIONS/MANHATTAN	79TH STREET TRANSVERSE	1/8 - 1/4 SSW	H42	100
PULASKI SERVICE STATION	***321 MCGUINESS BOULEVARD***	***1/8 - 1/4 SSW***	***I44***	***102***
GETTY 58088	315 MCGUINNESS BLVD	1/8 - 1/4 SSW	I45	108
BARMARI, INC.	301 MCGUINNESS BOULEVAR	1/8 - 1/4 SSW	46	112
41-55 PROVOST CO	41-55 PROVOST ST	1/8 - 1/4 SSE	J48	121

Lower Elevation	Address	Dist / Dir	Map ID	Page
EXXON COMPANY,USA	***320 FREEMAN ST***	***0 - 1/8 E***	***F28***	***31***

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 CBS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HARCO CHEMICAL COATINGS INC.	***208 DUPONT ST.***	***0 - 1/8 NNW***	***B9***	***10***

Lower Elevation	Address	Dist / Dir	Map ID	Page
EXXON COMPANY, U.S.A.	320 FREEMAN STREET	0 - 1/8 E	F22	24
MOTIVA ENTERPRISES LLC	***25 PAIDGE AVENUE***	***1/8 - 1/4 NNW***	***G36***	***92***

MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 MOSF UST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
EXXON COMPANY USA	***320 FREEMAN STREET***	***0 - 1/8 E***	***F30***	***35***
MOTIVA ENTERPRISES, LLC	***25 PAIDGE AVENUE***	***1/8 - 1/4 NNW***	***G34***	***81***
METRO TERMINALS CORP.	***498 KINGSLAND AVENUE***	***1/4 - 1/2 ESE***	***75***	***175***

SWRCY: Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 09/10/2004 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
RAPID RECYCLING PAPER CORP.	*860 HUMBOLDT STREET*	*1/4 - 1/2 SE*	*P73*	*173*

STATE OR LOCAL ASTM SUPPLEMENTAL

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 CBS AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HARCO CHEMICAL COATINGS INC.	*208 DUPONT ST.*	*0 - 1/8 NNW*	*B9*	*10*

Lower Elevation	Address	Dist / Dir	Map ID	Page
MOTIVA ENTERPRISES LLC	*25 PAIDGE AVENUE*	*1/8 - 1/4 NNW*	*G36*	*92*

MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 5 MOSF AST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
EXXON COMPANY USA	*320 FREEMAN STREET*	*0 - 1/8 E*	*F30*	*35*
MOTIVA ENTERPRISES, LLC	*25 PAIDGE AVENUE*	*1/8 - 1/4 NNW*	*G34*	*81*
DITMAS OIL-LONG ISLAND CITY	53-02 11TH ST.	1/4 - 1/2 NNW	67	163
METRO TERMINALS CORP.	*498 KINGSLAND AVENUE*	*1/4 - 1/2 ESE*	*75*	*175*
FORMER MOBIL GREENPOINT TERMIN	403 GREENPOINT AVENUE	1/4 - 1/2 ESE	Q76	197

SPILLS: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 07/26/2004 has revealed that there are 14 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
EAGLE & PROVOST STS/BKLYN	EAGLE / PROVOST STS	0 - 1/8 ESE	A4	7
266 FREEMAN ST/BROOKLYN	266 FREEMAN STREET	0 - 1/8 S	5	8
GREEN ST & PROVOST/BKLYN	GREEN ST / PROVOST	0 - 1/8 SSE	C11	14
Not reported	242 EAGLE ST	0 - 1/8 W	12	15

Lower Elevation	Address	Dist / Dir	Map ID	Page
99 PAIGE AVE	99 PAIGE AVE	0 - 1/8 NE	E17	18
WILLIAMSBURG STEEL	99 PAIDGE AV	0 - 1/8 NE	E18	19
BROOKLYN EXXON TERMINAL	320 FREEMAN STREET	0 - 1/8 E	F19	20
NYC NEWTON CREEK WPCP	320 FREEMAN ST	0 - 1/8 E	F23	25
320 FREEMAN ST/BKLYN	320 FREEMAN STREET	0 - 1/8 E	F24	27
320 FREEMAN ST/EXXON TERM	320 FREEMAN ST	0 - 1/8 E	F25	28
EXXON CORP/320 FREEMAN AV	320 FREEMAN AVENUE	0 - 1/8 E	F26	29
320 FREEMAN ST/EXXON TERM	320 FREEMAN STREET	0 - 1/8 E	F27	30
320 FREEMAN ST/BKLYN/EXXO	320 FREEMAN STREET	0 - 1/8 E	F29	34
OVERSEAS ASSOC	400 MCGUINESS BLVD	0 - 1/8 WNW	31	78

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 mile of the target property.

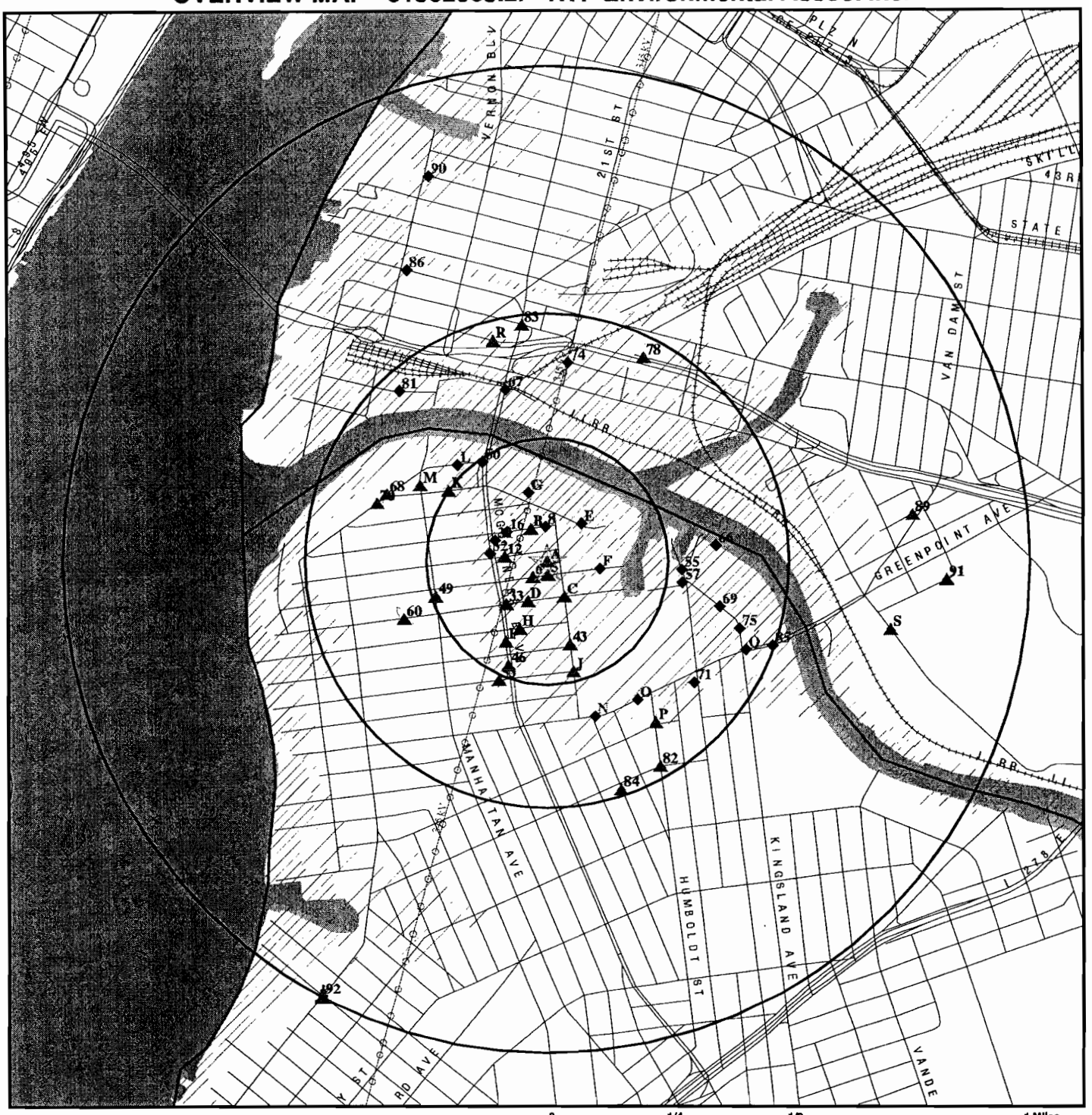
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WILLIAMSBURGH GAS LIGHT CO.	41 N. 11TH ST.	1/2 - 1 SSW	92	233

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
MATHESON LEAD CO	CERC-NFRAP
WASTE MANAGEMENT OF NY;LLC (75 THO	SWF/LF
EVANS CONTAINER CORP.	SWF/LF
B. MANZO & SONS	SWF/LF
931 GREEN AVE	LTANKS
BUCKEYE PIPE LINE CO LP KINGSLAND	RCRIS-SQG
T11	RCRIS-SQG
MH64829	RCRIS-SQG
GREEN AVE & GRAND ST	NY Spills
MANHOLE #729	NY Spills
MANHOLE #2014	NY Spills
MANHOLE 2014	NY Spills
MANHOLE #1880	NY Spills
1339 GREEN AVE	NY Spills
1339 GREEN AVE	NY Spills
MANHOLE #62845	NY Spills
VACANT AREA	NY Spills
MANHOLE #64807	NY Spills
MCGUINNESS BVD/LEONARD ST	NY Spills
VERRAZANO BRIDGE	NY Spills
SERVICE BOX 49009	NY Spills
MANHOLE #2014	NY Spills
MANHOLE 2014	NY Spills
MANHOLE #724	NY Spills
TM 2470	NY Spills

OVERVIEW MAP - 01302903.2r - RTP Environmental Assoc. Inc.

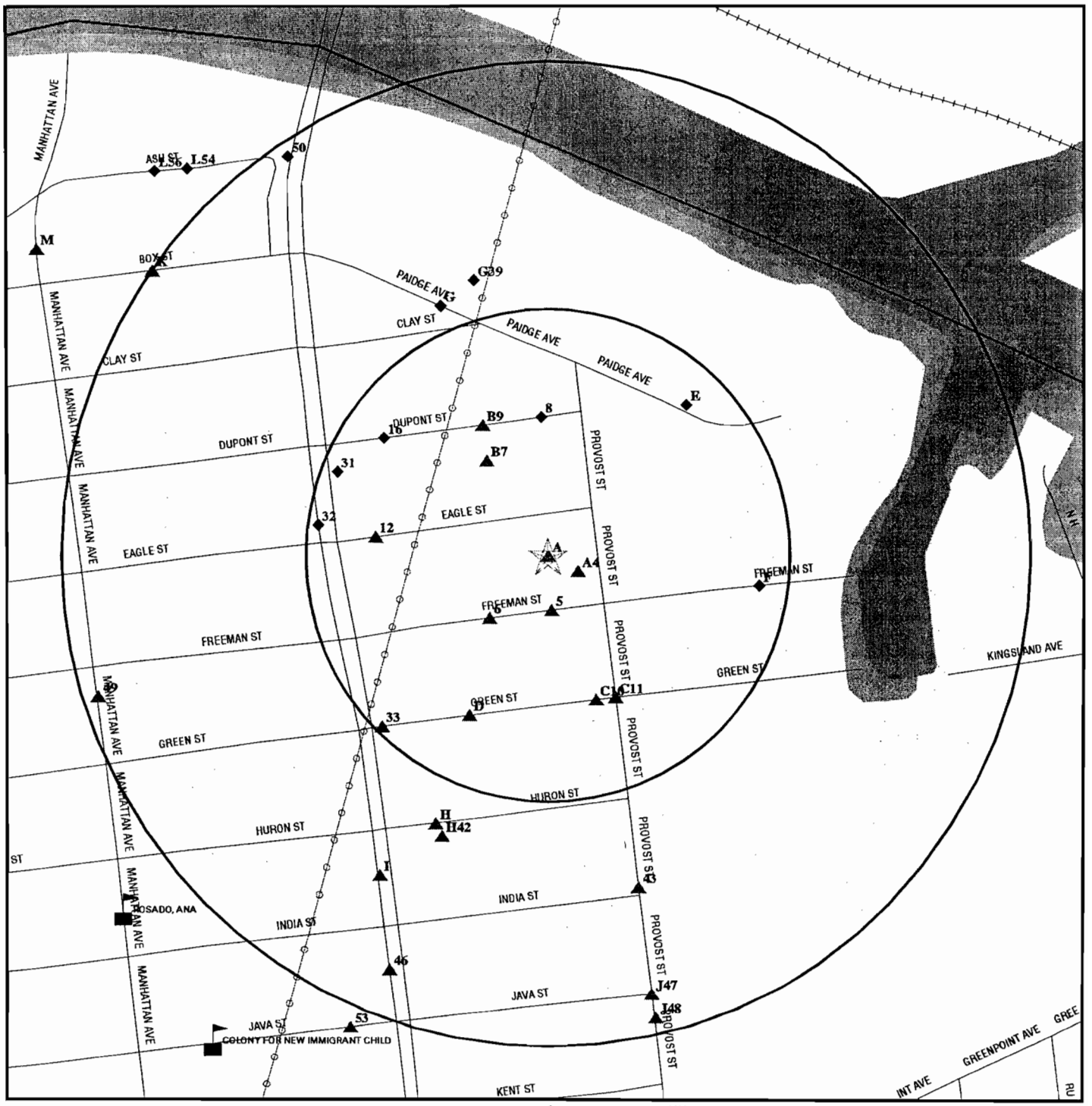


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- State Wetlands

TARGET PROPERTY:	Ney Smelting	CUSTOMER:	RTP Environmental Assoc. Inc.
ADDRESS:	269 Freeman St.	CONTACT:	Omar Minnicks
CITY/STATE/ZIP:	Brooklyn NY 11222	INQUIRY #:	01302903.2r
LAT/LONG:	40.7353 / 73.9505	DATE:	November 08, 2004 9:33 am

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DETAIL MAP - 01302903.2r - RTP Environmental Assoc. Inc.



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- Federal Wetlands
- State Wetlands

TARGET PROPERTY:	Ney Smelting	CUSTOMER:	RTP Environmental Assoc. Inc.
ADDRESS:	269 Freeman St.	CONTACT:	Omar Minnicks
CITY/STATE/ZIP:	Brooklyn NY 11222	INQUIRY #:	01302903.2r
LAT/LONG:	40.7353 / 73.9505	DATE:	November 08, 2004 9:34 am

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	4	NR	4
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	1	2	NR	NR	NR	3
RCRIS Sm. Quan. Gen.		0.250	7	5	NR	NR	NR	12
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	2	NR	2
State Landfill		0.500	2	1	9	NR	NR	12
LTANKS		0.500	2	2	22	NR	NR	26
UST		0.250	2	7	NR	NR	NR	9
CBS UST		0.250	2	1	NR	NR	NR	3
MOSF UST		0.500	1	1	1	NR	NR	3
VCP		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	1	NR	NR	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS	X	TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
HSWDS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		TP	NR	NR	NR	NR	NR	0
CBS AST		0.250	1	1	NR	NR	NR	2
MOSF AST		0.500	1	1	3	NR	NR	5
NY Spills		0.125	14	NR	NR	NR	NR	14
DEL SHWS		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
SPDES		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	1	NR	1
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Brownfields		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **NEY SMELTING & REFINING CO** **FTTS INSP** **1007287999**
Target **269 FREEMAN ST** **N/A**
Property **BROOKLYN, NY 11222**

Site 1 of 4 in cluster A

Actual:
10 ft.

FTTS:

Case Number:	Not reported
Docket Number:	EPCRA-95-0206
Complaint Issued:	11/16/1994
Complaint Closed:	Not reported
Abatement Amount:	0
Proposed Penalty:	71973
Final Assessment:	25190
Final Order Date:	04/10/1995
Close Date:	Not reported
Violation:	EPCRA, Nonreporting/Failure to RPT to EPA, EPCRA, Failure to Report to State

FTTS Insp:

Region:	2
Inspected Date:	12/16/1993
Insp Number:	19931216E2002 1
Violation occurred:	No
Inspector:	A. LESCHINSKY, TZ
Investigation Type:	EPCRA, Enforcement, SEE Conducted
Facility Function:	Processor
Investig Reason:	Not reported
Legislation Code:	EPCRA

A2 **NEY SMELTING & REFINING CO. INC.** **TRIS** **1000895924**
Target **269 FREEMAN ST.** **11222NYSML26**
Property **BROOKLYN, NY 11222**

Site 2 of 4 in cluster A

Actual:
10 ft.

A3 **NEY SMELTING & REFINING COMPANY INCORPORATED** **FINDS** **1004569283**
Target **269 FREEMAN ST.** **110000323463**
Property **BROOKLYN, NY 11222**

Site 3 of 4 in cluster A

Actual:
10 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Integrated Compliance Information
National Compliance Data Base
National Emissions Inventory
Toxics Release Inventory

A4 **EAGLE & PROVOST STS/BKLYN** **NY Spills** **S102145782**
ESE **EAGLE / PROVOST STS** **N/A**
< 1/8 **NEW YORK CITY, NY**
91 ft.

Site 4 of 4 in cluster A

Relative:
Equal

Actual:
10 ft.

SPILLS:

Spill Number:	9001295	Region of Spill:	2
Spill Date:	05/03/1990 08:00	Reported to Dept:	05/03/90 12:18
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Abandoned Drums	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	WILSON	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	CITIZEN DISCOVERED 6) 5GALLON CANS, NYCDEP HAZMAT, OEM NOTIFIED.		
Spill Class:	Not reported		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1	
Quantity Spilled:	30	
Units:	Gallons	
Unknown Qty Spilled:	30	
Quantity Recovered:	0	
Unknown Qty Recovered:	False	
Material:	WASTE OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		WASTE OIL
Last Date:		09/27/1994
Num Times Material Entry In File:		9509

Spill Closed Dt:	05/03/90		
Spill Notifier:	Federal Government	PBS Number:	Not reported
Cleanup Ceased:	05/03/90		
Last Inspection:	/ /	Cleanup Meets Std:	True
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	/ /		
Is Updated:	False		
Corrective Action Plan Submitted:		/ /	
Date Spill Entered In Computer Data File:		05/11/90	
Date Region Sent Summary to Central Office:		/ /	
True Date :	Not reported		

5 South < 1/8 145 ft. **266 FREEMAN ST/BROOKLYN**
266 FREEMAN STREET
NEW YORK CITY, NY

NY Spills **S102141960** **N/A**

Relative: Higher

Actual: 11 ft.

SPILLS:

Spill Number:	8905039	Region of Spill:	2
Spill Date:	08/21/1989 12:48	Reported to Dept:	08/21/89 13:03
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Human Error	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	OK DEMOLITION		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	1K TANK WITH 2 FUEL OIL FELL OFF FORK LIFT, TRIED TO FLUSH SPILL INTOSEWER, DEC TO INVESTIGATE.		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1	
Quantity Spilled:	250	
Units:	Gallons	
Unknown Qty Spilled:	250	
Quantity Recovered:	0	
Unknown Qty Recovered:	False	
Material:	WASTE OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		WASTE OIL
Last Date:		09/27/1994
Num Times Material Entry In File:		9509

Spill Closed Dt:	12/08/92		
Spill Notifier:	Fire Department	PBS Number:	Not reported
Cleanup Ceased:	12/08/92		
Last Inspection:	/ /	Cleanup Meets Std:	True
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	12/10/92		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	12/07/89		
Date Region Sent Summary to Central Office:	/ /		

266 FREEMAN ST/BROOKLYN (Continued) **S102141960**

True Date : Not reported

6
SW
< 1/8
230 ft.

Relative:
Higher

Actual:
11 ft.

BAY CRANE SERVICE INC **RCRIS-SQG 1004760478**
255 FREEMAN ST **FINDS NYR000046383**
BROOKLYN, NY 11222

RCRIS:
Owner: BAY CRANE SERVICE INC
(516) 937-1523
EPA ID: NYR000046383
Contact: HENDERSON JACKMAN
(516) 937-1523
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

B7
NNW
< 1/8
305 ft.

Relative:
Equal

Actual:
10 ft.

HARCO CHEMICAL COATINGS INCORPORATED **RCRIS-SQG 1000175371**
208 DUPONT STREET **FINDS NYD001289131**
BROOKLYN, NY 11222

Site 1 of 2 in cluster B

RCRIS:
Owner: HARCO CHEMICAL COATINGS
(212) 555-1212
EPA ID: NYD001289131
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
National Emissions Inventory
Resource Conservation and Recovery Act Information system
Toxics Release Inventory

8
North
< 1/8
373 ft.

POLYSTYRENE RECYCLING; INC.
220 DUPONT STREET
BROOKLYN, NY 11222

SWF/LF **S105842285**
N/A

Relative:
Lower

Actual:
9 ft.

LF:

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	2125862717	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported		
	Not reported		
	Not reported		
Owner Email :	Not reported	Owner Phone :	Not reported
Contact Name :	CHRIS MCGRATH		
Contact Address :	Not reported		
	Not reported		
	Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	Source separated solid waste recyclables		
Activity Number :	24M83		
Active :	No	Accuracy Code :	Not reported
North Coordinate :	Not reported	East Coordinate :	Not reported
Regulatory Status	Permit		
Waste Type :	Not reported		
Authorization # :	2-6101-00024	Authorization Date :	Not reported
Expiration Date :	Not reported		

B9
NNW
< 1/8
394 ft.

HARCO CHEMICAL COATINGS INC.
208 DUPONT ST.
BROOKLYN, NY 11222

TRIS **1001198638**
UST **11222HRLCH20**
CBS UST
CBS AST

Site 2 of 2 in cluster B

Relative:
Equal

Actual:
10 ft.

CBS UST:

CBS Number:	2-000010	ICS No:	2-125062
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	HERBERT WALLENSTEIN	Facility Tel:	(718) 389-3777
Emergency Contact:	HERBERT WALLENSTEIN, (718) 389-3777		
Certification Date:	12/17/1996	Expiration Date:	02/03/1999
Owner:	HARCO CHEMICAL COATINGS		
Owner Address:	208 DUPONT ST. BROOKLYN, NY 11222		
Owner Phone	(718) 389-3777		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	HARCO CHEMICAL COATINGS		
Mail Address	208 DUPONT ST. BROOKLYN, NY 11222 ATTN: HERBERT WALLENSTEIN (718) 389-3777		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	5000 Gals
Tank Location:	Underground		
Install Date:	12/60		
CAS No:	108883		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)

HARCO CHEMICAL COATINGS INC. (Continued) **1001198638**

Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	Excavation/Tranch Liner	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	Toluene		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	02/03/1989 09:22:20
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	Not reported
Renew Date:	11/02/92	Date Expired:	02/03/95
Total Capacity:	0		
Tank Number:	00001		

CBS AST:

CBS Number:	2-000010	Telephone:	(718) 389-3777
Owner:	HARCO CHEMICAL COATINGS 208 DUPONT ST. BROOKLYN, NY 11222 (718) 389-3777		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	09/84		
Capacity (Gal):	2500		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	3
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Tank Closed:	00/00		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125062
Facility Type:	Manufacturing		
Operator:	HERBERT WALLENSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HERBERT WALLENSTEIN	Emrgncy Phone:	(718) 389-3777
Certified Date:	12/17/1996	Expiration Date:	02/03/1999
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	HARCO CHEMICAL COATINGS		

HARCO CHEMICAL COATINGS INC. (Continued) **1001198638**

Mail Contact:	HERBERT WALLENSTEIN 208 DUPONT ST. BROOKLYN, NY 11222		
Mail Phone:	(718) 389-3777		
Tank Secret:	False	Date Entered:	03/21/1995 11:09:17
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	11/02/92	Date Expired:	02/03/95
Is it There:	False	Is Updated:	False
Owner Status:	F		
Certificate Needs to be Printed:	False		
Fiscal Amt for Registration Fee Correct:	True		
Renewal Has Been Printed for Facility:	True		
Total Capacity of All Active Tanks(gal):	No		
Unique Tank Id Number:	5		
Date Pre-Printed Renewal App Form Was Last Printed:	10/31/1996		

CBS Number:	2-000010	Telephone:	(718) 389-3777
Owner:	HARCO CHEMICAL COATINGS 208 DUPONT ST. BROOKLYN, NY 11222 (718) 389-3777		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	09/84		
Capacity (Gal):	2500		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	2
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Tank Closed:	00/00		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-125062
Facility Type:	Manufacturing		
Operator:	HERBERT WALLENSTEIN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HERBERT WALLENSTEIN	Emrgncy Phone:	(718) 389-3777
Certified Date:	12/17/1996	Expiration Date:	02/03/1999
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	HARCO CHEMICAL COATINGS		
Mail Contact:	HERBERT WALLENSTEIN 208 DUPONT ST. BROOKLYN, NY 11222		
Mail Phone:	(718) 389-3777		

HARCO CHEMICAL COATINGS INC. (Continued) **1001198638**

Tank Secret:	False	Date Entered:	03/21/1995 11:09:30
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	11/02/92	Date Expired:	02/03/95
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	No
Unique Tank Id Number:	6
Date Pre-Printed Renewal App Form Was Last Printed:	10/31/1996

PBS UST:

PBS Number:	2-603674	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	HERBERT WALLENSTEIN (718) 389-3777		
Emergency Contact:	HERBERT WALLENSTEIN (718) 389-3777		
Total Tanks:	0		
Owner:	HERCO CHEMICAL COATINGS 208 DUPONT STREET KINGS, NY 11222 (718) 389-3777		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	HARCO CHEMICAL COATINGS ATTN: HERBERT WALLENSTEIN 208 DUPONT STREET BROOKLYN, NY 11222 (718) 389-3777		
Tank Status:	Closed - In Place		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	00004	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1998	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	09/29/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		

HARCO CHEMICAL COATINGS INC. (Continued) **1001198638**

Lat/long: Not reported
Facility Type: Not reported
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

C10 **REPUBLIC METALS CO INC** **RCRIS-SQG 1000424134**
SSE **273 GREEN ST** **FINDS NYD001213156**
< 1/8 **BROOKLYN, NY 11222**
405 ft.

Site 1 of 2 in cluster C

Relative: Higher

Actual: 11 ft.

RCRIS:
Owner: REPUBLIC METALS COMPANY INC
(212) 555-1212
EPA ID: NYD001213156
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

C11 **GREEN ST & PROVOST/BKLYN** **NY Spills S102146147**
SSE **GREEN ST / PROVOST** **N/A**
< 1/8 **NEW YORK CITY, NY**
419 ft.

Site 2 of 2 in cluster C

Relative: Equal

Actual: 10 ft.

SPILLS:

Spill Number:	9011235	Region of Spill:	2
Spill Date:	01/23/1991 14:00	Reported to Dept:	01/23/91 14:01
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	Groundwater
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MILLER	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	BUCKEYE?		
Spiller Address:	P O BOX 606-JFK JAMAICA, NY 11430		

DEC Remarks : 02/25/91: EXXON INVESTIGATING ALONG GREEN ST WITHIN MONTH FAILED TO INDENTIFY A SUBSURFACE FLOATING PRODUCT,NEAREST TEST BORING OF EXXON WITHIN 50FT OF REPORTED BUCKEYE BORING,DEC TO CLOSELY MONITOR SITUATION. 10/10/95: This is additional informati
on about material spilled from the translation of the old spill file:

GREEN ST & PROVOST/BKLYN (Continued) **S102146147**

SLUDGE LIKE MATERIAL.
Remark: BORING NEXT TO PIPELINE FOR ANODE GROUND BED MAGNESIUM),SLUDGE LIKE MATERIAL FOUND IN 3) 20FT BORINGS, DEC MILLER) AT SITE,1/22/91-14:00
Spill Class: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: 02/25/91
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: 02/25/91
Last Inspection: / / Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 03/12/91
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 02/28/91
Date Region Sent Summary to Central Office: / /
True Date : Not reported

12
West
< 1/8
471 ft.

242 EAGLE ST
BROOKLYN, NY

NY Spills **S106004821**
N/A

Relative:
Equal

Actual:
10 ft.

SPILLS:
Spill Number: 0203069 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 06/23/02 Reported to Dept: / /
ID: 7847
Date Call Received: 06/23/02
Region Close Date : 08/02/02
Material Spilled 1 :WASTE OIL Amount Spilled 1 : 110 Gal.
Spill Cause: ON LAND Resource Affected: ON LAND
Water Affected: Not reported Spill Source: UNKNOWN
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

D13 **MICHAEL FERONE (BRICK) CO.** **SWF/LF** **S105841912**
SSW **247 GREENE ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
477 ft.

Site 1 of 3 in cluster D

Relative:
Higher

LF:

Actual:
12 ft.

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	7183830843	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported		
	Not reported		
	Not reported		
Owner Email :	Not reported	Owner Phone :	Not reported
Contact Name :	MICHAEL FERONE; OWNER		
Contact Address :	Not reported		
	Not reported		
	Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	C&D processing - registered		
Activity Number :	24W65		
Active :	No	Accuracy Code :	Not reported
North Coordinate :	Not reported	East Coordinate :	Not reported
Regulatory Status	Not reported		
Waste Type :	Not reported		
Authorization # :	2-6101-00003	Authorization Date :	Not reported
Expiration Date :	Not reported		

D14 **LTANKS** **S105995441**
SSW **247-251 GREEN ST** **N/A**
< 1/8 **BROOKLYN, NY**
477 ft.

Site 2 of 3 in cluster D

Relative:
Higher

LTANKS:

Actual:
12 ft.

Spill Number:	0112015	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	03/21/02	Reported to Dept:	/ /
ID:	3271	Date Call Received:	03/21/02
Material Spilled 1 :	DIESEL	Amount Spilled 1 :	Unknown Gal.
Region Close Dt :	/ /		
Resource Affectd:	ON LAND		
Spill Cause:	TANK FAILURE		
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL

Spill Number:	0112015	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	03/21/02	Reported to Dept:	/ /
ID:	3272	Date Call Received:	03/21/02
Material Spilled 1 :	DIESEL	Amount Spilled 1 :	Unknown Gal.
Region Close Dt :	/ /		
Resource Affectd:	ON LAND		
Spill Cause:	TANK FAILURE		
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
D15 SSW < 1/8 477 ft.	**CINER CHEMICAL & REFINING CO INC** **247 GREEN ST** **BROOKLYN, NY 11222**	**RCRIS-SQG FINDS**	**1000210035 NYD046821070**

Site 3 of 3 in cluster D

Relative: Higher

Actual: 12 ft.

RCRIS:
Owner: Not reported
EPA ID: NYD046821070
Contact: ELI CINER
(718) 383-8900
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
16 NW < 1/8 547 ft.	**AMSCOR INC** **188 DUPONT ST** **BROOKLYN, NY 11222**	**RCRIS-LQG**	**1004571286 NYD986909612**

Relative: Lower

Actual: 9 ft.

RCRIS:
Owner: AMSCOR INC
(212) 555-1212
EPA ID: NYD986909612
Contact: THOMAS KIRONT
(718) 383-4900
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)
D001	4862.39

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

E17 **99 PAIGE AVE** **NY Spills** **S102143570**
NE **99 PAIGE AVE** **N/A**
< 1/8 **BROOKLYN, NY**
552 ft.

Site 1 of 2 in cluster E

Relative:
Lower

Actual:
7 ft.

SPILLS:

Spill Number:	9210719	Region of Spill:	2
Spill Date:	12/16/1992 10:25	Reported to Dept:	12/16/92 10:35
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	Surface Water
Water Affected:	NEWTOWN CREEK	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MILLER	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		

DEC Remarks : 10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN.
Remark: USCG TO DISPATCH TEAM
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Not reported
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

Spill Closed Dt:	12/16/92		
Spill Notifier:	Federal Government	PBS Number:	Not reported
Cleanup Ceased:	12/16/92		
Last Inspection:	/ /	Cleanup Meets Std:	True
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	02/24/93		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	12/17/92		

99 PAIGE AVE (Continued) **S102143570**

Date Region Sent Summary to Central Office: / /
True Date : Not reported

E18 **WILLIAMSBURG STEEL** **NY Spills** **S102401855**
NE **99 PAIDGE AV** **N/A**
< 1/8 **BROOKLYN, NY**
552 ft.

Site 2 of 2 in cluster E

Relative:
Lower

Actual:
7 ft.

SPILLS:

Spill Number:	9605209	Region of Spill:	2
Spill Date:	07/17/1996 10:00	Reported to Dept:	07/22/96 17:31
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MULQUEEN	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
Spiller Address:	Not reported		

DEC Remarks : SOIL BORING AND WELL INSTALLATION JUST INSIDE BAY DOOR ALONG PROVOST STREET CAME UP WITH PETROLEUM CONTAMINATED SOILS AND POSSIBLY GROUNDWATER. SITE IS ADJACENT TO FORMER EXXON TERMINAL.

Remark: caller reports company did test bore on jul 17th and found ground contamination of unk petroleum product

Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

Spill Closed Dt:	/ /		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /	Cleanup Meets Std:	False
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /

WILLIAMSBURG STEEL (Continued) **S102401855**

Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 09/19/96
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/22/96
Date Region Sent Summary to Central Office: / /
True Date : Not reported

F19 **BROOKLYN EXXON TERMINAL** **NY Spills** **S102145531**
East **320 FREEMAN STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
580 ft.

Site 1 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

SPILLS:
Spill Number: 8907186 Region of Spill: 2
Spill Date: 10/20/1989 20:30 Reported to Dept: 10/20/89 21:13
ID: Not reported
Dt Call Received: Not reported Region Close Date Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Spill Cause: Human Error Resource Affected: On Land
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: (718) 706-4176
Investigator: TOMASELLO SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: EXXON
Spiller Address: Not reported
DEC Remarks : 10/20/89: USCG ON SCENE, DISCHARGE INTO WATER, NRC NOTIFIED, CAN T LOCATE SOURCE OF SPILL.
Remark: RECEIVING PIPELINE DELIVERY, VALVE WASN T FULLY OPEN, GASKET RUPTURED GAS ESCAPED, PIPELINE WAS SHUT DOWN, WILL REPLACE GASKET, DEC INVESTIGATED, CONTAMINATED SOIL TO BE STOCK PILED.
Spill Class: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
Spill Closed Dt: 10/20/89
Spill Notifier: Responsible Party PBS Number: Not reported

BROOKLYN EXXON TERMINAL (Continued) **S102145531**

Cleanup Ceased: 10/20/89
Last Inspection: / /
Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 01/25/90
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 12/07/89
Date Region Sent Summary to Central Office: / /
True Date : Not reported

F20 **320 FREEMAN ST/BKLY/EXXON** **LTANKS** **S100146879**
East **320 FREEMAN STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
580 ft.

Site 2 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

LTANKS:
Spill Number: 9012950
Region of Spill: 2
Spill Date: 03/19/1991 15:30
Reported to Dept: 03/19/91 15:54
ID: Not reported
Date Call Received:Not reported
Material Spilled 1 :Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported
Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported
Facility Tele: Not reported
Investigator: MILLER
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: EXXON
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 04/02/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported

320 FREEMAN ST/BKLY/EXXON (Continued) **S100146879**

Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: 03/19/91: WHOLE PLANT TO BE DEMOLISHED,WILL INSTALL OBSERVATION WELL.
Spill Cause: ACCUMULATOR TANK SIZE 10FT DIAMETER BY 6FT LENGTH INSTALLED VERTICALLYPA RTIALLY ABOVEGROUND,UPON TANK PULL,CONTAMINATED SOIL WAS DISCOVERED,WATE R FROM WHALE CREEK SEEPED INTO EXCAVATION SITE.

Spill Number: 9101866
Region of Spill: 2
Spill Date: 05/16/1991 11:00
Reported to Dept: 05/16/91 11:10
ID: Not reported
Date Call Received: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Failure
Water Affected: Not reported
Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported
Facility Tele: Not reported
Investigator: ROMMEL
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: EXXON
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Spill Closed Dt: / /
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 11/07/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/23/91
Date Region Sent Summary to Central Office: / /
Tank Test:

320 FREEMAN ST/BKLY/EXXON (Continued) **S100146879**

PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: OIL DISCOVERED WHILE EXCAVATING UNDERGROUND TANKS, DEC TO INVESTIGATE.

F21 **EXXON CO USA-BROOKLYN TERMINAL** **RCRIS-SQG 1000335560**
East **320 FREEMAN ST** **FINDS NYD063855746**
< 1/8 **BROOKLYN, NY 11222**
580 ft.

Site 3 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

RCRIS:
Owner: EXXON COMPANY USA
(212) 555-1212
EPA ID: NYD063855746
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

CT MANIFEST

Click this hyperlink while viewing on your computer to access additional CT MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system

F22
East
< 1/8
580 ft.

Relative:
Lower

Actual:
8 ft.

EXXON COMPANY, U.S.A.
320 FREEMAN STREET
BROOKLYN, NY 11222

Site 4 of 12 in cluster F

CBS UST **S102235261**
N/A

CBS UST:

CBS Number:	2-000218	ICS No:	2-167985
PBS No:	Not reported	MOSF No:	2-1300
Region:	STATE	Town:	NEW YORK CITY
Operator:	R.O. FJELSTAD	Facility Tel:	(718) 389-9025
Emergency Contact:	C.P. KRAMER, (210) 474-3505		
Certification Date:	03/07/1991	Expiration Date:	03/07/1993
Owner:	EXXON COMPANY, U.S.A.		
Owner Address:	P.O. BOX 4415 HOUSTON, TX 77210		
Owner Phone	(713) 474-3505		
Owner Type:	Corporate/Commercial		
Facility Type:	STORAGE TERMINAL		
Mail To:	EXXON COMPANY, U.S.A.		
Mail Address	320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT O. FJELSTAD (718) 389-9025		
SPDES No:	0-005339	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	4000 Gals
Tank Location:	Underground		
Install Date:	01/87		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Fiberglass coated steel	2nd Containmt:	Double-Walled
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	45		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	20
Leak Detection:	Electronic		
Overfill Protection:	0		
Chemical:	Xylene (mixed)		
Tank Closed:	03/91		
Tank Secret:	False	Date Entered:	03/06/1991 11:13:28
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	False
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	73|56|52 / 40|44|06
Renew Date:	/ /	Date Expired:	03/07/93
Total Capacity:	0		
Tank Number:	AD1		

CBS Number:	2-000218	ICS No:	2-167985
PBS No:	Not reported	MOSF No:	2-1300
Region:	STATE	Town:	NEW YORK CITY
Operator:	R.O. FJELSTAD	Facility Tel:	(718) 389-9025

EXXON COMPANY, U.S.A. (Continued) **S102235261**

Emergency Contact:	C.P. KRAMER, (210) 474-3505		
Certification Date:	03/07/1991	Expiration Date:	03/07/1993
Owner:	EXXON COMPANY, U.S.A.		
Owner Address:	P.O. BOX 4415 HOUSTON, TX 77210		
Owner Phone	(713) 474-3505		
Owner Type:	Corporate/Commercial		
Facility Type:	STORAGE TERMINAL		
Mail To:	EXXON COMPANY, U.S.A.		
Mail Address	320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT O. FJELSTAD (718) 389-9025		
SPDES No:	0-005339	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	4000 Gals
Tank Location:	Underground		
Install Date:	01/87		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Fiberglass coated steel	2nd Containmt:	Double-Walled
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	45		
Pipe Internal:	None	Pipe Location:	Underground
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	20
Leak Detection:	Electronic		
Overfill Protection:	0		
Chemical:	Xylene (mixed)		
Tank Closed:	03/91		
Tank Secret:	False	Date Entered:	03/06/1991 11:13:40
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	False
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	73|56|52 / 40|44|06
Renew Date:	/ /	Date Expired:	03/07/93
Total Capacity:	0		
Tank Number:	AD2		

F23
East
< 1/8
580 ft.

Relative:
Lower

Actual:
8 ft.

NYC NEWTON CREEK WPCP **NY Spills** **S103569338**
320 FREEMAN ST **N/A**
BROOKLYN, NY

Site 5 of 12 in cluster F

SPILLS:

Spill Number:	9601620	Region of Spill:	2
Spill Date:	05/01/1996 15:00	Reported to Dept:	05/01/96 15:42
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Other	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	UNKNOWN	Facility Tele:	Not reported

NYC NEWTON CREEK WPCP (Continued) **S103569338**

Investigator:	TANG	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	STEVE SCHMALLER	Spiller Phone:	(718) 595-4363
Spiller:	UNKNOWN		
Spiller Address:	UNKNOWN UNKNOWN		
DEC Remarks :	AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED SO LONG AGO, AND THE REMARKS INDICATE THAT NO LONG-TERM FOLLOW-UP IS NEEDED; I DECIDED TO CLOSE THIS SPILL.		
Remark:	upon excavtion of soil tank was accidentally hit and pulled out of ground-soil cleaned up		
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1	
Quantity Spilled:	0	
Units:	Gallons	
Unknown Qty Spilled:	No	
Quantity Recovered:	0	
Unknown Qty Recovered:	True	
Material:	WASTE OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		WASTE OIL
Last Date:		09/27/1994
Num Times Material Entry In File:		9509

Spill Closed Dt:	07/31/97		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /	Cleanup Meets Std:	False
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	08/07/97		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
Date Spill Entered In Computer Data File:	05/01/96		
Date Region Sent Summary to Central Office:	/ /		
True Date :	Not reported		

F24 **320 FREEMAN ST/BKLYN** **NY Spills** **S102142203**
East **320 FREEMAN STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
580 ft.

Site 6 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

SPILLS:

Spill Number:	8912333	Region of Spill:	2
Spill Date:	03/27/1990 10:30	Reported to Dept:	03/27/90 15:32
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	Surface Water
Water Affected:	NEWTOWN CREEK	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	(718) 383-4100
Investigator:	TANG	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	PEREZ BORO ASPHALT		
Spiller Address:	Not reported		

DEC Remarks : 03/27/90: DEC INVESTIGATED, OIL FOUND AT VARIOUS LOCATIONS AT FACILITY NEXT DOOR 99 PAIDGE AVE), BULKHEAD SOAKED WITH OIL,OIL IN TRENCHES BEING PUMPED OUTSIDE ON TOP OF BULKHEAD,TO ASSESS EXTENT OF CONTAMINAT. REFER TO 9101866.

Remark: PATCHES ON WATER, USCG TEAM ON SITE.

Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1	
Quantity Spilled:	-1	
Units:	Pounds	
Unknown Qty Spilled:	-1	
Quantity Recovered:	0	
Unknown Qty Recovered:	False	
Material:	WASTE OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		WASTE OIL
Last Date:		09/27/1994
Num Times Material Entry In File:		9509

Spill Closed Dt:	02/04/98		
Spill Notifier:	Federal Government	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /	Cleanup Meets Std:	False
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	/ /	Enforcement Date:	/ /
Invstgn Complete:	/ /	UST Involvement:	False
Spill Record Last Update:	02/10/98		
Is Updated:	False		

320 FREEMAN ST/BKLYN (Continued) **S102142203**

Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/16/90
Date Region Sent Summary to Central Office: / /
True Date : Not reported
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

F25 **320 FREEMAN ST/EXXON TERM** **NY Spills** **S102141281**
East **320 FREEMAN ST** **N/A**
< 1/8 **BKLYN, NY**
580 ft.

Site 7 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

SPILLS:

Spill Number:	9106287	Region of Spill:	2
Spill Date:	09/11/1991 10:00	Reported to Dept:	09/11/91 10:32
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date :	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Unknown
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	GELLER	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		

DEC Remarks : CLOSED DUE TO INSUFFICIENT INFORMATION
Remark: TANK INVOLVED
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

Spill Closed Dt: 10/16/97
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: / /

320 FREEMAN ST/EXXON TERM (Continued) **S102141281**

Last Inspection: / / Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ / Enforcement Date: / /
Invstgn Complete:/ / UST Involvement: False
Spill Record Last Update: 10/16/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/09/91
Date Region Sent Summary to Central Office: / /
True Date : Not reported

F26 **EXXON CORP/320 FREEMAN AV** **NY Spills** **S102144971**
East **320 FREEMAN AVENUE** **N/A**
< 1/8 **NEW YORK CITY, NY**
580 ft.

Site 8 of 12 in cluster F

Relative:
Lower

SPILLS:

Actual:
8 ft.

Spill Number: 8710916 Region of Spill: 2
Spill Date: 03/30/1988 11:00 Reported to Dept: 03/30/88 12:17
ID: Not reported
Dt Call Received: Not reported Region Close Date Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Spill Cause: Equipment Failure Resource Affected: Surface Water
Water Affected: WHALE CREEK Spill Source: Major Facility 400,000 gallons
Facility Contact: Not reported Facility Tele: (718) 706-4162
Investigator: SIGONA SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: EXXON CORP.
Spiller Address: 320 FREEMAN AVENUE
BROOKLYN, NY
DEC Remarks : Not reported
Remark: LEAKING FLANGE ON PIPELINE.LEAK HAS BEEN STOPPED SHEEN ON WATER NEAR DOCK 10 X 50 FEET.
Spill Class: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 5
Units: Gallons
Unknown Qty Spilled: 5
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464

EXXON CORP/320 FREEMAN AV (Continued) **S102144971**

Spill Closed Dt: 03/30/88
Spill Notifier: Responsible Party
Cleanup Ceased: 03/30/88
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: /
Invstgn Complete:/ /
Spill Record Last Update: 06/28/88
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 04/20/88
Date Region Sent Summary to Central Office: / /
True Date : Not reported
PBS Number: Not reported
Cleanup Meets Std:True
Enforcement Date: / /
UST Involvement: False

F27 **320 FREEMAN ST/EXXON TERM** **NY Spills** **S102141616**
East **320 FREEMAN STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
580 ft.

Site 9 of 12 in cluster F

Relative:
Lower

Actual:
8 ft.

SPILLS:
Spill Number: 9004386
Spill Date: 07/20/1990 11:15
ID: Not reported
Dt Call Received: Not reported
Material Spilled 1 :Not reported
Spill Cause: Human Error
Water Affected: Not reported
Facility Contact: Not reported
Investigator: JAMES
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller: EXXON
Spiller Address: Not reported
Region of Spill: 2
Reported to Dept: 07/20/90 11:37
Region Close Date Not reported
Amount Spilled 1 : Not reported
Resource Affected: On Land
Spill Source: Major Facility 400,000 gallons
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported

DEC Remarks : 07/20/90: GASOLINE ON BLACK TOP, SOME SOIL WAS CONTAMINATED, TO AIR OUT SOIL, WILL VAC OUT POND, CONTAIMENT POND PARTIALLY BOOMED OFF,NO SURFACE WATER AFFECTED, 20) 31,000 GAL TANKS WERE DISCOVERED UNDER POND.
Remark: CONTRACTOR DISCONNECTED WRONG PIPE, GASOLINE SPILLED OUT,EXXON WASHINGGASOLINE INTO CONTAINMENT POND, TO VAC OUT PRODUCT, NRC 31777.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: 1
Quantity Spilled: 200
Units: Gallons
Unknown Qty Spilled: 200
Quantity Recovered: 0
Unknown Qty Recovered: False

320 FREEMAN ST/EXXON TERM (Continued) **S102141616**

Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
Spill Closed Dt: 06/20/95
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 06/20/95
Last Inspection: / /
Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 06/20/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/25/90
Date Region Sent Summary to Central Office: / /
True Date : Not reported

F28 **EXXON COMPANY,USA** **UST U003074968**
East **320 FREEMAN ST** **AST N/A**
< 1/8 **BROOKLYN, NY 11222**
580 ft.

Site 10 of 12 in cluster F

Relative:
Lower

PBS UST:

Actual:
8 ft.

PBS Number: 2-600882
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101
Operator: W SANDSJO
(718) 389-0100
Emergency Contact: R A QUINN
(718) 389-0100
Total Tanks: 0
Owner: EXXON COMPANY,USA
P O BOX 4415
HOUSTON, TX 77210
(713) 656-9216
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: EXXON COMPANY,USA
ATTN: W SANDSJO
P.O. BOX 4386
HOUSTON, TX 77210
(718) 389-4306
Tank Status: Administratively Closed (See Site Staus)
Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank Id: UG3
Install Date: 12/01/1986
Tank Type: Steel/carbon steel
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Internal: NONE
Pipe Internal: NONE
Pipe Location: Underground
Pipe Type: STEEL/IRON
Tank External: NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE
Second Containment: OTHER
Leak Detection: NONE/NONE
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/01/1996

EXXON COMPANY,USA (Continued) **U003074968**

Date Closed:	04/01/1998	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	08/28/1992
Old PBS Number:	Not reported	Expiration Date:	08/27/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS AST:

PBS Number:	2-600882	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).		
Facility Type:	OTHER		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	EXXON COMPANY,USA P O BOX 4415 HOUSTON, TX 77210		
Owner Phone:	(713) 656-9216		
Facility Phone:	(718) 389-0100		
Operator:	W SANDSJO		
Emergency Name:	R A QUINN		
Emergency Phone:	(718) 389-0100		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	H1		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	01/01/1929		
Tank Internal:	NONE		
Tank External:	NONE		
Tank Containment:	VAULT/CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	04/01/1998	Test Method:	Not reported
Updated:	True	Deleted:	False

EXXON COMPANY,USA (Continued) **U003074968**

Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	EXXON COMPANY,USA		
Mailing Address:	P.O. BOX 4386		
	HOUSTON, TX 77210		
Mailing Contact:	W SANDSJO		
Mailing Telephone:	(718) 389-4306		
Owner Mark:	First Owner	Expiration Date:	08/27/1997
Certification Flag:	False	Certification Date:	08/28/1992
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS Number:	2-600882	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).		
Facility Type:	OTHER		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	EXXON COMPANY,USA		
	P O BOX 4415		
	HOUSTON, TX 77210		
Owner Phone:	(713) 656-9216		
Facility Phone:	(718) 389-0100		
Operator:	W SANDSJO		
Emergency Name:	R A QUINN		
Emergency Phone:	(718) 389-0100		
Total Tanks:	0		
Total Capacity:	0		
Tank ID:	H2		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	01/01/1929		
Tank Internal:	NONE		
Tank External:	NONE		
Tank Containment:	VAULT/CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
Dispenser Method:	Suction		

EXXON COMPANY,USA (Continued) **U003074968**

Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	04/01/1998	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	EXXON COMPANY,USA		
Mailing Address:	P.O. BOX 4386 HOUSTON, TX 77210		
Mailing Contact:	W SANDSJO		
Mailing Telephone:	(718) 389-4306		
Owner Mark:	First Owner	Expiration Date:	08/27/1997
Certification Flag:	False	Certification Date:	08/28/1992
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	0		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

F29 **East** **< 1/8** **580 ft.** **Relative: Lower** **Actual: 8 ft.**

320 FREEMAN ST/BKLYN/EXXO **NY Spills** **S102141200**
320 FREEMAN STREET **N/A**
NEW YORK CITY, NY

Site 11 of 12 in cluster F

SPILLS:

Spill Number:	9104730	Region of Spill:	2
Spill Date:	08/01/1991 10:35	Reported to Dept:	08/01/91 11:20
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Major Facility 400,000 gallons
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	EXXON		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	TERMINAL BEING DISMANTLED,MANHOLE COVER HAS ONLY 2) BOLTS, TANK WAS PUMPED 2-3 MONTHS AGO,WASTE OIL IN EXCAVATION SITE.		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported

320 FREEMAN ST/BKLYN/EXXO (Continued) **S102141200**

Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 5
Units: Gallons
Unknown Qty Spilled: 5
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: WASTE OIL
Class Type: Petroleum
Chem Abstract Service Number: WASTE OIL
Last Date: 09/27/1994
Num Times Material Entry In File: 9509
Spill Closed Dt: 03/30/95
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: 03/30/95
Last Inspection: / /
Cleanup Meets Std:True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 03/30/95
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 08/07/91
Date Region Sent Summary to Central Office: / /
True Date : Not reported

F30 **EXXON COMPANY USA** **MOSF UST S102633590**
East **320 FREEMAN STREET** **MOSF AST N/A**
< 1/8 **BROOKLYN, NY 11222**
580 ft.

Site 12 of 12 in cluster F

Relative:
Lower

MOSF UST:

Actual:
8 ft.

Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992

EXXON COMPANY USA (Continued) **S102633590**

Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	1
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	2
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		

EXXON COMPANY USA (Continued) **S102633590**

Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	3
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		

EXXON COMPANY USA (Continued) **S102633590**

Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	4
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True

EXXON COMPANY USA (Continued) **S102633590**

Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	5
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		

EXXON COMPANY USA (Continued) **S102633590**

Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	6
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM		

EXXON COMPANY USA (Continued) **S102633590**

	277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	7
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		

EXXON COMPANY USA (Continued) **S102633590**

Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	8
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	9
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None

EXXON COMPANY USA (Continued) **S102633590**

Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	10
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		

EXXON COMPANY USA (Continued) **S102633590**

Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	11
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991

EXXON COMPANY USA (Continued) **S102633590**

Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	12
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415		

EXXON COMPANY USA (Continued) **S102633590**

	HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	13
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /

EXXON COMPANY USA (Continued) **S102633590**

Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	14
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		

EXXON COMPANY USA (Continued) **S102633590**

Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	15
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	16
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000

EXXON COMPANY USA (Continued) **S102633590**

Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	17
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		

EXXON COMPANY USA (Continued) **S102633590**

Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	18
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991

EXXON COMPANY USA (Continued) **S102633590**

Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	19
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA		

EXXON COMPANY USA (Continued) **S102633590**

	P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	20
Tank Location:	Underground		
Install Date:	01/29	Capacity (Gal):	30000
Product:	Other	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	None	Pipe Type:	NONE
Pipe Internal:	None	Dispenser:	0
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	03/92
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		

EXXON COMPANY USA (Continued) **S102633590**

Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	21
Tank Location:	Underground		
Install Date:	01/35	Capacity (Gal):	101598
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	42		
Test Date:	03/90	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0

EXXON COMPANY USA (Continued) **S102633590**

Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	22
Tank Location:	Underground		
Install Date:	01/35	Capacity (Gal):	101598
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	03/90	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	23
Tank Location:	Underground		

EXXON COMPANY USA (Continued) **S102633590**

Install Date:	01/35	Capacity (Gal):	101514
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	03/90	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	24
Tank Location:	Underground		
Install Date:	01/35	Capacity (Gal):	101514
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		

EXXON COMPANY USA (Continued) **S102633590**

Leak Detection:	None		
Overfill Protection:	24		
Test Date:	03/90	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	25
Tank Location:	Underground		
Install Date:	01/35	Capacity (Gal):	101556
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	08/85	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER

EXXON COMPANY USA (Continued) **S102633590**

Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	26
Tank Location:	Underground		
Install Date:	01/49	Capacity (Gal):	101514
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	08/85	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505

EXXON COMPANY USA (Continued) **S102633590**

Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	27
Tank Location:	Underground		
Install Date:	01/49	Capacity (Gal):	101976
Product:	Empty	Tank Internal:	Fiberglass Liner (FRP)
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	12/87	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD		

EXXON COMPANY USA (Continued) **S102633590**

	(718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	28
Tank Location:	Underground		
Install Date:	01/49	Capacity (Gal):	101934
Product:	Empty	Tank Internal:	Fiberglass Liner (FRP)
Tank Type:	Steel/carbon steel		
Tank External:	Impressed Current		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	12/87	Date Closed:	09/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		

EXXON COMPANY USA (Continued) **S102633590**

Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	60
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	489006
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	09/87	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	61

EXXON COMPANY USA (Continued) **S102633590**

Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	489006
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	11/87	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	62
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	500010
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		

EXXON COMPANY USA (Continued) **S102633590**

Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	02/87	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	63
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	500010
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	11/87	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER

EXXON COMPANY USA (Continued) **S102633590**

Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	64
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	500010
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	12/88	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported

EXXON COMPANY USA (Continued) **S102633590**

Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	65
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	500010
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	10/87	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222		

EXXON COMPANY USA (Continued) **S102633590**

	ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	66
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	500010
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	05/90	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		

EXXON COMPANY USA (Continued) **S102633590**

SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	67
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	249984
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	06/88	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		

EXXON COMPANY USA (Continued) **S102633590**

Applic Rcvd:	02/06/1992	Tank ID:	68
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	124992
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	05/90	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	69
Tank Location:	Underground		
Install Date:	01/54	Capacity (Gal):	124992
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible

EXXON COMPANY USA (Continued) **S102633590**

Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	05/90	Date Closed:	10/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Minor Errors		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	PB1
Tank Location:	Underground		
Install Date:	03/91	Capacity (Gal):	4000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	Double-Walled Tank		
Leak Detection:	Not reported		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	08/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		

EXXON COMPANY USA (Continued) **S102633590**

Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Minor Errors		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	PB2
Tank Location:	Underground		
Install Date:	03/91	Capacity (Gal):	4000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	Double-Walled Tank		
Leak Detection:	Not reported		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	08/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY

EXXON COMPANY USA (Continued) **S102633590**

Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	UG1
Tank Location:	Underground		
Install Date:	01/86	Capacity (Gal):	550
Product:	Other	Tank Internal:	None
Tank Type:	Plastic		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Other		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	00/00
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET		

EXXON COMPANY USA (Continued) **S102633590**

	BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	UG2
Tank Location:	Underground		
Install Date:	03/91	Capacity (Gal):	275
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Other		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	08/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218

EXXON COMPANY USA (Continued) **S102633590**

Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Complete		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		
Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	UG3
Tank Location:	Underground		
Install Date:	12/86	Capacity (Gal):	4000
Product:	Nos. 1, 2, or 4 Fuel Oil	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Other		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	00/00
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1300	Facility Status:	NO LONGER A MAJOR FACILITY
SWIS Code:	61	Facility Town:	NEW YORK CITY
Tank Status:	0	Federal Id No	Not reported
Operator:	C.P. KRAMER	Contact Phone:	(201) 474-3505
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216	Owner Type:	UNDEFINED
Mail To:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222 ATTN: ROBERT FJELSTAD (718) 389-9025		
Owner Status:	1	COI Date:	/ /
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		
Date Filed:	10/72	CBS Number:	2-000218
Emerg Contact:	C.P. KRAMER, (201) 474-3505		
SPDES Num:	0-005339		
Total Tanks:	0	Total Capacity:	0
Tank Status:	Temp. Out of Service		
Status of Data:	Major Errors		
Avg Throughput:	5135	License Stat:	Not reported
License Issued:	10/23/1991	Expiration Date:	03/31/1992
Facility Type:	Storage Terminal		

EXXON COMPANY USA (Continued) **S102633590**

Transfer Operation:	Vessel/Barge, Pipeline		
Applic Rcvd:	02/06/1992	Tank ID:	VR1
Tank Location:	Underground		
Install Date:	03/91	Capacity (Gal):	0
Product:	Unleaded Gasoline	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	08/91
Lat/Long:	40|44|06 / 73|56|52		
Inspected Date:	/ /		
Inspector Initials:	Not reported		
Owner Mark:	1	Operator Name:	C.P. KRAMER
Prod Xfer Options:	CD	Operator Name:	C.P. KRAMER
Inspector Status:	Not reported	License Issued:	10/23/1991
Vessel Id:	Not reported	Renew Date:	10/30/1991
Pipe Flag:	True	Renew Flag:	True

MOSF AST:

MOSF Number:	2-1300	Telephone:	(201) 474-3505
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216		
Owner Type:	Corporate/Commercial		
Tank Status:	Temp. Out of Service	Tank ID:	29
Total Tanks:	0	Daily Throughput	5135 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/62	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	497028
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	80		
Leak Detection:	None		
Overfill Protection:	24		
Test Date:	11/87	Date Closed:	05/92
Dispensing Mthd:	Submersible		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222		
Mailing Contact:	ROBERT FJELSTAD		
Mailing Phone:	(718) 389-9025		
Pipe Flag:	True		

EXXON COMPANY USA (Continued) **S102633590**

Reserve Flag:	True
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State:	10/72
Name of Emergency Contact:	C.P. KRAMER
Emergency Contact Telephone:	(201) 474-3505
Chemical Bulk Storage Number:	2-000218
Pollution Discharge Elimination System Num:	0-005339
License Status:	License Pending
Date License Application Received:	02/06/1992
Date License Issued:	10/23/1991
Product Transfer Operation:	Vessel/Barge (Including off-shore platform) Pipeline
Operator Name:	C.P. KRAMER
Lat/Long:	40|44|06 / 73|56|52
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1992
Renew Date:	10/30/1991
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-1300	Telephone:	(201) 474-3505
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216		
Owner Type:	Corporate/Commercial		
Tank Status:	Temp. Out of Service	Tank ID:	H1
Total Tanks:	0	Daily Throughput	5135 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/29	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Nos. 1, 2, or 4 Fuel Oil	Capacity (gal):	275
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	18		
Leak Detection:	None		
Overfill Protection:	46		
Test Date:	Not reported	Date Closed:	08/91
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222		

EXXON COMPANY USA (Continued) **S102633590**

Mailing Contact:	ROBERT FJELSTAD
Mailing Phone:	(718) 389-9025
Pipe Flag:	True
Reserve Flag:	True
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State:	10/72
Name of Emergency Contact:	C.P. KRAMER
Emergency Contact Telephone:	(201) 474-3505
Chemical Bulk Storage Number:	2-000218
Pollution Discharge Elimination System Num:	0-005339
License Status:	License Pending
Date License Application Received:	02/06/1992
Date License Issued:	10/23/1991
Product Transfer Operation:	Vessel/Barge (Including off-shore platform) Pipeline
Operator Name:	C.P. KRAMER
Lat/Long:	40|44|06 / 73|56|52
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1992
Renew Date:	10/30/1991
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-1300	Telephone:	(201) 474-3505
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216		
Owner Type:	Corporate/Commercial		
Tank Status:	Temp. Out of Service	Tank ID:	H2
Total Tanks:	0	Daily Throughput	5135 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/29	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Nos. 1, 2, or 4 Fuel Oil	Capacity (gal):	275
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	18		
Leak Detection:	None		
Overfill Protection:	46		
Test Date:	Not reported	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY

EXXON COMPANY USA (Continued) **S102633590**

Mailing Name: EXXON COMPANY, USA
320 FREEMAN STREET
BROOKLYN, NY 11222
Mailing Contact: ROBERT FJELSTAD
Mailing Phone: (718) 389-9025
Pipe Flag: True
Reserve Flag: True
Legal Agent: C.T. CORP. SYSTEM
277 PARK AVENUE
NEW YORK, NY 10017
Date Legal Agent Filed with Secretary of State: 10/72
Name of Emergency Contact: C.P. KRAMER
Emergency Contact Telephone: (201) 474-3505
Chemical Bulk Storage Number: 2-000218
Pollution Discharge Elimination System Num: 0-005339
License Status: License Pending
Date License Application Received: 02/06/1992
Date License Issued: 10/23/1991
Product Transfer Operation: Vessel/Barge (Including off-shore platform)
Pipeline

Operator Name: C.P. KRAMER
Lat/Long: 40|44|06 / 73|56|52
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: / /
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/1992
Renew Date: 10/30/1991
Inspector Initials: Not reported
COI Date: / /

MOSF Number: 2-1300 Telephone: (201) 474-3505
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: NO LONGER A MAJOR FACILITY
Tank Status: 0
Owner: EXXON COMPANY, USA
P.O. BOX 4415
HOUSTON, TX 77210
Owner Tel: (713) 656-9216
Owner Type: Corporate/Commercial
Tank Status: Temp. Out of Service Tank ID: L1
Total Tanks: 0 Daily Throughput 5135 Gal(s)
Tank Location: Aboveground on crib, rack or cradle
Install Date: Not reported Total Capacity: 0
Tank Type: Steel/carbon steel
Tank External: None
Tank Internal: None
Product: Empty Capacity (gal): 3500
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Gravity
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: None

EXXON COMPANY USA (Continued) **S102633590**

Test Date:	Not reported	Date Closed:	08/91
Dispensing Mthd:	Gravity		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222		
Mailing Contact:	ROBERT FJELSTAD		
Mailing Phone:	(718) 389-9025		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		

Date Legal Agent Filed with Secretary of State:	10/72
Name of Emergency Contact:	C.P. KRAMER
Emergency Contact Telephone:	(201) 474-3505
Chemical Bulk Storage Number:	2-000218
Pollution Discharge Elimination System Num:	0-005339
License Status:	License Pending
Date License Application Received:	02/06/1992
Date License Issued:	10/23/1991
Product Transfer Operation:	Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	C.P. KRAMER		
Lat/Long:	40|44|06 / 73|56|52		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	/ /		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/1992		
Renew Date:	10/30/1991		
Inspector Initials:	Not reported		
COI Date:	/ /		
MOSF Number:	2-1300	Telephone:	(201) 474-3505
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	EXXON COMPANY, USA P.O. BOX 4415 HOUSTON, TX 77210		
Owner Tel:	(713) 656-9216		
Owner Type:	Corporate/Commercial		
Tank Status:	Temp. Out of Service	Tank ID:	L2
Total Tanks:	0	Daily Throughput	5135 Gal(s)
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	Not reported	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank Extemal:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	3500
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	None		

EXXON COMPANY USA (Continued) **S102633590**

Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	08/91
Dispensing Mthd:	Gravity		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	EXXON COMPANY, USA 320 FREEMAN STREET BROOKLYN, NY 11222		
Mailing Contact:	ROBERT FJELSTAD		
Mailing Phone:	(718) 389-9025		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	C.T. CORP. SYSTEM 277 PARK AVENUE NEW YORK, NY 10017		

Date Legal Agent Filed with Secretary of State:	10/72
Name of Emergency Contact:	C.P. KRAMER
Emergency Contact Telephone:	(201) 474-3505
Chemical Bulk Storage Number:	2-000218
Pollution Discharge Elimination System Num:	0-005339
License Status:	License Pending
Date License Application Received:	02/06/1992
Date License Issued:	10/23/1991
Product Transfer Operation:	Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	C.P. KRAMER
Lat/Long:	40|44|06 / 73|56|52
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1992
Renew Date:	10/30/1991
Inspector Initials:	Not reported
COI Date:	/ /

Click this hyperlink while viewing on your computer to access
10 additional NY AST MOSF record(s) in the EDR Site Report.

31
WNW
< 1/8
616 ft.

OVERSEAS ASSOC **NY Spills** **S102663576**
400 MCGUINESS BLVD **N/A**
BROOKLYN NY, NY

Relative:
Lower

Actual:
8 ft.

SPILLS:

Spill Number:	9706680	Region of Spill:	2
Spill Date:	09/03/1997 12:00	Reported to Dept:	09/04/97 12:50
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	PAUL LEIB	Facility Tele:	(718) 383-5314
Investigator:	LUCE	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported

OVERSEAS ASSOC (Continued) **S102663576**

Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: PAUL LEIB
Spiller Phone: (718) 383-5314
Spiller: OVERSEAS ASSOC
Spiller Address: 400 MCGUINESS BLVD
BROOKLYN NY
DEC Remarks : Not reported
Remark: FUEL PUMP LINE BROKE-ALL MATERIALS CONTAINED ON CONCRETE AND HAS BEEN CLEANED UP
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 5
Units: Gallons
Unknown Qty Spilled: 5
Quantity Recovered: 5
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
Spill Closed Dt: 09/04/97
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 09/05/97
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 09/04/97
Date Region Sent Summary to Central Office: / /
True Date : Not reported

32
West
< 1/8
632 ft.

Relative:
Lower

Actual:
9 ft.

INTERFLO TECHNOLOGIES
393 MCGUINNESS BLVD
BROOKLYN, NY 11222

RCRIS-SQG **1000912068**
FINDS **NY0000441139**

INTERFLO TECHNOLOGIES (Continued) **1000912068**

RCRIS:
Owner: YALOS AVILA & ELIYAH
(718) 217-0801
EPA ID: NY0000441139

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 06/02/1994
Actual Date Achieved Compliance: 07/25/1994

Enforcement Action: FINAL IMMINENT HAZARD ORDER
Enforcement Action Date: 06/24/1994
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-GENERAL REQUIREMENTS	19940725

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

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33 **C C BODY SHOP** **RCRIS-SQG 1004760489**
SW **230 GREEN ST** **FINDS NYR000046607**
< 1/8 **BROOKLYN, NY 11222**
642 ft.

Relative:
Higher

Actual:
12 ft.

RCRIS:
Owner: CARLOS CHAZEAU
(718) 937-7094
EPA ID: NYR000046607

Contact: CARLOS CHAZEAU
(718) 937-7094

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

G34 **MOTIVA ENTERPRISES, LLC** **MOSF UST** **S102633646**
NNW **25 PAIDGE AVENUE** **MOSF AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
730 ft.

Site 1 of 6 in cluster G

Relative:
Lower

Actual:
8 ft.

MOSF UST:

Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported
Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222 ATTN: M.A. D'ANTONIO/DAVID BIER (718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported Not reported Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		
SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	C
Tank Location:	Underground		
Install Date:	12/57	Capacity (Gal):	4000
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Other		
Leak Detection:	Groundwater Well		
Overfill Protection:	None		
Test Date:	10/92	Date Closed:	00/00
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222 ATTN: M.A. D'ANTONIO/DAVID BIER (718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported Not reported Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		
SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	D
Tank Location:	Underground		
Install Date:	12/72	Capacity (Gal):	4000
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Other		
Leak Detection:	Groundwater Well		
Overfill Protection:	None		
Test Date:	10/92	Date Closed:	00/00
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported
Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

	ATTN: M.A. D'ANTONIO/DAVID BIER		
	(718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported		
	Not reported		
	Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		
SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	E
Tank Location:	Underground		
Install Date:	12/72	Capacity (Gal):	3000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	Groundwater Well		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	00/00
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported
Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC		
	1100 LOUISIANA STREET		
	HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC		
	25 PAIDGE AVENUE		
	BROOKLYN, NY 11222		
	ATTN: M.A. D'ANTONIO/DAVID BIER		
	(718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported		
	Not reported		
	Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	36
Tank Location:	Underground, vaulted, with access		
Install Date:	01/31	Capacity (Gal):	25000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	Float Vent Valve		
Test Date:	Not reported	Date Closed:	12/90
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported
Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222 ATTN: M.A. D'ANTONIO/DAVID BIER (718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported Not reported Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		
SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Applic Rcvd:	02/24/1999	Tank ID:	37
Tank Location:	Underground, vaulted, with access		
Install Date:	01/31	Capacity (Gal):	25000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	Float Vent Valve		
Test Date:	Not reported	Date Closed:	12/90
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1540	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	NEW YORK
Tank Status:	In Service	Federal Id No	Not reported
Operator:	M.A. D'ANTONIO	Contact Phone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000	Owner Type:	UNDEFINED
Mail To:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222 ATTN: M.A. D'ANTONIO/DAVID BIER (718) 383-4066		
Owner Status:	2	COI Date:	/ /
Legal Agent:	Not reported Not reported Not reported		
Date Filed:	Not reported	CBS Number:	2-000209
Emerg Contact:	J.J. ROGERS, (718) 383-4066		
SPDES Num:	0-006131		
Total Tanks:	11	Total Capacity:	2244400
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	1176000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	39
Tank Location:	Underground, vaulted, with access		
Install Date:	01/31	Capacity (Gal):	25000
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Pipe External:	None		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	Float Vent Valve		
Test Date:	Not reported	Date Closed:	12/90
Lat/Long:	40|44|00 / 73|57|00		
Inspected Date:	06/09/1999		
Inspector Initials:	AS		
Owner Mark:	2	Operator Name:	M.A. D'ANTONIO
Prod Xfer Options:	ACD	Operator Name:	M.A. D'ANTONIO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True

MOSF AST:

MOSF Number:	2-1540	Telephone:	(718) 383-4066
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	H
Total Tanks:	11	Daily Throughput	1176000 Gal(s)
Tank Location:	Aboveground		
Install Date:	07/90	Total Capacity:	2244400
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Nos. 1, 2, or 4 Fuel Oil	Capacity (gal):	1080
Status of Data:	Complete		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	None		
Second Contain:	Vault		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	Not reported
Dispensing Mthd:	Gravity		
SWIS Code:	61	Facility Town:	NEW YORK
Mailing Name:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222		
Mailing Contact:	M.A. D'ANTONIO/DAVID BIER		
Mailing Phone:	(718) 383-4066		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	Not reported Not reported Not reported		

Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	J.J. ROGERS
Emergency Contact Telephone:	(718) 383-4066
Chemical Bulk Storage Number:	2-000209
Pollution Discharge Elimination System Num:	0-006131

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

License Status: License Issued
Date License Application Received: 02/24/1999
Date License Issued: 04/01/1999
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)
Pipeline

Operator Name: M.A. D'ANTONIO
Lat/Long: 40|44|00 / 73|57|00
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 06/09/1999
Owner Status: 2
Owner Mark: 2
LIC Expires: 03/31/2004
Renew Date: 12/11/1998
Inspector Initials: AS
COI Date: / /

MOSF Number: 2-1540 Telephone: (718) 383-4066
Federal ID: Not reported
Facility Type: Storage Terminal
Facility Status: ACTIVE FACILITY
Tank Status: In Service
Owner: MOTIVA ENTERPRISES, LLC
1100 LOUISIANA STREET
HOUSTON, TX 77002
Owner Tel: (713) 277-8000
Owner Type: Corporate/Commercial
Tank Status: In Service Tank ID: F
Total Tanks: 11 Daily Throughput 1176000 Gal(s)
Tank Location: Aboveground
Install Date: 12/86 Total Capacity: 2244400
Tank Type: Steel/carbon steel
Tank External: None
Tank Internal: None
Product: Nos. 1, 2, or 4 Fuel Oil Capacity (gal): 550
Status of Data: Complete
Pipe Location: Aboveground Pipe Type: STEEL/IRON
Pipe Internal: None Dispenser: Suction
Pipe External: None
Second Contain: Concrete Dike
Leak Detection: None
Overfill Protection: 24
Test Date: Not reported Date Closed: Not reported
Dispensing Mthd: Suction
SWIS Code: 61 Facility Town: NEW YORK
Mailing Name: MOTIVA ENTERPRISES, LLC
25 PAIDGE AVENUE
BROOKLYN, NY 11222
Mailing Contact: M.A. D'ANTONIO/DAVID BIER
Mailing Phone: (718) 383-4066
Pipe Flag: True
Reserve Flag: True
Legal Agent: Not reported
Not reported
Not reported
Date Legal Agent Filed with Secretary of State: Not reported

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Name of Emergency Contact:	J.J. ROGERS
Emergency Contact Telephone:	(718) 383-4066
Chemical Bulk Storage Number:	2-000209
Pollution Discharge Elimination System Num:	0-006131
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	M.A. D'ANTONIO
Lat/Long:	40|44|00 / 73|57|00
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	06/09/1999
Owner Status:	2
Owner Mark:	2
LIC Expires:	03/31/2004
Renew Date:	12/11/1998
Inspector Initials:	AS
COI Date:	/ /

MOSF Number:	2-1540	Telephone:	(718) 383-4066
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	G
Total Tanks:	11	Daily Throughput	1176000 Gal(s)
Tank Location:	Aboveground		
Install Date:	06/88	Total Capacity:	2244400
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	550
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	Not reported	Date Closed:	12/90
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK
Mailing Name:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222		
Mailing Contact:	M.A. D'ANTONIO/DAVID BIER		
Mailing Phone:	(718) 383-4066		
Pipe Flag:	True		
Reserve Flag:	True		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Legal Agent:	Not reported
	Not reported
	Not reported
Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	J.J. ROGERS
Emergency Contact Telephone:	(718) 383-4066
Chemical Bulk Storage Number:	2-000209
Pollution Discharge Elimination System Num:	0-006131
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck
	Vessel/Barge (Including off-shore platform)
	Pipeline
Operator Name:	M.A. D'ANTONIO
Lat/Long:	40|44|00 / 73|57|00
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	06/09/1999
Owner Status:	2
Owner Mark:	2
LIC Expires:	03/31/2004
Renew Date:	12/11/1998
Inspector Initials:	AS
COI Date:	/ /

MOSF Number:	2-1540	Telephone:	(718) 383-4066
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	41
Total Tanks:	11	Daily Throughput	1176000 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/48	Total Capacity:	2244400
Tank Type:	Steel/carbon steel		
Tank External:	Sacrificial Anode		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	88200
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Sacrificial Anode		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	09/96	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK
Mailing Name:	MOTIVA ENTERPRISES, LLC 25 PAIDGE AVENUE BROOKLYN, NY 11222		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

Mailing Contact:	M.A. D'ANTONIO/DAVID BIER
Mailing Phone:	(718) 383-4066
Pipe Flag:	True
Reserve Flag:	True
Legal Agent:	Not reported
	Not reported
	Not reported
Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	J.J. ROGERS
Emergency Contact Telephone:	(718) 383-4066
Chemical Bulk Storage Number:	2-000209
Pollution Discharge Elimination System Num:	0-006131
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck
	Vessel/Barge (Including off-shore platform)
	Pipeline

Operator Name:	M.A. D'ANTONIO
Lat/Long:	40|44|00 / 73|57|00
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	06/09/1999
Owner Status:	2
Owner Mark:	2
LIC Expires:	03/31/2004
Renew Date:	12/11/1998
Inspector Initials:	AS
COI Date:	/ /

MOSF Number:	2-1540	Telephone:	(718) 383-4066
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	MOTIVA ENTERPRISES, LLC		
	1100 LOUISIANA STREET		
	HOUSTON, TX 77002		
Owner Tel:	(713) 277-8000		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	42
Total Tanks:	11	Daily Throughput	1176000 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/48	Total Capacity:	2244400
Tank Type:	Steel/carbon steel		
Tank External:	Sacrificial Anode		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	88200
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Sacrificial Anode		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	09/96	Date Closed:	Not reported
Dispensing Mthd:	Suction		

MOTIVA ENTERPRISES, LLC (Continued) **S102633646**

SWIS Code: 61 Facility Town: NEW YORK
Mailing Name: MOTIVA ENTERPRISES, LLC
25 PAIDGE AVENUE
BROOKLYN, NY 11222
Mailing Contact: M.A. D'ANTONIO/DAVID BIER
Mailing Phone: (718) 383-4066
Pipe Flag: True
Reserve Flag: True
Legal Agent: Not reported
Not reported
Not reported
Date Legal Agent Filed with Secretary of State: Not reported
Name of Emergency Contact: J.J. ROGERS
Emergency Contact Telephone: (718) 383-4066
Chemical Bulk Storage Number: 2-000209
Pollution Discharge Elimination System Num: 0-006131
License Status: License Issued
Date License Application Received: 02/24/1999
Date License Issued: 04/01/1999
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)
Pipeline
Operator Name: M.A. D'ANTONIO
Lat/Long: 40|44|00 / 73|57|00
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 06/09/1999
Owner Status: 2
Owner Mark: 2
LIC Expires: 03/31/2004
Renew Date: 12/11/1998
Inspector Initials: AS
COI Date: / /

Click this hyperlink while viewing on your computer to access
9 additional NY AST MOSF record(s) in the EDR Site Report.

G35 **25 PAIDGE AVE/BKLYN/SHELL** **LTANKS** **S100146031**
NNW **25 PAIDGE AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
730 ft.

Site 2 of 6 in cluster G

Relative:
Lower

Actual:
8 ft.

LTANKS:
Spill Number: 9002114
Spill Date: 05/23/1990 17:36
ID: Not reported
Material Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SIGONA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported

Region of Spill: 2
Reported to Dept: 05/23/90 08:50
Date Call Received: Not reported
Amount Spilled 1 : Not reported

Spill Source: Major Facility 400,000 gallons
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

25 PAIDGE AVE/BKLYN/SHELL (Continued) **S100146031**

Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: SHELL
Spiller Address: Not reported
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 01/26/98
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/30/90
Date Region Sent Summary to Central Office: / /
Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: Not reported
- Leak Rate Failed Tank: Not reported
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: -1
- Units: Pounds
- Unknown Qty Spilled: -1
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: GASOLINE
- Class Type: Petroleum
- Chem Abstract Service Number: GASOLINE
- Last Date: 09/29/1994
- Num Times Material Entry In File: 21329

DEC Remarks: Not reported
Spill Cause: SITE WELL TEST, WELL 2 .13, WELL 4 .004, WELL 9 FILM, WELL 5, WELL 17, WELL 19 .09, WELL 20 FILM.

G36 **MOTIVA ENTERPRISES LLC** **CBS UST** **S103559501**
NNW **25 PAIDGE AVENUE** **CBS AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222** **AIRS**
730 ft.

Site 3 of 6 in cluster G

Relative: Lower

Actual: 8 ft.

CBS UST:

CBS Number:	2-000209	ICS No:	2-167909
PBS No:	Not reported	MOSF No:	2-1540
Region:	STATE	Town:	NEW YORK CITY
Operator:	MOTIVA ENTERPRISES LLC	Facility Tel:	(718) 383-4066
Emergency Contact:	MARIO D'ANTONIO, (718) 383-4066		
Certification Date:	11/15/2000	Expiration Date:	11/30/2002
Owner:	MOTIVA ENTERPRISES, LLC		
Owner Address:	1100 LOUISIANA STREET, SUITE 2200		

MOTIVA ENTERPRISES LLC (Continued) **S103559501**

	HOUSTON, TX 77002		
Owner Phone	(718) 383-4066		
Owner Type:	Corporate/Commercial		
Facility Type:	STORAGE TERMINAL		
Mail To:	MOTIVA ENTERPRISES LLC		
Mail Address	25 PAIDGE AVENUE BROOKLYN, NY 11222 ATTN: MARIO D'ANTONIO (718) 383-4066		
SPDES No:	Not reported	Facility Status:	ACTIVE FACILITY
Owner Subtype:	Not reported		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Total Tanks:	4	Capacity:	4000 Gals
Tank Location:	Underground, vaulted, with access		
Install Date:	12/90		
CAS No:	1330207		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Double-Walled
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	20
Leak Detection:	Vapor Well		
Overfill Protection:	1		
Chemical:	Xylene (mixed)		
Tank Closed:	Not reported		
Tank Secret:	False	Date Entered:	04/25/1991 10:10:26
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	2	Lat/Long:	40|44|15 / 73|57|20
Renew Date:	08/05/92	Date Expired:	11/30/94
Total Capacity:	24014		
Tank Number:	52		

CBS AST:

CBS Number:	2-000209	Telephone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET, SUITE 2200 HOUSTON, TX 77002 (718) 383-4066		
Facility Status:	Active		
Total Tanks	4		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	10/93		
Capacity (Gal):	5014		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating/Impressed Current		
Intrnl Protection:	None		
Tank Containment:	Diking		

MOTIVA ENTERPRISES LLC (Continued) **S103559501**

Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	Impressed Current		
Pipe Containment:	None	Haz Percent:	47
Leak Detection:	None		
Overfill Protection:	4/4		
Chemical:	Xylene (mixed)		
Tank Closed:	Not reported		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	2-1540	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-167909
Facility Type:	Storage Terminal		
Operator:	MOTIVA ENTERPRISES LLC	Facility Town:	NEW YORK CITY
Emrgncy Contact:	MARIO D'ANTONIO	Emrgncy Phone:	(718) 383-4066
Certified Date:	11/15/2000	Expiration Date:	11/30/2002
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	MOTIVA ENTERPRISES LLC		
Mail Contact:	MARIO D'ANTONIO 25 PAIDGE AVENUE BROOKLYN, NY 11222		
Mail Phone:	(718) 383-4066		
Tank Secret:	False	Date Entered:	11/16/1993 07:45:42
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	2
Renew Date:	08/05/92	Date Expired:	11/30/94
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	24014
Unique Tank Id Number:	54
Date Pre-Printed Renewal App Form Was Last Printed:	08/04/2000

CBS Number:	2-000209	Telephone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET, SUITE 2200 HOUSTON, TX 77002 (718) 383-4066		
Facility Status:	Active		
Total Tanks	4		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	04/95		
Capacity (Gal):	10000		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	Diking		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	Diking	Haz Percent:	44

MOTIVA ENTERPRISES LLC (Continued) **S103559501**

Leak Detection:	Concrete Pad w/channels		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Tank Closed:	Not reported		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	2-1540	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-167909
Facility Type:	Storage Terminal		
Operator:	MOTIVA ENTERPRISES LLC	Facility Town:	NEW YORK CITY
Emrgncy Contact:	MARIO D'ANTONIO	Emrgncy Phone:	(718) 383-4066
Certified Date:	11/15/2000	Expiration Date:	11/30/2002
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	MOTIVA ENTERPRISES LLC		
Mail Contact:	MARIO D'ANTONIO 25 PAIDGE AVENUE BROOKLYN, NY 11222		
Mail Phone:	(718) 383-4066		
Tank Secret:	False	Date Entered:	07/03/1996 12:37:29
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	2
Renew Date:	08/05/92	Date Expired:	11/30/94
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	24014
Unique Tank Id Number:	9
Date Pre-Printed Renewal App Form Was Last Printed:	08/04/2000

CBS Number:	2-000209	Telephone:	(718) 383-4066
Owner:	MOTIVA ENTERPRISES, LLC 1100 LOUISIANA STREET, SUITE 2200 HOUSTON, TX 77002 (718) 383-4066		
Facility Status:	Active		
Total Tanks	4		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground on crib, rack or cradle		
Install Date:	10/90		
Capacity (Gal):	5000		
Tank Type:	Steel/carbon steel		
Substance:	More than one Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	Diking		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	Diking	Haz Percent:	55
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Xylene (mixed)		
Tank Closed:	Not reported		

MOTIVA ENTERPRISES LLC (Continued) **S103559501**

PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	2-1540	CAS Number:	1330207
SPDES Number:	Not reported	ICS Number:	2-167909
Facility Type:	Storage Terminal		
Operator:	MOTIVA ENTERPRISES LLC	Facility Town:	NEW YORK CITY
Emrgncy Contact:	MARIO D'ANTONIO	Emrgncy Phone:	(718) 383-4066
Certified Date:	11/15/2000	Expiration Date:	11/30/2002
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	MOTIVA ENTERPRISES LLC		
Mail Contact:	MARIO D'ANTONIO 25 PAIDGE AVENUE BROOKLYN, NY 11222		
Mail Phone:	(718) 383-4066		
Tank Secret:	False	Date Entered:	11/30/1990 07:37:51
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	2
Renew Date:	08/05/92	Date Expired:	11/30/94
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	24014
Unique Tank Id Number:	51
Date Pre-Printed Renewal App Form Was Last Printed:	08/04/2000

G37 **TOSCO FLEET MAINTENANCE GARAGE** **FINDS 1000981457**
NNW **25 PAIDGE AVE** **RCRIS-LQG NY0000998849**
1/8-1/4 **BROOKLYN, NY 11222**
730 ft.

Site 4 of 6 in cluster G

Relative:
Lower

Actual:
8 ft.

RCRIS:
Owner: MOTIVA ENTERPRISES LLC
(713) 277-8000
EPA ID: NY0000998849

Contact: Not reported

Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
National Emissions Inventory
Permit Compliance System
Resource Conservation and Recovery Act Information system
Toxics Release Inventory

G38 **SHELL OIL CO** **RCRIS-SQG** **1000333140**
NNW **25 PAIDGE AVE** **NYD000632141**
1/8-1/4 **BROOKLYN, NY 11222**
730 ft.

Site 5 of 6 in cluster G

Relative: Lower

Actual: 8 ft.

RCRIS:
Owner: MOTIVA ENTERPRISES LLC
(212) 555-1212
EPA ID: NYD000632141
Contact: SONDRA BIENVENU
(713) 241-2258
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/13/1993
Actual Date Achieved Compliance: 09/27/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/13/1993
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19930927

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

CT MANIFEST

Click this hyperlink while viewing on your computer to access additional CT MANIFEST detail in the EDR Site Report.

G39 **25 PAIDGE AVENUE/MOBIL S.** **LTANKS** **S102671185**
NNW **25 PAIDGE AVENUE/MOBIL** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
765 ft.

Site 6 of 6 in cluster G

Relative: Lower

Actual: 7 ft.

LTANKS:

Spill Number:	8703522	Region of Spill:	2
Spill Date:	07/25/1987 02:00	Reported to Dept:	07/30/87 11:30
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Water Affected:	Not reported	Spill Source:	Tank Truck
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	Not reported	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		

25 PAIDGE AVENUE/MOBIL S. (Continued) **S102671185**

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: ISLAND TRANSPORTATION
Spiller Address: Not reported
Spill Class: Not reported
Spill Closed Dt: 07/30/87
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: 07/30/87
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/31/87
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 07/31/87
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: TANK TRUCKER OVERFILLED HIS VEHICLE. SPILL WENT THROUGH DRAIN ON PLATFOR M TO THE OIL SEPARATOR. CLEANED-UP.

H40 **WING GONG LAUNDRY INC** **UST** **U000395062**
SSW **240-244 HURON ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
781 ft.

Site 1 of 3 in cluster H

Relative:
Higher

Actual:
12 ft.

PBS UST:
PBS Number: 2-116165
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101
Operator: SEUNG NG
(718) 389-4861
Emergency Contact: DANNY MOY
(718) 389-6733
Total Tanks: 0
Owner: DANNY MOY
21 MCGUINNESS BLVD

WING GONG LAUNDRY INC (Continued) **U000395062**

BROOKLYN, NY 11222
(718) 389-6733

Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	DANNY MOY 21 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-6733		
Tank Status:	Administratively Closed (See Site Staus)		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	01/01/1994	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	05/07/1987
Old PBS Number:	Not reported	Expiration Date:	05/07/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

H41 **WING GONG LAUNDRY** **UST** **U001841594**
SSW **240 HURON ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
781 ft.

Site 2 of 3 in cluster H

Relative:
Higher

Actual:
12 ft.

PBS UST:

PBS Number:	2-600725	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NG (718) 389-4861		
Emergency Contact:	NG (718) 389-2452		
Total Tanks:	1		
Owner:	WING GONG LAUNDRY 240 HURON ST BROOKLYN, NY 11222 (718) 389-4861		

WING GONG LAUNDRY (Continued) **U001841594**

Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	WING GONG LAUNDRY ATTN: NG 240 HURON ST BROOKLYN, NY 11222 (718) 389-4861		
Tank Status:	In Service		
Capacity (gals):	3000		
Tank Location:	UNDERGROUND		
Tank Id:	1	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	3000	Renewal Date:	12/17/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	03/27/1997
Old PBS Number:	Not reported	Expiration Date:	04/22/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	MANUFACTURING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

H42
SSW
1/8-1/4
806 ft.

Relative: Higher

Actual: 12 ft.

FIRE COMMUNICATIONS/MANHATTAN CEN OFFICE **UST** **U001840058**
79TH STREET TRANSVERSE ROAD **N/A**
NEW YORK, NY 10024

Site 3 of 3 in cluster H

PBS UST:

PBS Number:	2-357537	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6201
Operator:	CHIEF DISPATCHER (212) 570-4261		
Emergency Contact:	EOC/NOTIFICATION DESK (718) 999-2094		
Total Tanks:	1		
Owner:	FIRE DEPARTMENT 9 METROTECH BROOKLYN, NY 11201 (718) 999-2094		
Owner Type:	Local Government		

FIRE COMMUNICATIONS/MANHATTAN CEN OFFICE (Continued) **U001840058**

Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FIRE DEPARTMENT ATTN: DIRECTOR;BUILD.MAINT.DIV. 48-34 35TH STREET LONG ISLAND CITY, NY 11101 (718) 784-6510		
Tank Status:	In Service		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1983
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/01/1993
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/13/2001
Old PBS Number:	Not reported	Expiration Date:	07/28/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	62		
Region:	2		

43
SSE
1/8-1/4
922 ft.

PRONTO DEMOLITION CORP.
73 PROVOST ST
BROOKLYN, NY 11222

SWF/LF **S105841918**
N/A

Relative:
Higher

Actual:
11 ft.

LF:

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	7180000000	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported Not reported Not reported		
Owner Email :	Not reported	Owner Phone :	Not reported
Contact Name :	VINNY CUCCHIARI; TRUCK DRIVER		
Contact Address :	Not reported Not reported Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	C&D processing - registered		
Activity Number :	24W58		

PRONTO DEMOLITION CORP. (Continued) **S105841918**

Active : No
North Coordinate : Not reported
Regulatory Status Not reported
Waste Type : Not reported
Authorization # : None
Expiration Date : Not reported

Accuracy Code : Not reported
East Coordinate : Not reported

Authorization Date : Not reported

I44 **PULASKI SERVICE STATION** **RCRIS-SQG 1000158146**
SSW **321 MCGUINESS BOULEVARD** **FINDS NYD095772919**
1/8-1/4 **BROOKLYN, NY 11222** **UST**
971 ft. **NY Spills**

Site 1 of 2 in cluster I

Relative: Higher

Actual: 13 ft.

RCRIS:
Owner: UNKNOWN
(212) 555-1212
EPA ID: NYD095772919

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system

SPILLS:
Spill Number: 9908882
Spill Date: 10/21/1999 15:00
ID: Not reported
Dt Call Received: Not reported
Material Spilled 1 : Not reported
Spill Cause: Human Error
Water Affected: Not reported
Facility Contact: Not reported
Investigator: TIBBE
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported
Spiller Contact: HEDY KODOGIANNIS
Spiller: TULLY CONSTRUCTION
Spiller Address: Not reported
DEC Remarks : Not reported
Remark: construction work on the road ifo the gas station workers hit the underground fuel line fuel is seeping into the ground no clean up is underway at this point
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)

Region of Spill: 2
Reported to Dept: 10/21/99 15:16
Region Close Date : Not reported
Amount Spilled 1 : Not reported
Resource Affected: On Land
Spill Source: Gas Station
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: (718) 389-4483

Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported

PULASKI SERVICE STATION (Continued) **1000158146**

Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1000
Units: Gallons
Unknown Qty Spilled: 1000
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Spill Closed Dt: / /
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt/ /
Enforcement Date: / /
Invstgn Complete:/ /
UST Involvement: False
Spill Record Last Update: 02/11/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/21/99
Date Region Sent Summary to Central Office: / /
True Date : Not reported

PBS UST:
PBS Number: 2-600693
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6101
Operator: PULASKI SERVICE CENTER
(718) 389-4483
Emergency Contact: GUS KODOGIANNIS
(718) 389-4483
Total Tanks: 5
Owner: PULASKI SERVICE STATION INC
321 MCGUINNESS BLVD
BROOKLYN, NY 11222
(718) 389-4483
Owner Type: Corporate/Commercial
Owner Mark: First Owner
Owner Subtype: Not reported
Mailing Address: PULASKI SERVICE STATION INC
ATTN: GUS KODOGIANNIS
321 MCGUINNESS BLVD
BROOKLYN, NY 11222
(718) 389-4483
Tank Status: In Service
Capacity (gals): 8000
Tank Location: UNDERGROUND
Tank Id: 005
Install Date: 12/01/1999
Tank Type: Fiberglass reinforced plastic [FRP]
Product Stored: UNLEADED GASOLINE
Tank Internal: NONE
Pipe Internal: NONE
Pipe Location: Underground
Pipe Type: FIBERGLASS [FRP]
Tank External: NONE/NONE
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/DOUBLED-WALLED TANK

PULASKI SERVICE STATION (Continued) **1000158146**

Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	24000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/28/2001
Old PBS Number:	Not reported	Expiration Date:	03/24/2007
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-600693	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	PULASKI SERVICE CENTER (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4483		
Total Tanks:	5		
Owner:	PULASKI SERVICE STATION INC 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PULASKI SERVICE STATION INC ATTN: GUS KODOGIANNIS 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	1	Install Date:	04/01/1987
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	IMPRESSED CURRENT/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	FIBERGLASS		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	03/01/1997	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing

PULASKI SERVICE STATION (Continued) **1000158146**

FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	24000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/28/2001
Old PBS Number:	Not reported	Expiration Date:	03/24/2007
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-600693	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	PULASKI SERVICE CENTER (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4483		
Total Tanks:	5		
Owner:	PULASKI SERVICE STATION INC 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PULASKI SERVICE STATION INC ATTN: GUS KODOGIANNIS 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	2	Install Date:	04/01/1987
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	IMPRESSED CURRENT/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	FIBERGLASS		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	03/01/1997	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	24000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/28/2001
Old PBS Number:	Not reported	Expiration Date:	03/24/2007

PULASKI SERVICE STATION (Continued) **1000158146**

Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-600693	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	PULASKI SERVICE CENTER (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4483		
Total Tanks:	5		
Owner:	PULASKI SERVICE STATION INC 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PULASKI SERVICE STATION INC ATTN: GUS KODOGIANNIS 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	3	Install Date:	04/01/1987
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	IMPRESSED CURRENT/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	FIBERGLASS		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	03/01/1997	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	24000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/28/2001
Old PBS Number:	Not reported	Expiration Date:	03/24/2007
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		

PULASKI SERVICE STATION (Continued) **1000158146**

County Code:	61		
Region:	2		
PBS Number:	2-600693	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	PULASKI SERVICE CENTER (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4483		
Total Tanks:	5		
Owner:	PULASKI SERVICE STATION INC 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PULASKI SERVICE STATION INC ATTN: GUS KODOGIANNIS 321 MCGUINNESS BLVD BROOKLYN, NY 11222 (718) 389-4483		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	4	Install Date:	04/01/1987
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	DIESEL
Tank Internal:	FIBERGLASS LINER [FRP]	Pipe Internal:	FIBERGLASS LINER [FRP]
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	IMPRESSED CURRENT/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	FIBERGLASS		
Second Containment:	DOUBLED-WALLED TANK		
Leak Detection:	IN-TANK SYSTEM		
Overfill Prot:	Automatic Shut-Off	Dispenser:	Submersible
Date Tested:	03/01/1997	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	24000	Renewal Date:	11/13/2001
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	12/28/2001
Old PBS Number:	Not reported	Expiration Date:	03/24/2007
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

I45 **GETTY 58088** **UST** **U001839024**
SSW **315 MCGUINNESS BLVD** **N/A**
1/8-1/4 **BKLYN, NY 11222**
980 ft.

Site 2 of 2 in cluster I

Relative:
Higher

Actual:
13 ft.

PBS UST:

PBS Number:	2-146595	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JUAN GONZALEZ (718) 389-9724		
Emergency Contact:	EDWARD WALDRON (718) 729-6500		
Total Tanks:	0		
Owner:	POWER TEST REALY CO LIM PART 125 JERICHO TURNPIKE JERICHO, NY 11753 (516) 576-9500		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GETYY PETROLEUM CORP 3023 GREEN POINT AVENUE LIC, NY 11101 (718) 729-6500		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	08/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	07/01/1991	Next Test Date:	Not reported
Date Closed:	06/01/1992	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	09/08/1992
Old PBS Number:	Not reported	Expiration Date:	10/29/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS Number:	2-146595	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101

GETTY 58088 (Continued) **U001839024**

Operator:	JUAN GONZALEZ (718) 389-9724		
Emergency Contact:	EDWARD WALDRON (718) 729-6500		
Total Tanks:	0		
Owner:	POWER TEST REALY CO LIM PART 125 JERICHO TURNPIKE JERICHO, NY 11753 (516) 576-9500		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GETYY PETROLEUM CORP 3023 GREEN POINT AVENUE LIC, NY 11101 (718) 729-6500		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	08/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	07/01/1991	Next Test Date:	Not reported
Date Closed:	06/01/1992	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	09/08/1992
Old PBS Number:	Not reported	Expiration Date:	10/29/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-146595	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JUAN GONZALEZ (718) 389-9724		
Emergency Contact:	EDWARD WALDRON (718) 729-6500		
Total Tanks:	0		
Owner:	POWER TEST REALY CO LIM PART 125 JERICHO TURNPIKE		

GETTY 58088 (Continued) **U001839024**

	JERICHO, NY 11753		
	(516) 576-9500		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GETYY PETROLEUM CORP		
	3023 GREEN POINT AVENUE		
	LIC, NY 11101		
	(718) 729-6500		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	08/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	07/01/1992	Next Test Date:	Not reported
Date Closed:	06/01/1992	Test Method:	NOT DEFINED
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	09/08/1992
Old PBS Number:	Not reported	Expiration Date:	10/29/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-146595	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JUAN GONZALEZ		
	(718) 389-9724		
Emergency Contact:	EDWARD WALDRON		
	(718) 729-6500		
Total Tanks:	0		
Owner:	POWER TEST REALY CO LIM PART		
	125 JERICHO TURNPIKE		
	JERICHO, NY 11753		
	(516) 576-9500		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GETYY PETROLEUM CORP		
	3023 GREEN POINT AVENUE		

GETTY 58088 (Continued) **U001839024**

	LIC, NY 11101		
	(718) 729-6500		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	043	Install Date:	08/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	07/01/1991	Next Test Date:	Not reported
Date Closed:	06/01/1992	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	09/08/1992
Old PBS Number:	Not reported	Expiration Date:	10/29/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-146595	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	JUAN GONZALEZ		
	(718) 389-9724		
Emergency Contact:	EDWARD WALDRON		
	(718) 729-6500		
Total Tanks:	0		
Owner:	POWER TEST REALY CO LIM PART		
	125 JERICHO TURNPIKE		
	JERICHO, NY 11753		
	(516) 576-9500		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	GETYY PETROLEUM CORP		
	3023 GREEN POINT AVENUE		
	LIC, NY 11101		
	(718) 729-6500		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	053	Install Date:	08/01/1956
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE

GETTY 58088 (Continued) **U001839024**

Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	07/01/1991	Next Test Date:	Not reported
Date Closed:	06/01/1992	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	09/08/1992
Old PBS Number:	Not reported	Expiration Date:	10/29/1997
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
6 additional NY PBS record(s) in the EDR Site Report.

46
SSW
1/8-1/4
1190 ft.

Relative:
Higher

Actual:
13 ft.

BARMARI, INC.
301 MCGUINNESS BOULEVARD
BROOKLYN, NY 11221

UST **U003065826**
N/A

PBS UST:

PBS Number:	2-421006	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BARMARI, INC. (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4489		
Total Tanks:	0		
Owner:	GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	BARMARI, INC. ATTN: GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Tank Status:	Closed - In Place		
Capacity (gals):	550		

BARMARI, INC. (Continued) **U003065826**

Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1974
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/GROUNDWATER WELL		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	04/24/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JALMES J MANNION		
Emergency:	J U BARRETT ATT AT LAW		
Emergency Tel:	(718) 478-1549	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	MANNION S/S		
Facility Address:	301 MCGUINNESS BLVD 301 MCGUINNESS BLVD BKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	JALMES J MANNION		
Owner Tel:	(718) 383-4512	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	JALMES J MANNION 301 MCGUINNESS BLVD BKLYN, NY 11222 Not reported (718) 383-4512		
Owner Mark:	First Owner		
Certify Date:	07/10/1997	Expiration:	07/10/1997
Total Capacity (Gal):	6600		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 383-4512		
Num of Active Tanks :	12		

BARMARI, INC. (Continued) **U003065826**

Facility Owner:	JALMES J MANNION
Facility Address:	301 MCGUINNESS BLVD
	BKLYN, NY 11222
Owner Phone:	(718) 383-4512
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/24/1996
Facility Record Updated:	True

PBS Number:	2-421006	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BARMARI, INC. (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4489		
Total Tanks:	0		
Owner:	GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	BARMARI, INC. ATTN: GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1974
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/GROUNDWATER WELL		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	04/24/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		

BARMARI, INC. (Continued) **U003065826**

Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JALMES J MANNION		
Emergency:	J U BARRETT ATT AT LAW		
Emergency Tel:	(718) 478-1549	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	MANNION S/S		
Facility Address:	301 MCGUINNESS BLVD 301 MCGUINNESS BLVD BKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	JALMES J MANNION		
Owner Tel:	(718) 383-4512	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	JALMES J MANNION 301 MCGUINNESS BLVD BKLYN, NY 11222 Not reported (718) 383-4512		
Owner Mark:	First Owner		
Certify Date:	07/10/1997	Expiration:	07/10/1997
Total Capacity (Gal):	6600		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 383-4512
Num of Active Tanks :	12
Facility Owner:	JALMES J MANNION
Facility Address:	301 MCGUINNESS BLVD BKLYN, NY 11222
Owner Phone:	(718) 383-4512
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/24/1996
Facility Record Updated:	True

PBS Number:	2-421006	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BARMARI, INC. (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4489		
Total Tanks:	0		
Owner:	GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211		

BARMARI, INC. (Continued) **U003065826**

(718) 389-4483
Owner Type: Corporate/Commercial
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: BARMARI, INC.
ATTN: GUS KODOGIANNIS
321 MCGUINNESS BOULEVARD
BROOKLYN, NY 11211
(718) 389-4483
Tank Status: Closed - In Place
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 003 Install Date: 12/01/1974
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: NONE/PAINTED/ASPHALT COATING
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/VAULT
Leak Detection: NONE/GROUNDWATER WELL
Overfill Prot: None Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported
Date Closed: 04/01/1996 Test Method: Not reported
Deleted: False Updated: True
Dead Letter: False Owner Screen: Minor data missing
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0 Renewal Date: Not reported
Tank Screen: 0 Federal ID: Not reported
Renew Flag: Renwal has not been printed Facility Screen: No data missing
Certification Flag: False Certification Date: Not reported
Old PBS Number: Not reported Expiration Date: 04/24/2001
Inspected Date: Not reported Inspector: Not reported
Inspection Result: Not reported
Lat/long: Not reported
Facility Type: RETAIL GASOLINE SALES
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: JALMES J MANNION
Emergency: J U BARRETT ATT AT LAW
Emergency Tel: (718) 478-1549 Old PBSNO: Not reported
Facility Type: RETAIL GASOLINE SALES
Facility Owner: MANNION S/S
Facility Address: 301 MCGUINNESS BLVD
301 MCGUINNESS BLVD
BKLYN, NY 11222
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: Not reported
Owner: JALMES J MANNION
Owner Tel: (718) 383-4512 Owner Type: Not reported
Owner Subtype: Not reported
Mail Address: JALMES J MANNION
301 MCGUINNESS BLVD
BKLYN, NY 11222

BARMARI, INC. (Continued) **U003065826**

Not reported
(718) 383-4512
Owner Mark: First Owner
Certify Date: 07/10/1997 Expiration: 07/10/1997
Total Capacity (Gal): 6600
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 383-4512
Num of Active Tanks : 12
Facility Owner: JALMES J MANNION
Facility Address: 301 MCGUINNESS BLVD

BKLYN, NY 11222
Owner Phone: (718) 383-4512
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 04/24/1996
Facility Record Updated: True

PBS Number: 2-421006 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: BARMARI, INC.
(718) 389-4483
Emergency Contact: GUS KODOGIANNIS
(718) 389-4489
Total Tanks: 0
Owner: GUS KODOGIANNIS
321 MCGUINNESS BOULEVARD
BROOKLYN, NY 11211
(718) 389-4483
Owner Type: Corporate/Commercial
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: BARMARI, INC.
ATTN: GUS KODOGIANNIS
321 MCGUINNESS BOULEVARD
BROOKLYN, NY 11211
(718) 389-4483
Tank Status: Closed - In Place
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 004 Install Date: 12/01/1974
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: NONE/PAINTED/ASPHALT COATING
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/VAULT
Leak Detection: NONE/GROUNDWATER WELL
Overfill Prot: None Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported

BARMARI, INC. (Continued) **U003065826**

Date Closed:	04/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	04/24/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JALMES J MANNION		
Emergency:	J U BARRETT ATT AT LAW		
Emergency Tel:	(718) 478-1549	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	MANNION S/S		
Facility Address:	301 MCGUINNESS BLVD 301 MCGUINNESS BLVD BKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	JALMES J MANNION		
Owner Tel:	(718) 383-4512	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	JALMES J MANNION 301 MCGUINNESS BLVD BKLYN, NY 11222 Not reported (718) 383-4512		
Owner Mark:	First Owner		
Certify Date:	07/10/1997	Expiration:	07/10/1997
Total Capacity (Gal):	6600		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 383-4512
Num of Active Tanks :	12
Facility Owner:	JALMES J MANNION
Facility Address:	301 MCGUINNESS BLVD BKLYN, NY 11222
Owner Phone:	(718) 383-4512
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/24/1996
Facility Record Updated:	True

BARMARI, INC. (Continued) **U003065826**

PBS Number:	2-421006	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	BARMARI, INC. (718) 389-4483		
Emergency Contact:	GUS KODOGIANNIS (718) 389-4489		
Total Tanks:	0		
Owner:	GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	BARMARI, INC. ATTN: GUS KODOGIANNIS 321 MCGUINNESS BOULEVARD BROOKLYN, NY 11211 (718) 389-4483		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	12/01/1974
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/GROUNDWATER WELL		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	04/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	Not reported
Old PBS Number:	Not reported	Expiration Date:	04/24/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JALMES J MANNION		
Emergency:	J U BARRETT ATT AT LAW		
Emergency Tel:	(718) 478-1549	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	MANNION S/S		

BARMARI, INC. (Continued) **U003065826**

Facility Address:	301 MCGUINNESS BLVD 301 MCGUINNESS BLVD BKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	JALMES J MANNION		
Owner Tel:	(718) 383-4512	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	JALMES J MANNION 301 MCGUINNESS BLVD BKLYN, NY 11222 Not reported (718) 383-4512		
Owner Mark:	First Owner		
Certify Date:	07/10/1997	Expiration:	07/10/1997
Total Capacity (Gal):	6600		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 383-4512
Num of Active Tanks :	12
Facility Owner:	JALMES J MANNION
Facility Address:	301 MCGUINNESS BLVD BKLYN, NY 11222
Owner Phone:	(718) 383-4512
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/24/1996
Facility Record Updated:	True

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
7 additional NY PBS record(s) in the EDR Site Report.

J47 **CON ED - MH 4308** **RCRIS-SQG** **1007206353**
SSE **JAVA ST & PROVOST ST** **NYP004008553**
1/8-1/4 **BROOKYN, NY 11222**
1208 ft.

Site 1 of 2 in cluster J

Relative:
Higher

Actual:
11 ft.

CON ED - MH 4308 (Continued) **1007206353**

RCRIS:
Contact: ANTHONY G DRUMMINGS
(212) 460-3770

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

J48 **41-55 PROVOST CO** **UST** **U000400300**
SSE **41-55 PROVOST ST** **N/A**
1/8-1/4 **BKLYN, NY 11222**
1273 ft.

Site 2 of 2 in cluster J

Relative: Higher

Actual: 11 ft.

PBS UST:

PBS Number:	2-268704	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	VULCAP CORP (718) 386-3804		
Emergency Contact:	VULCAP CORP (718) 389-9130		
Total Tanks:	0		
Owner:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported

41-55 PROVOST CO (Continued) **U000400300**

Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	07/10/1987
Old PBS Number:	Not reported	Expiration Date:	07/10/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-268704	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	VULCAP CORP (718) 386-3804		
Emergency Contact:	VULCAP CORP (718) 389-9130		
Total Tanks:	0		
Owner:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	07/10/1987
Old PBS Number:	Not reported	Expiration Date:	07/10/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		

41-55 PROVOST CO (Continued) **U000400300**

Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-268704	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	VULCAP CORP (718) 386-3804		
Emergency Contact:	VULCAP CORP (718) 389-9130		
Total Tanks:	0		
Owner:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	41-55 PROVOST CO C/O J A LEWIS 1819 FLUSHING AVE FLUSHING, NY 11385 (718) 386-3804		
Tank Status:	Closed Prior to 04/91 (Either Closed In-Place or Removed)		
Capacity (gals):	275		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	False
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	07/10/1987
Old PBS Number:	Not reported	Expiration Date:	07/10/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

49
WSW
1/8-1/4
1278 ft.

Relative: Higher

Actual: 14 ft.

KELLY CLEANERS — Database(s): **RCRIS-SQG, FINDS** — EDR ID Number: **1000293260** — EPA ID Number: **NYD049146186**
1036 MANHATTAN AVE
BROOKLYN, NY 11222

RCRIS:
Owner: Not reported
EPA ID: NYD049146186
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

50
NNW
1/8-1/4
1281 ft.

Relative: Lower

Actual: 3 ft.

CONSOLIDATED EDISON CO OF NY — Database(s): **FINDS, RCRIS-LQG** — EDR ID Number: **1001818307** — EPA ID Number: **NYR000078469**
ASH AVE & MCGUINESS BLVD
BROOKLYN, NY 11222

RCRIS:
Owner: CONSOLIDATED EDISON CO OF NY
(212) 460-3968
EPA ID: NYR000078469
Contact: VICTOR BASSO
(718) 579-1242
Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Permit Compliance System
Resource Conservation and Recovery Act Information system

K51
NW
1/8-1/4
1319 ft.

Site 1 of 2 in cluster K

Relative: Equal

Actual: 10 ft.

GREEN ROUND EPS OF NY CORP — Database(s): **RCRIS-SQG, FINDS** — EDR ID Number: **1000912418** — EPA ID Number: **NY0000693820**
65 BOX ST
BROOKLYN, NY 11222

GREEN ROUND EPS OF NY CORP (Continued) **1000912418**

RCRIS:
Owner: JAE GEUN LEE
(718) 349-3993
EPA ID: NY0000693820
Contact: JAE GEUN LEE
(718) 349-7578
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

K52 **LTANKS** **S104877456**
NW **64 BOX ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1329 ft.

Site 2 of 2 in cluster K

Relative:
Higher

Actual:
11 ft.

LTANKS:

Spill Number:	0010491	Region of Spill:	2
Spill Date:	12/18/2000 16:00	Reported to Dept:	12/18/00 16:45
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Water Affected:	Not reported	Spill Source:	Tank Truck
Facility Contact:	MR CHATENARNIE	Facility Tele:	(718) 388-3256
Investigator:	TIPPLE	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	64 BOX ST BROOKLYN		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	/ /
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Spill Record Last Update:	12/19/00
Is Updated:	False
Corrective Action Plan Submitted:	/ /
True Date :	Not reported

(Continued) **S104877456**

Date Spill Entered In Computer Data File: 12/18/00
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 10
Units: Gallons
Unknown Qty Spilled: 10
Quantity Recovered: 10
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: building owner ordered too much oil spill went to sidewalk clean up is b eing completeed by oil man on scene now

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53 **203 JAVA ST.** **LTANKS** **S100560362**
SSW **203 JAVA ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1376 ft.

Relative: **Higher**

Actual: **14 ft.**

LTANKS:
Spill Number: 9303193 Region of Spill: 2
Spill Date: 06/10/1993 11:45 Reported to Dept: 06/10/93 12:07
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Private Dwelling
Facility Contact: Not reported Facility Tele: Not reported
Investigator: TANG. SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: WASHCYSHYN REC.
Spiller Address: Not reported
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 06/10/93
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: 06/10/93
Last Inspection: / /
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /

203 JAVA ST. (Continued) **S100560362**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/19/93
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 06/11/93
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: SPILL ON DIRT FLOOR CELLAR) - SORBENT APPLIED - TANK SIHING DIRECTLY ON DIRT.

L54 **29 ASH ST** **LTANKS** **S102959956**
NW **29 ASH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1425 ft.

Site 1 of 2 in cluster L

Relative: Lower

Actual: 6 ft.

LTANKS:

Spill Number:	9709313	Region of Spill:	2
Spill Date:	11/10/1997 18:30	Reported to Dept:	11/10/97 18:39
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	MARGARET TAVARES	Facility Tele:	(212) 363-3775
Investigator:	SANGESLAND	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	MARGARET TAVARES	Spiller Phone:	(212) 363-3775
Spiller:	Not reported		
Spiller Address:	29 ASH ST BROOKLYN, NY		

29 ASH ST (Continued) **S102959956**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 06/08/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 11/10/97
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 5000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Spill Cause: Not reported

Click this hyperlink while viewing on your computer to access additional LTANKS detail in the EDR Site Report.

55
East
1/4-1/2
1473 ft.

Relative:
Lower

Actual:
2 ft.

NYCDOS MTS @GREENPOINT **SWF/LF** **S100443806**
NORTH HENRY ST. (NEWTOWN CREEK IN GREENPOINT) **N/A**
BROOKLYN, NY 11222

LF:
Secondary Addr : Not reported
Phone Number : 2128378030
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported
Contact Name : Paul Bekowies
Contact Address : Not reported
Not reported
Not reported
Region Code : 2
Owner Name : Not reported
Owner Phone : Not reported

NYCDOS MTS @GREENPOINT (Continued) **S100443806**

Contact Email : Not reported
Contact Phone : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24W02
Active : No
Accuracy Code : Not reported
North Coordinate : 4509974
East Coordinate : 588853
Regulatory Status Permit
Waste Type : Not reported
Authorization # : 2-6101-00022
Authorization Date : 12/8/1995
Expiration Date : 12/31/2005

L56 **ECONOMY CONTAINER SERVICE** **SWF/LF** **S105841720**
NW **23 ASH ST** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
1483 ft.

Site 2 of 2 in cluster L

Relative:
Lower

Actual:
7 ft.

LF:
Secondary Addr : Not reported
Region Code : 2
Phone Number : 0
Owner Name : Not reported
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported
Owner Phone : Not reported
Contact Name : JULIAN FILLIAPONO; MANAGER
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Contact Phone : Not reported
Activity Desc : Transfer station - regulated
Activity Number : 24T14
Active : No
Accuracy Code : Not reported
North Coordinate : Not reported
East Coordinate : Not reported
Regulatory Status Not reported
Waste Type : Not reported
Authorization # : 2-6101-00085
Authorization Date : Not reported
Expiration Date : Not reported

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57 **GREENPOINT INCINERATOR** **SWF/LF** **U000409935**
East **N HENRY ST / KINGSLAND AVE (NEWTN CRK)** **UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
1492 ft.

Relative:
Lower

Actual:
4 ft.

LF:
Secondary Addr : Not reported
Region Code : 2
Phone Number : 7180000000
Owner Name : Not reported
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported
Owner Phone : Not reported
Contact Name : ANTHONY ZARILLO
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Contact Phone : Not reported
Activity Desc : Waste combustion - no energy recovery
Activity Number : 24IC2

GREENPOINT INCINERATOR (Continued) **U000409935**

Active : No
North Coordinate : Not reported
Regulatory Status None
Waste Type : Not reported
Authorization # : None
Expiration Date : Not reported
Accuracy Code : Not reported
East Coordinate : Not reported
Authorization Date : Not reported

PBS UST:

PBS Number:	2-455946	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	NYC DEPT OF SANITATION, BCC (718) 383-9393		
Emergency Contact:	BUREAU OF W. D. (212) 788-3900		
Total Tanks:	1		
Owner:	NYC DEPT OF SANITATION 125 WORTH STREET NEW YORK, NY 10013 (212) 788-3900		
Owner Type:	Local Govemment		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NYC DEPT OF SANITATION ATTN: CHIEF OF FACILITIES F LEG 125 WORTH STREET 7 FLOOR - RM #726 NEW YORK, NY 10013 (212) 788-3900		
Tank Status:	In Service		
Capacity (gals):	5000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Above/Underground Combination	Pipe Type:	STEEL/IRON
Tank External:	PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Vent Whistle	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	5000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	03/23/1999
Old PBS Number:	Not reported	Expiration Date:	12/06/2003
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		

GREENPOINT INCINERATOR (Continued) **U000409935**

Region: 2

M58 **MANHATTAN AVE. RECYCLING CORP.** **SWF/LF** **S105841735**
WNW **1166 MANHATTAN AVE.** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
1610 ft.

Site 1 of 2 in cluster M

Relative: Higher

Actual: 12 ft.

LF:

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	0	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported		
	Not reported		
	Not reported		
Owner Email :	Not reported	Owner Phone :	Not reported
Contact Name :	JULIAN FILIPONE; PRESIDENT		
Contact Address :	Not reported		
	Not reported		
	Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	Transfer station - regulated		
Activity Number :	24T54		
Active :	No	Accuracy Code :	Not reported
North Coordinate :	Not reported	East Coordinate :	Not reported
Regulatory Status	Not reported		
Waste Type :	Not reported		
Authorization # :	2-6101-00069	Authorization Date :	Not reported
Expiration Date :	Not reported		

M59 **NEW YORK RECYCLERS; INC.(MANHATTAN AVE)** **SWF/LF** **S105841916**
WNW **1166-68 MANHATTAN AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
1610 ft.

Site 2 of 2 in cluster M

Relative: Higher

Actual: 12 ft.

LF:

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	7183492540	Owner Name :	Not reported
Owner Type :	Not reported		
Owner Address :	Not reported		
	Not reported		
	Not reported		
Owner Email :	Not reported	Owner Phone :	Not reported
Contact Name :	TIMOTHY FULTON		
Contact Address :	Not reported		
	Not reported		
	Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported
Activity Desc :	C&D processing - registered		
Activity Number :	24WE7		
Active :	No	Accuracy Code :	Not reported
North Coordinate :	Not reported	East Coordinate :	Not reported
Regulatory Status	Not reported		
Waste Type :	Not reported		
Authorization # :	None	Authorization Date :	Not reported
Expiration Date :	Not reported		

60 WSW 1/4-1/2 1680 ft. **132-140 GREEN STREET** **LTANKS S104950908**
132-140 GREEN STREET **N/A**
NEW YORK CITY, NY

Relative: Higher

Actual: 14 ft.

LTANKS:

Spill Number:	0011967	Region of Spill:	2
Spill Date:	02/03/2001 13:00	Reported to Dept:	02/06/01 17:08
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Water Affected:	Not reported	Spill Source:	Private Dwelling
Facility Contact:	UNK	Facility Tele:	(000) 000-0000
Investigator:	TIBBE	SWIS:	62
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	RAYMOND	Spiller Phone:	(917) 523-3075
Spiller:	UNK		
Spiller Address:	UNK UNK, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Affected Persons	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	/ /
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Spill Record Last Update:	02/07/01
Is Updated:	False
Corrective Action Plan Submitted:	/ /
True Date :	Not reported
Date Spill Entered In Computer Data File:	02/06/01
Date Region Sent Summary to Central Office:	/ /

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	#4 FUEL OIL
Class Type:	Petroleum

132-140 GREEN STREET (Continued) **S104950908**

Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: PTC INVESTIGATED. PRESSURED WASH TOMORROW. ALLIED TRANSPORTATION DELIV ERED FOR HESS. HE WAS NOTIFIED TODAY AT 1200HRS.
Spill Cause: SPILL INSIDE AND OUTSIDE A RESIDENCE UNK QUANTITY PETROLEUM TANK CLEANE RS RESPONDED AND ACCESSED THE SITUATION AND WILL BE BACK TOMORROW FOR CL EAN UP. NO CALLBACK NECESSARY

N61 **NYC DEP NEWTOWN WASTE TRE** **LTANKS** **S104621841**
SSE **301 GREEN POINT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
1737 ft.

Site 1 of 3 in cluster N

Relative: Lower

Actual: 9 ft.

LTANKS:

Spill Number:	0003594	Region of Spill:	2
Spill Date:	06/23/2000 11:00	Reported to Dept:	06/23/00 11:51
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	( ) -
Investigator:	ROMMEL	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	CALLER	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	07/12/00		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
True Date :	Not reported		
Date Spill Entered In Computer Data File:	06/23/00		
Date Region Sent Summary to Central Office:	/ /		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

NYC DEP NEWTOWN WASTE TRE (Continued) **S104621841**

Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: DEC Sigona received complaint referred to DEC Rommel.
Spill Cause: petrolium impacts noted to subsurface soil...samples taken and results w ill be forewarded when they are available.

N62 **NEWTOWN CREEK WATER POLLUTION PLANT** **CBS AST S100494600**
SSE **301 GREENPOINT AVENUE** **LTANKS N/A**
1/4-1/2 **BROOKLYN, NY 11222** **NY Spills**
1737 ft.

Site 2 of 3 in cluster N

Relative: Lower

Actual: 9 ft.

SPILLS:
Spill Number: 0204403 Region of Spill: 2
Tank Number: Not reported Tank Size : Not reported
Test Method: Not reported Leak Rate: Not reported
Spill Date: 07/27/02 Reported to Dept: / /
ID: 9652
Date Call Received: 07/27/02
Region Close Date : 07/29/02
Material Spilled 1 :UNKNOWN HAZARDOUS MATERIAL Amount Spilled 1 : Unknown Gal.
Spill Cause: SURFACE WATER Resource Affected: SURFACE WATER
Water Affected: EAST RIVER Spill Source: OTHER COMM/INDUSTRIAL
This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

CBS AST:
CBS Number: 2-000233 Telephone: (718) 389-2002
Owner: NYC DEP BUREAU OF WASTEWATER TREATMENT CONTROL
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Facility Status: Active
Total Tanks 13
Tank Status: In Service
Tank Error Status: No Missing Data
Tank Location: Aboveground: 10% or more below ground
Install Date: 06/95
Capacity (Gal): 20540
Tank Type: Fiberglass reinforced plastic [FRP]
Substance: Single Hazardous Substance on DEC List
Extrnl Protection: None/None
Intrnl Protection: Rubber Liner
Tank Containment: Vault (w/access)/None
Pipe Type: PLASTIC Pipe Location: Aboveground/Underground Combination
Pipe Internal: None
Pipe External: None

NEWTOWN CREEK WATER POLLUTION PLANT (Continued) **S100494600**

Pipe Containment:	None/None	Haz Percent:	30
Leak Detection:	Vapor Well/None		
Overfill Protection:	2/2		
Chemical:	Ferric chloride		
Tank Closed:	Not reported		
PBS Number:	2-456438	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	-	CAS Number:	7705080
SPDES Number:	0-026204	ICS Number:	0-026204
Facility Type:	Utility (i.e. Wastewater Treatment Plant)		
Operator:	J. PYNN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	WATCH ENGINEER	Emrgncy Phone:	(718) 389-2002
Certified Date:	11/23/2001	Expiration Date:	10/22/2003
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	NYC DEP BUREAU OF WASTEWATER TREATMENT		
Mail Contact:	THOMAS A. PUKENIS 96-05 HORACE HARDING EXPRESSWAY 2 FLOOR-LOW RISE CORONA, NY 11368		
Mail Phone:	(718) 595-5134		
Tank Secret:	False	Date Entered:	07/25/1995 09:04:41
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	07/08/93	Date Expired:	10/22/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	174560
Unique Tank Id Number:	NC-09
Date Pre-Printed Renewal App Form Was Last Printed:	06/20/2001

CBS Number:	2-000233	Telephone:	(718) 389-2002
Owner:	NYC DEP BUREAU OF WASTEWATER TREATMENT CONTROL 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Facility Status:	Active		
Total Tanks	13		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground: 10% or more below ground		
Install Date:	06/95		
Capacity (Gal):	20540		
Tank Type:	Fiberglass reinforced plastic [FRP]		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None/None		
Intrnl Protection:	Rubber Liner		
Tank Containment:	Vault (w/access)/None		
Pipe Type:	PLASTIC	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	Vault (w/access)/None	Haz Percent:	30
Leak Detection:	Vapor Well/None		
Overfill Protection:	4/4		

NEWTOWN CREEK WATER POLLUTION PLANT (Continued) **S100494600**

Chemical:	Ferric chloride		
Tank Closed:	Not reported		
PBS Number:	2-456438	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	-	CAS Number:	7705080
SPDES Number:	0-026204	ICS Number:	0-026204
Facility Type:	Utility (i.e. Wastewater Treatment Plant)		
Operator:	J. PYNN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	WATCH ENGINEER	Emrgncy Phone:	(718) 389-2002
Certified Date:	11/23/2001	Expiration Date:	10/22/2003
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	NYC DEP BUREAU OF WASTEWATER TREATMENT		
Mail Contact:	THOMAS A. PUKENIS 96-05 HORACE HARDING EXPRESSWAY 2 FLOOR-LOW RISE CORONA, NY 11368		
Mail Phone:	(718) 595-5134		
Tank Secret:	False	Date Entered:	07/25/1995 09:04:50
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	07/08/93	Date Expired:	10/22/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	174560
Unique Tank Id Number:	NC-10
Date Pre-Printed Renewal App Form Was Last Printed:	06/20/2001

CBS Number:	2-000233	Telephone:	(718) 389-2002
Owner:	NYC DEP BUREAU OF WASTEWATER TREATMENT CONTROL 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Facility Status:	Active		
Total Tanks	13		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground: 10% or more below ground		
Install Date:	06/95		
Capacity (Gal):	20540		
Tank Type:	Fiberglass reinforced plastic [FRP]		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	Rubber Liner		
Tank Containment:	Vault (w/access)/None		
Pipe Type:	PLASTIC	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None		
Pipe External:	None/None		
Pipe Containment:	Vault (w/access)/None	Haz Percent:	30
Leak Detection:	Vapor Well/None		
Overfill Protection:	2/2		
Chemical:	Ferric chloride		
Tank Closed:	Not reported		
PBS Number:	2-456438	SWIS Code:	6101

NEWTOWN CREEK WATER POLLUTION PLANT (Continued) **S100494600**

Federal ID:	Not reported		
MOSF Number:	-	CAS Number:	7705080
SPDES Number:	0-026204	ICS Number:	0-026204
Facility Type:	Utility (i.e. Wastewater Treatment Plant)		
Operator:	J. PYNN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	WATCH ENGINEER	Emrgncy Phone:	(718) 389-2002
Certified Date:	11/23/2001	Expiration Date:	10/22/2003
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	NYC DEP BUREAU OF WASTEWATER TREATMENT		
Mail Contact:	THOMAS A. PUKENIS 96-05 HORACE HARDING EXPRESSWAY 2 FLOOR-LOW RISE CORONA, NY 11368		
Mail Phone:	(718) 595-5134		
Tank Secret:	False	Date Entered:	07/25/1995 09:05:04
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	07/08/93	Date Expired:	10/22/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	174560
Unique Tank Id Number:	NC-11
Date Pre-Printed Renewal App Form Was Last Printed:	06/20/2001

CBS Number:	2-000233	Telephone:	(718) 389-2002
Owner:	NYC DEP BUREAU OF WASTEWATER TREATMENT CONTROL 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Facility Status:	Active		
Total Tanks	13		
Tank Status:	In Service		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground: 10% or more below ground		
Install Date:	05/97		
Capacity (Gal):	20540		
Tank Type:	Fiberglass reinforced plastic [FRP]		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None/None		
Intrnl Protection:	Rubber Liner		
Tank Containment:	Vault (w/access)/None		
Pipe Type:	PLASTIC	Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	Vault (w/access)/None	Haz Percent:	30
Leak Detection:	Vapor Well/None		
Overfill Protection:	4/4		
Chemical:	Ferric chloride		
Tank Closed:	Not reported		
PBS Number:	2-456438	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	-	CAS Number:	7705080
SPDES Number:	0-026204	ICS Number:	0-026204

NEWTOWN CREEK WATER POLLUTION PLANT (Continued) **S100494600**

Facility Type:	Utility (i.e. Wastewater Treatment Plant)		
Operator:	J. PYNN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	WATCH ENGINEER	Emrgncy Phone:	(718) 389-2002
Certified Date:	11/23/2001	Expiration Date:	10/22/2003
Owner type:	Local Government		
Owner Sub Type:	Not reported		
Mail Name:	NYC DEP BUREAU OF WASTEWATER TREATMENT		
Mail Contact:	THOMAS A. PUKENIS 96-05 HORACE HARDING EXPRESSWAY 2 FLOOR-LOW RISE CORONA, NY 11368		
Mail Phone:	(718) 595-5134		
Tank Secret:	False	Date Entered:	11/13/1996 09:11:37
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	07/08/93	Date Expired:	10/22/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	174560
Unique Tank Id Number:	FST-4
Date Pre-Printed Renewal App Form Was Last Printed:	06/20/2001

This is the most recent NY CBS AST data for this site.

Click this hyperlink while viewing on your computer to access
18 additional NY CBS AST record(s) in the EDR Site Report.

LTANKS:

Spill Number:	9211551	Region of Spill:	2
Spill Date:	12/30/1992 12:00	Reported to Dept:	01/07/93 14:14
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	Surface Water		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Major Facility 400,000 gallons
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	GUTIERREZ	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	01/08/93		
Spill Notifier:	Local Agency	PBS Number:	Not reported
Cleanup Ceased:	01/08/93		
Last Inspection:	/ /		
Cleanup Meets Standard:	True		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		

NEWTOWN CREEK WATER POLLUTION PLANT (Continued) **S100494600**

Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 01/17/96
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 01/08/93
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 2004
Units: Gallons
Unknown Qty Spilled: 2004
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: KEROSENE
Class Type: Petroleum
Chem Abstract Service Number: KEROSENE
Last Date: 09/29/1994
Num Times Material Entry In File: 2052
DEC Remarks: Not reported
Spill Cause: CONTAMINATION DISCOVERED IN TREATMENT PLANT-DISCOVERED IT COMES FROM MOB IL SPILL-CHECKED MONITORING WELLS

N63 **NEWTOWN CREEK WATER POLLUTION CONTROL PLANT** **FINDS** **1000418123**
SSE **301 GREENPOINT AVENUE** **RCRIS-LQG** **NYD980779730**
1/4-1/2 **BROOKLYN, NY 11222** **LTANKS**
1737 ft. **NY Spills**

Site 3 of 3 in cluster N

Relative: Lower

Actual: 9 ft.

RCRIS:
Owner: Not reported
EPA ID: NYD980779730
Contact: Not reported
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3147.00	D002	636.68
D003	120.00	D004	620.00
D005	427.00	D007	2120.00
D008	13970720.00	D009	905.00
D011	120.00	D018	405.00
D028	427.00	D039	485400.00
F001	1727.00	F002	1727.00
F003	405.00	F005	405.00
LABP	740.00	P098	4.00

NEWTOWN CREEK WATER POLLUTION CONTROL PLANT (Continued) **1000418123**

P105 5.00

Violation Status: Violations exist

Regulation Violated:	373-3.2(g)(4),373-3.3(g)(1)
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	09/23/2002
Actual Date Achieved Compliance:	12/20/2002
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/07/2002
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ANNUAL REPORTING REQUIREMENTS
Date Violation Determined:	08/13/1998
Actual Date Achieved Compliance:	12/01/1998
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	08/13/1998
Penalty Type:	Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	20021220
Compliance Evaluation Inspection	GENERATOR-ANNUAL REPORTING REQUIREMENTS	19981201
Non-Financial Record Review	GENERATOR-ANNUAL REPORTING REQUIREMENTS	19981201

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS/Air Quality Subsystem
Aerometric Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system

SPILLS:

Spill Number:	0001944	Region of Spill:	2
Spill Date:	05/15/2000 16:30	Reported to Dept:	05/16/00 08:30
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date :	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SANGESLAND	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	CALLER	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	callers company was contracted to test underground tanks. compnay found contamination in the soil around tanks		

NEWTOWN CREEK WATER POLLUTION CONTROL PLANT (Continued) **1000418123**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: Not reported
- Leak Rate Failed Tank: Not reported
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: 0
- Units: Gallons
- Unknown Qty Spilled: No
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: UNKNOWN PETROLEUM
- Class Type: Petroleum
- Chem Abstract Service Number: UNKNOWN PETROLEUM
- Last Date: 09/29/1994
- Num Times Material Entry In File: 16414

Spill Closed Dt: / /
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Record Last Update: 05/23/00
Is Updated: False
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/16/00
Date Region Sent Summary to Central Office: / /
True Date : Not reported

This is the most recent NY SPILLS record for this site.

Click this hyperlink while viewing on your computer to access additional NY SPILLS detail in the EDR Site Report.

LTANKS:

Spill Number: 9907560
Region of Spill: 2
Spill Date: 09/23/1999 09:47
Reported to Dept: 09/23/99 09:47
ID: Not reported
Date Call Received: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Facility Contact: CALLER
Facility Tele: ( ) -
Investigator: KOLLEENY
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller: NYC DEP
Spiller Address: 301 GREEN POINT AVE

NEWTOWN CREEK WATER POLLUTION CONTROL PLANT (Continued) **1000418123**

BROOKLYN, NY -
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Responsible Party PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/14/00
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 09/23/99
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: LIRO OVERSAW CLOSURE OF NON-MOTOR FUEL TANKS; PMS IS OVERALL REMEDIATION CONTRACTOR FOR SITE; THEY WILL NOW HANDLE INVESTIGATION/REMEDIATION OF T HIS AND OTHER NON-MOTOR FUEL UST SPILLS.
Spill Cause: CALLER RECEIVED REPORT BACK ON SOIL TEST. SOIL CONTAMINATED.

O64 **DEPT OF CLEAN WATERS** **LTANKS** **S102673462**
SSE **329 GREEN POINT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
1774 ft.

Site 1 of 2 in cluster O

Relative:
Lower

Actual:
9 ft.

LTANKS:
Spill Number: 9606892 Region of Spill: 2
Spill Date: 08/29/1996 14:30 Reported to Dept: 08/29/96 15:03
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported Facility Tele: (718) 389-2002

DEPT OF CLEAN WATERS (Continued) **S102673462**

Investigator:	MARTINKAT	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	(718) 389-2002
Spiller:	DEPT OF CLEAN WATERS		
Spiller Address:	329 GREEN POINT AVE BROOKLYN		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	08/29/96		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	09/23/96		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
True Date :	Not reported		
Date Spill Entered In Computer Data File:	08/29/96		
Date Region Sent Summary to Central Office:	/ /		
Tank Test:			
PBS Number:	Not reported		
Tank Number:	Not reported		
Test Method:	Not reported		
Capacity of Failed Tank:	Not reported		
Leak Rate Failed Tank:	Not reported		
Gross Leak Rate:	Not reported		
Material:			
Material Class Type:	1		
Quantity Spilled:	15		
Units:	Gallons		
Unknown Qty Spilled:	15		
Quantity Recovered:	0		
Unknown Qty Recovered:	False		
Material:	#2 FUEL OIL		
Class Type:	Petroleum		
Chem Abstract Service Number:	#2 FUEL OIL		
Last Date:	12/07/1994		
Num Times Material Entry In File:	24464		
DEC Remarks:	Not reported		
Spill Cause:	DRIVER WAS INSTRUCTED TO FILL THE WRONG TANK. CLEAN UP CREW IS ENROUTE T O THE SCENE.		

O65 **NEWTOWN CREEK W.P.C.P.** **UST** **U003074888**
SSE **329 GREENPOINT AVENUE** **AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11222** **LTANKS**
1774 ft.

Site 2 of 2 in cluster O

Relative: Lower

Actual: 9 ft.

LTANKS:

Spill Number:	9700433	Region of Spill:	2
Spill Date:	04/09/1997 10:00	Reported to Dept:	04/09/97 10:56
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	BOB CONNAUGHTON	Facility Tele:	(718) 389-2000
Investigator:	MARTINKAT	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	BOB CONNAUGHTON	Spiller Phone:	(718) 389-2000
Spiller:	NEWTOWN CREEK SEWER PLANT		
Spiller Address:	329 GREEN POINT AVE BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	04/09/97		
Spill Notifier:	Local Agency	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	05/22/97		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
True Date :	Not reported		
Date Spill Entered In Computer Data File:	04/09/97		
Date Region Sent Summary to Central Office:	/ /		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	3
Quantity Spilled:	12000
Units:	Gallons
Unknown Qty Spilled:	12000
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	SODIUM HYDROCHLORIDE

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Class Type: Non Pet/Non Haz
Chem Abstract Service Number: SODIUM HYDROCHLORIDE
Last Date: Not reported
Num Times Material Entry In File: 3
DEC Remarks: DEP HAZMAT, ECS, FD, PD RESPONDED CONTRACTOR SNAPPED OFF FITTING ON BOTT OM OF TANK LEAKED INTO CONTAINMENT AREA. THEY STARTED PUMPING IT OUT TO OTHER TANKS- RESIDUAL IN CONTAINMENT WILL BE USED WITHIN PLANT WILL SCH EDULE CBS INSPECTION.
Spill Cause: LEAK IN TANK SPILL IS CONTAINED

PBS UST:

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS ID:	6101
Operator:	JIMMY PYNN (718) 389-2002		
Emergency Contact:	WATCH ENGINEER (718) 389-2002		
Total Tanks:	2		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Owner Type:	Local Govemment		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	DEPUTY DIRECTOR ATTN: THOMAS A. PUKENIS NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001A	Install Date:	12/01/1988
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/PAINTED/ASPHALT COATING		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	03/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	11/20/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2

PBS OWNHIST
Operator: JIMMY PYNN
Emergency: WATCH ENGINEER
Emergency Tel: (718) 389-2002 Old PBSNO: Not reported
Facility Type: OTHER
Facility Owner: NEWTOWN CREEK W.P.C.P.
Facility Address: 301 GREENPOINT AVENUE
301 GREENPOINT AVENUE
BROOKLYN, NY 11222
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 14-6013200
Owner: NYC DEP BUREAU OF WPC
Owner Tel: (718) 595-5050 Owner Type: Local Government
Owner Subtype: Not reported
Mail Address: NYC DEP BUREAU OF WPC
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
MR. THOMAS A. PUKENIS
(718) 595-5134
Owner Mark: First Owner
Certify Date: 12/06/1998 Expiration: 12/06/1998
Total Capacity (Gal): 231500
CBS Registration Num : 2-000233
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 389-2002
Num of Active Tanks : 7
Facility Owner: NYC DEP BUREAU OF WPC
Facility Address: 96-05 HORACE HARDING EXPRESSWAY

CORONA, NY 11368
Owner Phone: (718) 595-5050
Facility Status: 1
Certificate Needs Printed : True
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/20/1996
Facility Record Updated: True

PBS Number: 2-456438 CBS Number: 2-000233
SPDES Number: 0-026204 SWIS ID: 6101
Operator: JIMMY PYNN
(718) 389-2002
Emergency Contact: WATCH ENGINEER
(718) 389-2002
Total Tanks: 2
Owner: NYC DEP BUREAU OF CLEAN WATER
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Owner Type: Local Government

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	DEPUTY DIRECTOR ATTN: THOMAS A. PUKENIS NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Tank Status:	Closed - Removed		
Capacity (gals):	1000		
Tank Location:	UNDERGROUND		
Tank Id:	014	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	LUBE OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	NONE
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	07/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	11/20/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

(718) 595-5134
Owner Mark: First Owner
Certify Date: 12/06/1998 Expiration: 12/06/1998
Total Capacity (Gal): 231500
CBS Registration Num : 2-000233
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 389-2002
Num of Active Tanks : 7
Facility Owner: NYC DEP BUREAU OF WPC
Facility Address: 96-05 HORACE HARDING EXPRESSWAY

CORONA, NY 11368
Owner Phone: (718) 595-5050
Facility Status: 1
Certificate Needs Printed : True
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/20/1996
Facility Record Updated: True

PBS Number: 2-456438 CBS Number: 2-000233
SPDES Number: 0-026204 SWIS ID: 6101
Operator: JIMMY PYNN
(718) 389-2002
Emergency Contact: WATCH ENGINEER
(718) 389-2002
Total Tanks: 2
Owner: NYC DEP BUREAU OF CLEAN WATER
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Owner Type: Local Government
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: DEPUTY DIRECTOR
ATTN: THOMAS A. PUKENIS
NYC DEP - BUR OF WASTEWATER TREATMENT
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Tank Status: Temporarily Out of Service
Capacity (gals): 550
Tank Location: UNDERGROUND
Tank Id: 001 Install Date: 12/01/1988
Tank Type: Steel/carbon steel Product Stored: UNLEADED GASOLINE
Tank Internal: NONE Pipe Internal: NONE
Pipe Location: Underground Pipe Type: GALVANIZED STEEL
Tank External: NONE/PAINTED/ASPHALT COATING
Missing Data for Tank: No Missing Data
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE/NONE
Overfill Prot: None Dispenser: Suction
Date Tested: Not reported Next Test Date: Not reported

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Date Closed:	03/01/1996	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	11/20/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998
Total Capacity (Gal):	231500		

CBS Registration Num :	2-000233
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 389-2002
Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/20/1996
Facility Record Updated:	True

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS ID:	6101
Operator:	JIMMY PYNN (718) 389-2002		
Emergency Contact:	WATCH ENGINEER (718) 389-2002		
Total Tanks:	2		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Owner Type:	Local Government		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	DEPUTY DIRECTOR ATTN: THOMAS A. PUKENIS NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 (718) 595-5050		
Tank Status:	Closed - In Place		
Capacity (gals):	50000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	01/01/1967
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1999	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	11/20/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Facility Owner: NEWTOWN CREEK W.P.C.P.
Facility Address: 301 GREENPOINT AVENUE
301 GREENPOINT AVENUE
BROOKLYN, NY 11222

Inspector: Not reported
Inspect Date: Not reported
Insp Result: Not reported
Federal ID: 14-6013200
Owner: NYC DEP BUREAU OF WPC
Owner Tel: (718) 595-5050
Owner Type: Local Government
Owner Subtype: Not reported
Mail Address: NYC DEP BUREAU OF WPC
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
MR. THOMAS A. PUKENIS
(718) 595-5134
Owner Mark: First Owner
Certify Date: 12/06/1998
Expiration: 12/06/1998
Total Capacity (Gal): 231500

CBS Registration Num : 2-000233
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 389-2002
Num of Active Tanks : 7
Facility Owner: NYC DEP BUREAU OF WPC
Facility Address: 96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
Owner Phone: (718) 595-5050
Facility Status: 1
Certificate Needs Printed : True
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/20/1996
Facility Record Updated: True

PBS Number: 2-456438
CBS Number: 2-000233
SPDES Number: 0-026204
SWIS ID: 6101
Operator: JIMMY PYNN
(718) 389-2002
Emergency Contact: WATCH ENGINEER
(718) 389-2002
Total Tanks: 2
Owner: NYC DEP BUREAU OF CLEAN WATER
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Owner Type: Local Government
Owner Mark: Second Owner
Owner Subtype: Not reported
Mailing Address: DEPUTY DIRECTOR
ATTN: THOMAS A. PUKENIS
NYC DEP - BUR OF WASTEWATER TREATMENT
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
(718) 595-5050
Tank Status: Closed - In Place

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Capacity (gals):	50000		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	01/01/1967
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Prot:	None	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	08/01/1999	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	1550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/11/2001
Old PBS Number:	Not reported	Expiration Date:	11/20/2001
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998
Total Capacity (Gal):	231500		
CBS Registration Num :	2-000233		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 389-2002		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY
	CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occur in Computer :	11/20/1996
Facility Record Updated:	True

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
8 additional NY PBS record(s) in the EDR Site Report.

PBS AST:

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	OTHER		
Owner Type:	Local Government		
Owner Sub Type:	Not reported		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Owner Phone:	(718) 595-5050		
Facility Phone:	(718) 389-2002		
Operator:	JIMMY PYNN		
Emergency Name:	WATCH ENGINEER		
Emergency Phone:	(718) 389-2002		
Total Tanks:	2		
Total Capacity:	1550		
Tank ID:	009		
Capacity (Gal):	600		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	Not reported		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	03/01/1996	Test Method:	Not reported
Updated:	True	Deleted:	False

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	DEPUTY DIRECTOR		
Mailing Address:	NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Mailing Contact:	THOMAS A. PUKENIS		
Mailing Telephone:	(718) 595-5050		
Owner Mark:	Second Owner	Expiration Date:	11/20/2001
Certification Flag:	False	Certification Date:	05/11/2001
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998
Total Capacity (Gal):	231500		

CBS Registration Num :	2-000233
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 389-2002
Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True
Renewal Printed :	False

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/20/1996
Facility Record Updated:	True

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	OTHER		
Owner Type:	Local Government		
Owner Sub Type:	Not reported		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Owner Phone:	(718) 595-5050		
Facility Phone:	(718) 389-2002		
Operator:	JIMMY PYNN		
Emergency Name:	WATCH ENGINEER		
Emergency Phone:	(718) 389-2002		
Total Tanks:	2		
Total Capacity:	1550		
Tank ID:	010		
Capacity (Gal):	600		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	OTHER		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	NONE		
Pipe Type:	Not reported		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Not reported		
Dispenser Method:	Gravity		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	03/01/1996	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	DEPUTY DIRECTOR		
Mailing Address:	NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Mailing Contact:	THOMAS A. PUKENIS		
Mailing Telephone:	(718) 595-5050		
Owner Mark:	Second Owner	Expiration Date:	11/20/2001
Certification Flag:	False	Certification Date:	05/11/2001
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Owner Screen: No data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST
Operator: JIMMY PYNN
Emergency: WATCH ENGINEER
Emergency Tel: (718) 389-2002 Old PBSNO: Not reported
Facility Type: OTHER
Facility Owner: NEWTOWN CREEK W.P.C.P.
Facility Address: 301 GREENPOINT AVENUE
301 GREENPOINT AVENUE
BROOKLYN, NY 11222
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 14-6013200
Owner: NYC DEP BUREAU OF WPC
Owner Tel: (718) 595-5050 Owner Type: Local Government
Owner Subtype: Not reported
Mail Address: NYC DEP BUREAU OF WPC
96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368
MR. THOMAS A. PUKENIS
(718) 595-5134
Owner Mark: First Owner
Certify Date: 12/06/1998 Expiration: 12/06/1998
Total Capacity (Gal): 231500
CBS Registration Num : 2-000233
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 389-2002
Num of Active Tanks : 7
Facility Owner: NYC DEP BUREAU OF WPC
Facility Address: 96-05 HORACE HARDING EXPRESSWAY

CORONA, NY 11368
Owner Phone: (718) 595-5050
Facility Status: 1
Certificate Needs Printed : True
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/20/1996
Facility Record Updated: True

PBS Number: 2-456438 CBS Number: 2-000233
SPDES Number: 0-026204 SWIS Code: 6101
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Type: OTHER
Owner Type: Local Government
Owner Sub Type: Not reported
Owner: NYC DEP BUREAU OF CLEAN WATER

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

96-05 HORACE HARDING EXPRESSWAY
CORONA, NY 11368

Owner Phone:	(718) 595-5050		
Facility Phone:	(718) 389-2002		
Operator:	JIMMY PYNN		
Emergency Name:	WATCH ENGINEER		
Emergency Phone:	(718) 389-2002		
Total Tanks:	2		
Total Capacity:	1550		
Tank ID:	011		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	01/01/1929		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	VAULT/CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	08/01/1996	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	DEPUTY DIRECTOR		
Mailing Address:	NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Mailing Contact:	THOMAS A. PUKENIS		
Mailing Telephone:	(718) 595-5050		
Owner Mark:	Second Owner	Expiration Date:	11/20/2001
Certification Flag:	False	Certification Date:	05/11/2001
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

301 GREENPOINT AVENUE
BROOKLYN, NY 11222

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998
Total Capacity (Gal):	231500		

CBS Registration Num :	2-000233
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 389-2002
Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/20/1996
Facility Record Updated:	True

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	OTHER		
Owner Type:	Local Government		
Owner Sub Type:	Not reported		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Owner Phone:	(718) 595-5050		
Facility Phone:	(718) 389-2002		
Operator:	JIMMY PYNN		
Emergency Name:	WATCH ENGINEER		
Emergency Phone:	(718) 389-2002		
Total Tanks:	2		
Total Capacity:	1550		
Tank ID:	012		
Capacity (Gal):	275		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Tank Type:	Steel/carbon steel		
Install Date:	01/01/1929		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	VAULT/CONCRETE DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	Product Level Gauge, Vent Whistle		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	08/01/1996	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	DEPUTY DIRECTOR		
Mailing Address:	NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Mailing Contact:	THOMAS A. PUKENIS		
Mailing Telephone:	(718) 595-5050		
Owner Mark:	Second Owner	Expiration Date:	11/20/2001
Certification Flag:	False	Certification Date:	05/11/2001
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Total Capacity (Gal):	231500
CBS Registration Num :	2-000233
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 389-2002
Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY
	CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	11/20/1996
Facility Record Updated:	True

PBS Number:	2-456438	CBS Number:	2-000233
SPDES Number:	0-026204	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	OTHER		
Owner Type:	Local Government		
Owner Sub Type:	Not reported		
Owner:	NYC DEP BUREAU OF CLEAN WATER 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Owner Phone:	(718) 595-5050		
Facility Phone:	(718) 389-2002		
Operator:	JIMMY PYNN		
Emergency Name:	WATCH ENGINEER		
Emergency Phone:	(718) 389-2002		
Total Tanks:	2		
Total Capacity:	1550		
Tank ID:	013		
Capacity (Gal):	1000		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	LUBE OIL		
Tank Type:	Steel/carbon steel		
Install Date:	12/01/1986		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE/NONE		
Pipe Type:	GALVANIZED STEEL		
Pipe Location:	None		
Pipe Internal:	EPOXY LINER		
Pipe External:	NONE/NONE		
Leak Detection:	NONE/NONE		
Overfill Protection:	None		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	DEPUTY DIRECTOR		
Mailing Address:	NYC DEP - BUR OF WASTEWATER TREATMENT 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368		
Mailing Contact:	THOMAS A. PUKENIS		
Mailing Telephone:	(718) 595-5050		
Owner Mark:	Second Owner	Expiration Date:	11/20/2001
Certification Flag:	False	Certification Date:	05/11/2001
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator:	JIMMY PYNN		
Emergency:	WATCH ENGINEER		
Emergency Tel:	(718) 389-2002	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	NEWTOWN CREEK W.P.C.P.		
Facility Address:	301 GREENPOINT AVENUE 301 GREENPOINT AVENUE BROOKLYN, NY 11222		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	14-6013200
Owner:	NYC DEP BUREAU OF WPC		
Owner Tel:	(718) 595-5050	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	NYC DEP BUREAU OF WPC 96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368 MR. THOMAS A. PUKENIS (718) 595-5134		
Owner Mark:	First Owner		
Certify Date:	12/06/1998	Expiration:	12/06/1998
Total Capacity (Gal):	231500		

CBS Registration Num :	2-000233
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 389-2002
Num of Active Tanks :	7
Facility Owner:	NYC DEP BUREAU OF WPC
Facility Address:	96-05 HORACE HARDING EXPRESSWAY CORONA, NY 11368
Owner Phone:	(718) 595-5050
Facility Status:	1
Certificate Needs Printed :	True

NEWTOWN CREEK W.P.C.P. (Continued) **U003074888**

Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 11/20/1996
Facility Record Updated: True

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66 **DEPT OF SANITATION** **LTANKS** **S104950988**
East **459 N HENRY ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1852 ft.

Relative:
Lower

Actual:
0 ft.

LTANKS:
Spill Number: 0012519 Region of Spill: 2
Spill Date: 02/22/2001 14:00 Reported to Dept: 02/22/01 14:09
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: ROBERT JOHNSON Facility Tele: (914) 633-7500
Investigator: DEMEO SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: ROBERT JOHNSON Spiller Phone: (718) 768-5795
Spiller: DEPT OF SANITATION
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: 2-455946
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 02/26/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 02/22/01
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 5000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons

DEPT OF SANITATION (Continued) **S104950988**

Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: UNCOVER ISOLATE AND RETEST

67 NNW 1/4-1/2 1888 ft. **DITMAS OIL-LONG ISLAND CITY** **MOSF AST** **1000545042**
53-02 11TH ST. **N/A**
LONG ISLAND CITY, NY 11101

Relative: Lower

Actual: 6 ft.

MOSF AST:

MOSF Number:	2-2020	Telephone:	(718) 782-4200
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	INACTIVE FACILITY		
Tank Status:	0		
Owner:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Owner Tel:	(718) 782-4200		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	24
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	05/34	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Empty	Capacity (gal):	0
Status of Data:	Major Errors		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	00/82	Date Closed:	03/96
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Mailing Contact:	GEORGE ESAYAN		
Mailing Phone:	(718) 782-4200		
Pipe Flag:	False		
Reserve Flag:	True		
Legal Agent:	CARL SULFARO, ESQ. 2728 HENRY HUDSON PKWY SUITE #33A BRONX, NY 10463		

Date Legal Agent Filed with Secretary of State: 06/85
Name of Emergency Contact: GEORGE ESAYAN
Emergency Contact Telephone: (718) 782-4200
Chemical Bulk Storage Number: Not reported

DITMAS OIL-LONG ISLAND CITY (Continued) **1000545042**

Pollution Discharge Elimination System Num:	0-104604
License Status:	License Pending
Date License Application Received:	01/25/1995
Date License Issued:	03/27/1990
Product Transfer Operation:	Tank Truck
	Vessel/Barge (Including off-shore platform)

Operator Name:	GEORGE ESAYAN
Lat/Long:	40|44|22 / 73|57|15
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	11/20/1990
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1991
Renew Date:	11/16/1994
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2020	Telephone:	(718) 782-4200
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	INACTIVE FACILITY		
Tank Status:	0		
Owner:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Owner Tel:	(718) 782-4200		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	25
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	05/34	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Empty	Capacity (gal):	0
Status of Data:	Major Errors		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	00/82	Date Closed:	03/96
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Mailing Contact:	GEORGE ESAYAN		
Mailing Phone:	(718) 782-4200		
Pipe Flag:	False		
Reserve Flag:	True		
Legal Agent:	CARL SULFARO, ESQ. 2728 HENRY HUDSON PKWY SUITE #33A BRONX, NY 10463		

Date Legal Agent Filed with Secretary of State: 06/85

DITMAS OIL-LONG ISLAND CITY (Continued) **1000545042**

Name of Emergency Contact:	GEORGE ESAYAN
Emergency Contact Telephone:	(718) 782-4200
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-104604
License Status:	License Pending
Date License Application Received:	01/25/1995
Date License Issued:	03/27/1990
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform)

Operator Name:	GEORGE ESAYAN
Lat/Long:	40|44|22 / 73|57|15
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	11/20/1990
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1991
Renew Date:	11/16/1994
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2020	Telephone:	(718) 782-4200
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	INACTIVE FACILITY		
Tank Status:	0		
Owner:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Owner Tel:	(718) 782-4200		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	26
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	05/34	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Empty	Capacity (gal):	0
Status of Data:	Major Errors		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Gravity
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Concrete Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	00/82	Date Closed:	03/96
Dispensing Mthd:	Gravity		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Mailing Contact:	GEORGE ESAYAN		
Mailing Phone:	(718) 782-4200		
Pipe Flag:	False		
Reserve Flag:	True		
Legal Agent:	CARL SULFARO, ESQ.		

DITMAS OIL-LONG ISLAND CITY (Continued) **1000545042**

2728 HENRY HUDSON PKWY SUITE #33A
BRONX, NY 10463

Date Legal Agent Filed with Secretary of State:	06/85
Name of Emergency Contact:	GEORGE ESAYAN
Emergency Contact Telephone:	(718) 782-4200
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-104604
License Status:	License Pending
Date License Application Received:	01/25/1995
Date License Issued:	03/27/1990
Product Transfer Operation:	Tank Truck
	Vessel/Barge (Including off-shore platform)

Operator Name:	GEORGE ESAYAN		
Lat/Long:	40|44|22 / 73|57|15		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	11/20/1990		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/1991		
Renew Date:	11/16/1994		
Inspector Initials:	Not reported		
COI Date:	/ /		
MOSF Number:	2-2020	Telephone:	(718) 782-4200
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	INACTIVE FACILITY		
Tank Status:	0		
Owner:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Owner Tel:	(718) 782-4200		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	28
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground: 10% or more below ground		
Install Date:	07/74	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Empty	Capacity (gal):	0
Status of Data:	Major Errors		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	Not reported	Date Closed:	03/96
Dispensing Mthd:	Submersible		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Mailing Contact:	GEORGE ESAYAN		
Mailing Phone:	(718) 782-4200		

DITMAS OIL-LONG ISLAND CITY (Continued) **1000545042**

Pipe Flag:	False
Reserve Flag:	True
Legal Agent:	CARL SULFARO, ESQ. 2728 HENRY HUDSON PKWY SUITE #33A BRONX, NY 10463
Date Legal Agent Filed with Secretary of State:	06/85
Name of Emergency Contact:	GEORGE ESAYAN
Emergency Contact Telephone:	(718) 782-4200
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-104604
License Status:	License Pending
Date License Application Received:	01/25/1995
Date License Issued:	03/27/1990
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform)
Operator Name:	GEORGE ESAYAN
Lat/Long:	40|44|22 / 73|57|15
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	11/20/1990
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/1991
Renew Date:	11/16/1994
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2020	Telephone:	(718) 782-4200
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	INACTIVE FACILITY		
Tank Status:	0		
Owner:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET LONG ISLAND CITY, NY 11101		
Owner Tel:	(718) 782-4200		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	27E
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground: 10% or more below ground		
Install Date:	05/48	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Empty	Capacity (gal):	0
Status of Data:	Major Errors		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	24		
Test Date:	Not reported	Date Closed:	03/98
Dispensing Mthd:	Submersible		
SWIS Code:	63	Facility Town:	NEW YORK CITY
Mailing Name:	DITMAS OIL ASSOC., INC. 53-02 11TH STREET		

DITMAS OIL-LONG ISLAND CITY (Continued) **1000545042**

LONG ISLAND CITY, NY 11101
Mailing Contact: GEORGE ESAYAN
Mailing Phone: (718) 782-4200
Pipe Flag: False
Reserve Flag: True
Legal Agent: CARL SULFARO, ESQ.
2728 HENRY HUDSON PKWY SUITE #33A
BRONX, NY 10463
Date Legal Agent Filed with Secretary of State: 06/85
Name of Emergency Contact: GEORGE ESAYAN
Emergency Contact Telephone: (718) 782-4200
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-104604
License Status: License Pending
Date License Application Received: 01/25/1995
Date License Issued: 03/27/1990
Product Transfer Operation: Tank Truck
Vessel/Barge (Including off-shore platform)

Operator Name: GEORGE ESAYAN
Lat/Long: 40|44|22 / 73|57|15
Vessel ID: Not reported
Inspected State: Not reported
Inspected Date: 11/20/1990
Owner Status: 1
Owner Mark: 1
LIC Expires: 03/31/1991
Renew Date: 11/16/1994
Inspector Initials: Not reported
COI Date: / /

Click this hyperlink while viewing on your computer to access
1 additional NY AST MOSF record(s) in the EDR Site Report.

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68 **BULOVA CORPORATION** **LTANKS** **S105998104**
WNW **77 COMMERCIAL STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
1892 ft.

Relative:
Higher

Actual:
12 ft.

LTANKS:

Spill Number: 0211097
Tank Number: 1
Test Method: HORNER EZ CHECK
Spill Date: 02/05/03
ID: 18565
Material Spilled 1 :#2 FUEL OIL
Region Close Dt : 04/09/03
Resource Affectd: ON LAND
Spill Cause: TANK TEST FAILURE
Water Affected: Not reported

Region of Spill: 2
Tank Size : 15000
Leak Rate: 0.00
Reported to Dept: / /
Date Call Received:02/05/03
Amount Spilled 1 : 0 Gal.

Spill Source: OTHER COMM/INDUSTRIAL

Spill Number: 0211097
Tank Number: 1
Test Method: HORNER EZ CHECK
Spill Date: 02/05/03
ID: 18566
Material Spilled 1 :#2 FUEL OIL
Region Close Dt : 04/09/03
Resource Affectd: ON LAND
Spill Cause: TANK TEST FAILURE

Region of Spill: 2
Tank Size : 15000
Leak Rate: 0.00
Reported to Dept: / /
Date Call Received:02/05/03
Amount Spilled 1 : 0 Gal.

BULOVA CORPORATION (Continued) **S105998104**

Water Affected: Not reported
Spill Source: OTHER COMM/INDUSTRIAL

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69 ESE 1/4-1/2 1945 ft. **ALLOCCO RECYCLING; INC** **SWF/LF** **S105841233**
540 KINGSLAND AVENUE **N/A**
BROOKLYN, NY 11222

Relative: Lower

Actual: 9 ft.

LF:
Secondary Addr : Not reported
Region Code : 2
Phone Number : 7183493094
Owner Name : Not reported
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Owner Phone : 0
Contact Name : MICHAEL ALLOCO; PRESIDENT
Contact Address : Not reported
Not reported
0
Contact Email : Not reported
Contact Phone : 0
Activity Desc : C&D processing - registered
Activity Number : 24WA3
Active : Yes
Accuracy Code : Not reported
North Coordinate : Not reported
East Coordinate : Not reported
Regulatory Status Not reported
Waste Type : Not reported
Authorization # : 2-6101-00125
Authorization Date : / /
Expiration Date : / /

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70 WNW 1/4-1/2 1957 ft. **65 COMMERCIAL ST/BKLYN** **LTANKS** **S100146732**
65 COMMERCIAL STREET **N/A**
BROOKLYN, NY

Relative: Higher

Actual: 12 ft.

LTANKS:
Spill Number: 9011113
Region of Spill: 2
Spill Date: 01/18/1991 15:00
Reported to Dept: 01/18/91 16:25
ID: Not reported
Date Call Received: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported
Facility Tele: (718) 739-7535
Investigator: TIBBE
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: NYCTA
Spiller Address: 90-25 161ST STREET
JAMAICA, NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Other
PBS Number: Not reported

65 COMMERCIAL ST/BKLYN (Continued) **S100146732**

Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Spill Record Last Update: 12/27/00
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 02/01/91
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIESEL
Class Type: Petroleum
Chem Abstract Service Number: DIESEL
Last Date: 07/28/1994
Num Times Material Entry In File: 10625
Material Class Type: 1
Quantity Spilled: 0
Units: Pounds
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: LUBE OIL
Class Type: Petroleum
Chem Abstract Service Number: LUBE OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 295
Material: LUBRICATING OIL
Class Type: Petroleum
Chem Abstract Service Number: LUBRICATING OIL
Last Date: Not reported
Num Times Material Entry In File: 292
DEC Remarks: 01/18/91: WILL PUMP OUT OIL. 11/16/94: REASSIGNED FROM SIGONA TO ZHITOMI RSKY ON 11/16/94. transfered from Hale to Tibbe on 12/27/00. tanks rep aired/replaced/upgraded. investigation ongoing.
Spill Cause: 3) 5K DIESEL TANKS IN 1) UNDERGROUND CONCRETE VAULT, 25 INCHES OF WATER OIL DISCOVERED 2 INCHES OF OIL ON WATER),2ND VAULT CONTAINED LUBE OIL,1 120 GAL TANK, 2) 550 GAL WASTE OIL,SAME CONDITION.

71 SE 1/4-1/2 2057 ft. **MOBIL/GREENPOINT RECOVERY**
MEEKER AVE/GREENPOINT
BROOKLYN, NY

Database(s): **LTANKS** EDR ID Number: **S101658490** EPA ID Number: **N/A**

Relative: Lower

Actual: 9 ft.

LTANKS:

Spill Number:	9507023	Region of Spill:	2
Spill Date:	09/08/1995 12:30	Reported to Dept:	09/08/95 14:37
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	NEWTOWN CREEK	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MULQUEEN	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	MOBIL GREENPOINT PLUME		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	/ /		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	/ /		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		
True Date :	Not reported		
Date Spill Entered In Computer Data File:	10/03/95		
Date Region Sent Summary to Central Office:	/ /		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	0
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM

MOBIL/GREENPOINT RECOVERY (Continued) **S101658490**

Last Date: 09/29/1994
Num Times Material Entry In File: 16414
DEC Remarks: Not reported
Spill Cause: RECOVERY TANK DID NOT PASS TESTING - MOBIL WILL EXCAVATE, INVESTIGATE, R EPAIR AND REPLACE

P72 **330 CALYER ST.** **LTANKS** **S101102922**
SE **330 CALYERE ST.** **N/A**
1/4-1/2 **BROOKLYN, N.Y., NY**
2087 ft.

Site 1 of 2 in cluster P

Relative: Equal

Actual: 10 ft.

LTANKS:

Spill Number:	9401962	Region of Spill:	2
Spill Date:	05/10/1994 12:15	Reported to Dept:	05/10/94 12:15
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	TANG	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	04/30/98		
Spill Notifier:	Tank Tester	PBS Number:	Not reported

Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/14/98
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 05/13/94
Date Region Sent Summary to Central Office: / /

Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: 0
- Leak Rate Failed Tank: 0.00
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: 1

330 CALYER ST. (Continued) **S101102922**

Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: Not reported

P73 **RAPID RECYCLING PAPER CORP.** **SWF/LF S105838148**
SE **860 HUMBOLDT STREET** **SWRCY N/A**
1/4-1/2 **BROOKLYN, NY 11222**
2090 ft.

Site 2 of 2 in cluster P

Relative:
Equal

Actual:
10 ft.

LF:

Secondary Addr : Not reported
Phone Number : 7183497555
Owner Type : Not reported
Owner Address : Not reported
Not reported
0
Owner Email : Not reported
Contact Name : Cosimo Tristani; President
Contact Address : Not reported
860 Humboldt Street
Brooklyn, NY 11222
Contact Email : Not reported
Activity Desc : Source separated solid waste recyclables
Activity Number : 24MC6
Active : Yes
North Coordinate : Not reported
Regulatory Status Registration
Waste Type : Paper (All Types)
Authorization # : None
Expiration Date : / /

Region Code : 2
Owner Name : Not reported
Owner Phone : 0
Contact Phone : 7183497555
Accuracy Code : Not reported
East Coordinate : Not reported
Authorization Date : / /

Secondary Addr : Not reported
Phone Number : 7183497555
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported
Contact Name : COSIMO TRISTANI
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : Source separated solid waste recyclables
Activity Number : 24MC6
Active : No
North Coordinate : Not reported
Regulatory Status Registration
Waste Type : Paper (All Types)
Authorization # : None

Region Code : 2
Owner Name : Not reported
Owner Phone : Not reported
Contact Phone : Not reported
Accuracy Code : Not reported
East Coordinate : Not reported
Authorization Date : Not reported

RAPID RECYCLING PAPER CORP. (Continued) **S105838148**

Expiration Date : Not reported

NY SWRCY

Permit #:	None		
Region:	2	Phone Number:	7183497555
Owner Type:	Not reported		
Owner Name:	Not reported		
Owner Address:	0		
Owner Email:	Not reported	Owner Phone:	0
Contact Name:	Cosimo Tristani; President		
Contact Address:	Brooklyn, NY 11222		
Contact Email:	Not reported	Contact Phone:	(718) 349-7555
North Coordinate:	Not reported	East Coordinate:	Not reported
Active:	Yes		
Accuracy Code:	Not reported		
Regulatory Status:	Registration	Activity Number:	24MC6
Auth. Date:	/ /	Expiration Date:	Not reported
Activity Desc:	Source separated solid waste recyclables		
Waste Types:	Paper (All Types)		

74 **51-02 21 ST** **LTANKS** **S100167593**
North **51-02 21 ST** **N/A**
1/4-1/2 **NYC, NY**
2130 ft.

Relative: **Lower**

Actual: **8 ft.**

LTANKS:

Spill Number:	8806127	Region of Spill:	2
Spill Date:	10/20/1988 10:00	Reported to Dept:	10/20/88 10:17
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	(718) 361-1373
Investigator:	SANGESLAND /BATTISTA	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	AMJ REALTY CO		
Spiller Address:	SAME		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/04/93		
Spill Notifier:	Tank Tester	PBS Number:	2-149780
Cleanup Ceased:	11/04/93		
Last Inspection:	/ /		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	/ /		
Enforcement Date:	/ /		
Investigation Complete:	/ /		
UST Involvement:	False		
Spill Record Last Update:	12/19/01		
Is Updated:	False		
Corrective Action Plan Submitted:	/ /		

51-02 21 ST (Continued) **S100167593**

True Date : Not reported
Date Spill Entered In Computer Data File: 10/31/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
Spill Cause: 10K TK SYS FAILED PETRO, WOULDN T MAINTAIN LEVEL IN STAND PIPE.

Click this hyperlink while viewing on your computer to access additional LTANKS detail in the EDR Site Report.

75
ESE
1/4-1/2
2218 ft.

METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222

MOSF UST **S102633621**
MOSF AST **N/A**

Relative:
Lower

Actual:
7 ft.

MOSF UST:
Facility ID: 2-1380
SWIS Code: 61
Tank Status: In Service
Operator: PAUL PULLO
Owner: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222
Owner Tel: (718) 389-7772
Mail To: METRO TERMINALS CORP.
498 KINGSLAND AVENUE
BROOKLYN, NY 11222
ATTN: PAUL PULLO
(718) 389-5800
Owner Status: 1
Legal Agent: SANTO D. SGARLATTO
332A 9TH STREET
BROOKLYN, NY 11211
Date Filed: 06/86
Emerg Contact: PAUL PULLO, (718) 383-1400
SPDES Num: 0-007676
Total Tanks: 32
Tank Status: In Service
Status of Data: Complete
Avg Throughput: 200000
License Issued: 04/01/1999
Facility Type: Storage Terminal

Facility Status: ACTIVE FACILITY
Facility Town: GREENPOINT
Federal Id No Not reported
Contact Phone: (718) 389-7772
Owner Type: UNDEFINED
COI Date: / /
CBS Number: Not reported
Total Capacity: 4608401
License Stat: Issued
Expiration Date: 03/31/2004

METRO TERMINALS CORP. (Continued) **S102633621**

Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	3
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	814000
Product:	Nos. 5, or 6 Fuel Oil	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Submersible
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/87	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	1C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON

METRO TERMINALS CORP. (Continued) **S102633621**

Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	1D
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Empty	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		

METRO TERMINALS CORP. (Continued) **S102633621**

Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	2C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY

METRO TERMINALS CORP. (Continued) **S102633621**

SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	2D
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	None		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP.		

METRO TERMINALS CORP. (Continued) **S102633621**

498 KINGSLAND AVENUE
BROOKLYN, NY 11222
ATTN: PAUL PULLO
(718) 389-5800

Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	3C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

METRO TERMINALS CORP. (Continued) **S102633621**

Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	4C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Diesel	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004

METRO TERMINALS CORP. (Continued) **S102633621**

Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	5C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Unleaded Gasoline	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	6C
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	550
Product:	Unleaded Gasoline	Tank Internal:	None
Tank Type:	Steel/carbon steel		
Tank External:	None		

METRO TERMINALS CORP. (Continued) **S102633621**

Pipe Location:	Underground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/93	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	9A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18668
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		

METRO TERMINALS CORP. (Continued) **S102633621**

Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	10A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18772
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True

METRO TERMINALS CORP. (Continued) **S102633621**

Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	11A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18668
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True

Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		

METRO TERMINALS CORP. (Continued) **S102633621**

Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	12A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18772
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO		

METRO TERMINALS CORP. (Continued) **S102633621**

	332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	13A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18772
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		

METRO TERMINALS CORP. (Continued) **S102633621**

Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	14A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18719
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	15A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18722
Product:	Diesel	Tank Internal:	Epoxy Liner

METRO TERMINALS CORP. (Continued) **S102633621**

Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	16A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18722
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		

METRO TERMINALS CORP. (Continued) **S102633621**

Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	17A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18719
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998

METRO TERMINALS CORP. (Continued) **S102633621**

Pipe Flag:	True	Renew Flag:	True
Facility ID:	2-1380	Facility Status:	ACTIVE FACILITY
SWIS Code:	61	Facility Town:	GREENPOINT
Tank Status:	In Service	Federal Id No	Not reported
Operator:	PAUL PULLO	Contact Phone:	(718) 389-7772
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772	Owner Type:	UNDEFINED
Mail To:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222 ATTN: PAUL PULLO (718) 389-5800		
Owner Status:	1	COI Date:	/ /
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		
Date Filed:	06/86	CBS Number:	Not reported
Emerg Contact:	PAUL PULLO, (718) 383-1400		
SPDES Num:	0-007676		
Total Tanks:	32	Total Capacity:	4608401
Tank Status:	In Service		
Status of Data:	Complete		
Avg Throughput:	200000	License Stat:	Issued
License Issued:	04/01/1999	Expiration Date:	03/31/2004
Facility Type:	Storage Terminal		
Transfer Operation:	Tank Truck, Vessel/Barge, Pipeline		
Applic Rcvd:	02/24/1999	Tank ID:	18A
Tank Location:	Underground		
Install Date:	00/00	Capacity (Gal):	18782
Product:	Diesel	Tank Internal:	Epoxy Liner
Tank Type:	Steel/carbon steel		
Tank External:	None		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	None		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	12/92	Date Closed:	Not reported
Lat/Long:	40|44|10 / 73|56|30		
Inspected Date:	10/29/1997		
Inspector Initials:	AS		
Owner Mark:	1	Operator Name:	PAUL PULLO
Prod Xfer Options:	ACD	Operator Name:	PAUL PULLO
Inspector Status:	Not reported	License Issued:	04/01/1999
Vessel Id:	Not reported	Renew Date:	12/11/1998
Pipe Flag:	True	Renew Flag:	True

MOSF AST:

MOSF Number:	2-1380	Telephone:	(718) 389-7772
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	METRO TERMINALS CORP.		

METRO TERMINALS CORP. (Continued) **S102633621**

498 KINGSLAND AVENUE
BROOKLYN, NY 11222

Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	4
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	Not reported	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	420000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	85		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	06/92	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

Date Legal Agent Filed with Secretary of State:	06/86
Name of Emergency Contact:	PAUL PULLO
Emergency Contact Telephone:	(718) 383-1400
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007676
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	PAUL PULLO		
Lat/Long:	40|44|10 / 73|56|30		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	10/29/1997		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2004		
Renew Date:	12/11/1998		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1380	Telephone:	(718) 389-7772
Federal ID:	Not reported		

METRO TERMINALS CORP. (Continued) **S102633621**

Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	5
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	Not reported	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	Painted/Asphalt Coating		
Tank Internal:	Epoxy Liner		
Product:	Diesel	Capacity (gal):	420000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	Painted/Asphalt Coating		
Second Contain:	Concrete Dike		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	08/95	Date Closed:	UNKWN
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

Date Legal Agent Filed with Secretary of State:	06/86
Name of Emergency Contact:	PAUL PULLO
Emergency Contact Telephone:	(718) 383-1400
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007676
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	PAUL PULLO
Lat/Long:	40|44|10 / 73|56|30
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	10/29/1997
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/2004
Renew Date:	12/11/1998
Inspector Initials:	AS

METRO TERMINALS CORP. (Continued) **S102633621**

COI Date: / /

MOSF Number:	2-1380	Telephone:	(718) 389-7772
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	6
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	01/66	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Nos. 1, 2, or 4 Fuel Oil	Capacity (gal):	1680000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	75		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	07/95	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

Date Legal Agent Filed with Secretary of State:	06/86
Name of Emergency Contact:	PAUL PULLO
Emergency Contact Telephone:	(718) 383-1400
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007676
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline

Operator Name:	PAUL PULLO
Lat/Long:	40|44|10 / 73|56|30
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	10/29/1997
Owner Status:	1

METRO TERMINALS CORP. (Continued) **S102633621**

Owner Mark:	1		
LIC Expires:	03/31/2004		
Renew Date:	12/11/1998		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1380	Telephone:	(718) 389-7772
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	7
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	06/75	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	500000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	75		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	09/92	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

Date Legal Agent Filed with Secretary of State:	06/86
Name of Emergency Contact:	PAUL PULLO
Emergency Contact Telephone:	(718) 383-1400
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007676
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck Vessel/Barge (Including off-shore platform) Pipeline
Operator Name:	PAUL PULLO
Lat/Long:	40|44|10 / 73|56|30

METRO TERMINALS CORP. (Continued) **S102633621**

Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	10/29/1997		
Owner Status:	1		
Owner Mark:	1		
LIC Expires:	03/31/2004		
Renew Date:	12/11/1998		
Inspector Initials:	AS		
COI Date:	/ /		
MOSF Number:	2-1380	Telephone:	(718) 389-7772
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	ACTIVE FACILITY		
Tank Status:	In Service		
Owner:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Owner Tel:	(718) 389-7772		
Owner Type:	Corporate/Commercial		
Tank Status:	In Service	Tank ID:	8
Total Tanks:	32	Daily Throughput	200000 Gal(s)
Tank Location:	Aboveground		
Install Date:	06/75	Total Capacity:	4608401
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Unleaded Gasoline	Capacity (gal):	500000
Status of Data:	Complete		
Pipe Location:	Aboveground	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	75		
Leak Detection:	None		
Overfill Protection:	High Level Alarm		
Test Date:	09/92	Date Closed:	Not reported
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	GREENPOINT
Mailing Name:	METRO TERMINALS CORP. 498 KINGSLAND AVENUE BROOKLYN, NY 11222		
Mailing Contact:	PAUL PULLO		
Mailing Phone:	(718) 389-5800		
Pipe Flag:	True		
Reserve Flag:	True		
Legal Agent:	SANTO D. SGARLATTO 332A 9TH STREET BROOKLYN, NY 11211		

Date Legal Agent Filed with Secretary of State:	06/86
Name of Emergency Contact:	PAUL PULLO
Emergency Contact Telephone:	(718) 383-1400
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007676
License Status:	License Issued
Date License Application Received:	02/24/1999
Date License Issued:	04/01/1999
Product Transfer Operation:	Tank Truck

METRO TERMINALS CORP. (Continued) **S102633621**

Vessel/Barge (Including off-shore platform)
Pipeline

Operator Name:	PAUL PULLO
Lat/Long:	40|44|10 / 73|56|30
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	10/29/1997
Owner Status:	1
Owner Mark:	1
LIC Expires:	03/31/2004
Renew Date:	12/11/1998
Inspector Initials:	AS
COI Date:	/ /

Click this hyperlink while viewing on your computer to access
8 additional NY AST MOSF record(s) in the EDR Site Report.

Q76 **FORMER MOBIL GREENPOINT TERMINAL** **MOSF AST** **S103426142**
ESE **403 GREENPOINT AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
2338 ft.

Site 1 of 2 in cluster Q

Relative: Lower

Actual: 8 ft.

MOSF AST:

MOSF Number:	2-2720	Telephone:	(718) 389-2002
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	ROBERT GAFFOGLIO, NYCDEP 5 FL. LOW RISE, 96-05 HORACE HARDING HWY CORONA, NY 11368		
Owner Tel:	(718) 595-6002		
Owner Type:	Local Government		
Tank Status:	In Service	Tank ID:	69
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	03/91	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	1432200
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	High Level Alarm		
Test Date:	Not reported	Date Closed:	01/96
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 96-05 HORACE HARDING EXPRESSWAY 5 FLOOR, LOW RISE CORONA, NY 11368		
Mailing Contact:	SAAD MALLIK, BUREAU OF ENV. EN		
Mailing Phone:	(718) 595-6002		
Pipe Flag:	False		

FORMER MOBIL GREENPOINT TERMINAL (Continued) **S103426142**

Reserve Flag:	True
Legal Agent:	JANE HOUDEK NYC LAW DEPT., 100 CHURCH STREET NEW YORK, NY 10007
Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	JIMMY PYNN
Emergency Contact Telephone:	(718) 499-0422
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Pending
Date License Application Received:	09/29/1998
Date License Issued:	Not reported
Product Transfer Operation:	Other
Operator Name:	JIMMY PYNN
Lat/Long:	40|44|00 / Not reported
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	2
Owner Mark:	1
LIC Expires:	/ /
Renew Date:	Not reported
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2720	Telephone:	(718) 389-2002
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	ROBERT GAFFOGLIO, NYCDEP 5 FL. LOW RISE, 96-05 HORACE HARDING HWY CORONA, NY 11368		
Owner Tel:	(718) 595-6002		
Owner Type:	Local Government		
Tank Status:	In Service	Tank ID:	87
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/14	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	1776600
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	High Level Alarm		
Test Date:	Not reported	Date Closed:	01/96
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 96-05 HORACE HARDING EXPRESSWAY 5 FLOOR, LOW RISE CORONA, NY 11368		

FORMER MOBIL GREENPOINT TERMINAL (Continued) **S103426142**

Mailing Contact:	SAAD MALLIK, BUREAU OF ENV. EN
Mailing Phone:	(718) 595-6002
Pipe Flag:	False
Reserve Flag:	True
Legal Agent:	JANE HOUDEK NYC LAW DEPT., 100 CHURCH STREET NEW YORK, NY 10007
Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	JIMMY PYNN
Emergency Contact Telephone:	(718) 499-0422
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Pending
Date License Application Received:	09/29/1998
Date License Issued:	Not reported
Product Transfer Operation:	Other
Operator Name:	JIMMY PYNN
Lat/Long:	40|44|00 / Not reported
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	2
Owner Mark:	1
LIC Expires:	/ /
Renew Date:	Not reported
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2720	Telephone:	(718) 389-2002
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	ROBERT GAFFOGLIO, NYCDEP 5 FL. LOW RISE, 96-05 HORACE HARDING HWY CORONA, NY 11368		
Owner Tel:	(718) 595-6002		
Owner Type:	Local Government		
Tank Status:	In Service	Tank ID:	88
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/14	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	1776600
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	High Level Alarm		
Test Date:	Not reported	Date Closed:	01/96
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION		

FORMER MOBIL GREENPOINT TERMINAL (Continued) **S103426142**

96-05 HORACE HARDING EXPRESSWAY
5 FLOOR, LOW RISE
CORONA, NY 11368

Mailing Contact:	SAAD MALLIK, BUREAU OF ENV. EN
Mailing Phone:	(718) 595-6002
Pipe Flag:	False
Reserve Flag:	True
Legal Agent:	JANE HOUDEK NYC LAW DEPT., 100 CHURCH STREET NEW YORK, NY 10007
Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	JIMMY PYNN
Emergency Contact Telephone:	(718) 499-0422
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Pending
Date License Application Received:	09/29/1998
Date License Issued:	Not reported
Product Transfer Operation:	Other
Operator Name:	JIMMY PYNN
Lat/Long:	40|44|00 / Not reported
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	2
Owner Mark:	1
LIC Expires:	/ /
Renew Date:	Not reported
Inspector Initials:	Not reported
COI Date:	/ /

MOSF Number:	2-2720	Telephone:	(718) 389-2002
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	ROBERT GAFFOGLIO, NYCDEP 5 FL. LOW RISE, 96-05 HORACE HARDING HWY CORONA, NY 11368		
Owner Tel:	(718) 595-6002		
Owner Type:	Local Government		
Tank Status:	In Service	Tank ID:	89
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/38	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	1776600
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Earthen Dike		
Leak Detection:	Groundwater Well		
Overfill Protection:	High Level Alarm		
Test Date:	Not reported	Date Closed:	01/96

FORMER MOBIL GREENPOINT TERMINAL (Continued) **S103426142**

Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 96-05 HORACE HARDING EXPRESSWAY 5 FLOOR, LOW RISE CORONA, NY 11368		
Mailing Contact:	SAAD MALLIK, BUREAU OF ENV. EN		
Mailing Phone:	(718) 595-6002		
Pipe Flag:	False		
Reserve Flag:	True		
Legal Agent:	JANE HOUDEK NYC LAW DEPT., 100 CHURCH STREET NEW YORK, NY 10007		
Date Legal Agent Filed with Secretary of State:	Not reported		
Name of Emergency Contact:	JIMMY PYNN		
Emergency Contact Telephone:	(718) 499-0422		
Chemical Bulk Storage Number:	Not reported		
Pollution Discharge Elimination System Num:	Not reported		
License Status:	License Pending		
Date License Application Received:	09/29/1998		
Date License Issued:	Not reported		
Product Transfer Operation:	Other		
Operator Name:	JIMMY PYNN		
Lat/Long:	40|44|00 / Not reported		
Vessel ID:	Not reported		
Inspected State:	Not reported		
Inspected Date:	/ /		
Owner Status:	2		
Owner Mark:	1		
LIC Expires:	/ /		
Renew Date:	Not reported		
Inspector Initials:	Not reported		
COI Date:	/ /		
MOSF Number:	2-2720	Telephone:	(718) 389-2002
Federal ID:	Not reported		
Facility Type:	Storage Terminal		
Facility Status:	NO LONGER A MAJOR FACILITY		
Tank Status:	0		
Owner:	ROBERT GAFFOGLIO, NYCDEP 5 FL. LOW RISE, 96-05 HORACE HARDING HWY CORONA, NY 11368		
Owner Tel:	(718) 595-6002		
Owner Type:	Local Government		
Tank Status:	In Service	Tank ID:	90
Total Tanks:	0	Daily Throughput	0 Gal(s)
Tank Location:	Aboveground		
Install Date:	12/38	Total Capacity:	0
Tank Type:	Steel/carbon steel		
Tank External:	None		
Tank Internal:	None		
Product:	Empty	Capacity (gal):	1776600
Status of Data:	Complete		
Pipe Location:	Aboveground/Underground Combination	Pipe Type:	STEEL/IRON
Pipe Internal:	None	Dispenser:	Suction
Pipe External:	None		
Second Contain:	Earthen Dike		

FORMER MOBIL GREENPOINT TERMINAL (Continued) **S103426142**

Leak Detection:	Groundwater Well		
Overfill Protection:	High Level Alarm		
Test Date:	Not reported	Date Closed:	01/96
Dispensing Mthd:	Suction		
SWIS Code:	61	Facility Town:	NEW YORK CITY
Mailing Name:	NEW YORK CITY DEPT. OF ENVIRONMENTAL PROTECTION 96-05 HORACE HARDING EXPRESSWAY 5 FLOOR, LOW RISE CORONA, NY 11368		
Mailing Contact:	SAAD MALLIK, BUREAU OF ENV. EN		
Mailing Phone:	(718) 595-6002		
Pipe Flag:	False		
Reserve Flag:	True		
Legal Agent:	JANE HOUDEK NYC LAW DEPT., 100 CHURCH STREET NEW YORK, NY 10007		

Date Legal Agent Filed with Secretary of State:	Not reported
Name of Emergency Contact:	JIMMY PYNN
Emergency Contact Telephone:	(718) 499-0422
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
License Status:	License Pending
Date License Application Received:	09/29/1998
Date License Issued:	Not reported
Product Transfer Operation:	Other
Operator Name:	JIMMY PYNN
Lat/Long:	40|44|00 / Not reported
Vessel ID:	Not reported
Inspected State:	Not reported
Inspected Date:	/ /
Owner Status:	2
Owner Mark:	1
LIC Expires:	/ /
Renew Date:	Not reported
Inspector Initials:	Not reported
COI Date:	/ /

Click this hyperlink while viewing on your computer to access
5 additional NY AST MOSF record(s) in the EDR Site Report.

Q77 **SUMMIT CARTING CORP** **SWF/LF** **S106402575**
ESE **427 GREENPOINT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
2367 ft.

Site 2 of 2 in cluster Q

Relative:
Lower

Actual:
7 ft.

LF:

Secondary Addr :	Not reported	Region Code :	2
Phone Number :	0	Owner Name :	SUMMIT CARTING CORP
Owner Type :	Private		
Owner Address :	425 GREENPORT AVE. Not reported BROOKLYN, NY		
Owner Email :	Not reported	Owner Phone :	7183926858
Contact Name :	Not reported		
Contact Address :	Not reported Not reported Not reported		
Contact Email :	Not reported	Contact Phone :	Not reported

SUMMIT CARTING CORP (Continued) **S106402575**

Activity Desc : C&D processing - registered
Activity Number : 24W
Active : No
Accuracy Code : Not reported
North Coordinate :0
East Coordinate : 0
Regulatory Status Permit
Waste Type : Not reported
Authorization # : 0
Authorization Date :Not reported
Expiration Date : Not reported

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78 **LTANKS** **S105997319**
NNE **23-30 50TH AVE** **N/A**
1/4-1/2 **LONG ISLAND CITY, NY**
2418 ft.

Relative:
Higher

Actual:
13 ft.

LTANKS:
Spill Number: 0208486
Region of Spill: 2
Tank Number: 1
Tank Size : 2500
Test Method: HORNER EZ CHECK
Leak Rate: 0.00
Spill Date: 11/15/02
Reported to Dept: / /
ID: 15063
Date Call Received:11/15/02
Material Spilled 1 :#2 FUEL OIL
Amount Spilled 1 : Unknown Gal.
Region Close Dt : 11/17/03
Resource Affectd: ON LAND
Spill Cause: TANK TEST FAILURE
Water Affected: Not reported
Spill Source: OTHER COMM/INDUSTRIAL

R79 **10-55 51ST AVE/QUNS/TBTA** **LTANKS** **S100146362**
NNW **10-55 51ST AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
2423 ft.

Site 1 of 2 in cluster R

Relative:
Higher

Actual:
11 ft.

LTANKS:
Spill Number: 9007411
Region of Spill: 2
Spill Date: 10/05/1990 15:00
Reported to Dept: 10/05/90 15:19
ID: Not reported
Date Call Received:Not reported
Material Spilled 1 :Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported
Facility Tele: (212) 983-1111
Investigator: SIGONA
SWIS: 63
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: TRIBORO BRIDGE & TUNNEL
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False

10-55 51ST AVE/QUNS/TBTA (Continued) **S100146362**

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 11/15/94
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 10/10/90
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: 4K TANK FAILED HORNER EZY CHECK WITH A LEAK RATE OF -.130GPH.

R80 **1055 51 AVENUE** **LTANKS** **S100879180**
NNW **1055 51 AVENUE** **N/A**
1/4-1/2 **QUEENS, NY**
2428 ft.

Site 2 of 2 in cluster R

Relative:
Higher

Actual:
11 ft.

LTANKS:

Spill Number:	9312975	Region of Spill:	2
Spill Date:	02/02/1994 14:20	Reported to Dept:	02/02/94 23:56
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MILLER	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	Not reported		
Spiller Address:	Not reported		

1055 51 AVENUE (Continued) **S100879180**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: / /
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 02/04/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: NO FURTHER COMMNENTS.

Spill Number: 9313543 Region of Spill: 2
Spill Date: 02/15/1993 13:45 Reported to Dept: 02/17/94 20:49
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: Not reported
Investigator: SIGONA SWIS: 63
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported

1055 51 AVENUE (Continued) **S100879180**

Spiller: TBTA - MIDTOWN TUNNEL
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 01/04/01
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 02/22/94
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Pounds
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: NO OTHER AGENCIES - NO CALL -

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81 **FINK BAKING CORP** **UST 1000546033**
NW **5-35 54TH AVE** **AST N/A**
1/4-1/2 **LONG ISLAND CITY, NY 11101** **LTANKS**
2429 ft.

Relative: **Lower**

Actual: **7 ft.**

LTANKS:
Spill Number: 9704673 Region of Spill: 2
Spill Date: 07/18/1997 09:30 Reported to Dept: 07/18/97 10:02
ID: Not reported Date Call Received:Not reported
Material Spilled 1 :Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: GERMAN FUENTES Facility Tele: (718) 392-8300 Ext. 243
Investigator: MULQUEEN SWIS: 63

FINK BAKING CORP (Continued) **1000546033**

Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: GERMAN FUENTES
Spiller Phone: (718) 392-8300 Ext. 243
Spiller: FINK BAKING
Spiller Address: 5-35 54TH AVE
LONG ISLAND CITY
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/27/97
Spill Notifier: Tank Tester
PBS Number: Not reported
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 08/27/97
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 07/18/97
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: USTest 2000
Capacity of Failed Tank: 8000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
DEC Remarks: 8/27/97: REC D LETTER FROM ALVIN PETROLEUM STATING 2 LINES ON TOP OF TAN K DEFECTIVE. LINES NOT IN USE AND WERE REMOVED, TANK PASSED TEST FROM C ROMPCO. TT SENT TO PBS.
Spill Cause: gross failure

PBS UST:
PBS Number: 2-117277
CBS Number: Not reported
SPDES Number: Not reported
SWIS ID: 6301
Operator: FINK BAKING CORP
(718) 392-8300
Emergency Contact: JOHN DOZIS
(718) 392-8300

FINK BAKING CORP (Continued) **1000546033**

Total Tanks:	4		
Owner:	FINK BAKING CORP 5-35 54TH AVE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FINK BAKING CORPORATION ATTN: JOHN DOZIS 5-35 54TH AVENUE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	32000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/20/1999
Old PBS Number:	Not reported	Expiration Date:	06/05/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-117277	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	FINK BAKING CORP (718) 392-8300		
Emergency Contact:	JOHN DOZIS (718) 392-8300		
Total Tanks:	4		
Owner:	FINK BAKING CORP 5-35 54TH AVE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Owner Type:	Corporate/Commercial		

FINK BAKING CORP (Continued) **1000546033**

Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FINK BAKING CORPORATION ATTN: JOHN DOZIS 5-35 54TH AVENUE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	32000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/20/1999
Old PBS Number:	Not reported	Expiration Date:	06/05/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-117277	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	FINK BAKING CORP (718) 392-8300		
Emergency Contact:	JOHN DOZIS (718) 392-8300		
Total Tanks:	4		
Owner:	FINK BAKING CORP 5-35 54TH AVE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FINK BAKING CORPORATION ATTN: JOHN DOZIS 5-35 54TH AVENUE LONG ISLAND CITY, NY 11101		

FINK BAKING CORP (Continued) **1000546033**

	(718) 392-8300		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	32000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/20/1999
Old PBS Number:	Not reported	Expiration Date:	06/05/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		
PBS Number:	2-117277	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	FINK BAKING CORP		
	(718) 392-8300		
Emergency Contact:	JOHN DOZIS		
	(718) 392-8300		
Total Tanks:	4		
Owner:	FINK BAKING CORP		
	5-35 54TH AVE		
	LONG ISLAND CITY, NY 11101		
	(718) 392-8300		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FINK BAKING CORPORATION		
	ATTN: JOHN DOZIS		
	5-35 54TH AVENUE		
	LONG ISLAND CITY, NY 11101		
	(718) 392-8300		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE

FINK BAKING CORP (Continued) **1000546033**

Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	32000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/20/1999
Old PBS Number:	Not reported	Expiration Date:	06/05/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

PBS Number:	2-117277	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6301
Operator:	FINK BAKING CORP (718) 392-8300		
Emergency Contact:	JOHN DOZIS (718) 392-8300		
Total Tanks:	4		
Owner:	FINK BAKING CORP 5-35 54TH AVE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	FINK BAKING CORPORATION ATTN: JOHN DOZIS 5-35 54TH AVENUE LONG ISLAND CITY, NY 11101 (718) 392-8300		
Tank Status:	Closed - In Place		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	12/01/1961
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		

FINK BAKING CORP (Continued) **1000546033**

Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	32000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	01/20/1999
Old PBS Number:	Not reported	Expiration Date:	06/05/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
8 additional NY PBS record(s) in the EDR Site Report.

PBS AST:

PBS Number:	2-117277	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	Not reported		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	FINK BAKING CORP 5-35 54TH AVE LONG ISLAND CITY, NY 11101		
Owner Phone:	(718) 392-8300		
Facility Phone:	(718) 392-8300		
Operator:	FINK BAKING CORP		
Emergency Name:	JOHN DOZIS		
Emergency Phone:	(718) 392-8300		
Total Tanks:	4		
Total Capacity:	32000		
Tank ID:	014		
Capacity (Gal):	20000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	DIESEL		
Tank Type:	Steel/carbon steel		
Install Date:	06/01/1979		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		

FINK BAKING CORP (Continued) **1000546033**

Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	FINK BAKING CORPORATION		
Mailing Address:	5-35 54TH AVENUE LONG ISLAND CITY, NY 11101		
Mailing Contact:	JOHN DOZIS		
Mailing Telephone:	(718) 392-8300		
Owner Mark:	First Owner	Expiration Date:	06/05/2002
Certification Flag:	False	Certification Date:	01/20/1999
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	Minor data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	63		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

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82 **DEPT CONSUMER AFFAIRS** **LTANKS** **S105999798**
SSE **245 MESEROLE AV** **N/A**
1/4-1/2 **GREEN POINT (BROOKLYN), NY**
2509 ft.

Relative:
Higher

Actual:
11 ft.

LTANKS:

Spill Number:	0305945	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	09/03/03	Reported to Dept:	/ /
ID:	28995	Date Call Received:	09/04/03
Material Spilled 1 :	#4 FUEL OIL	Amount Spilled 1 :	100 Gal.
Region Close Dt :	09/05/03		
Resource Affectd:	ON LAND		
Spill Cause:	TANK OVERFILL		
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL

Spill Number:	0305945	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	09/03/03	Reported to Dept:	/ /
ID:	28996	Date Call Received:	09/04/03
Material Spilled 1 :	#4 FUEL OIL	Amount Spilled 1 :	100 Gal.
Region Close Dt :	09/05/03		
Resource Affectd:	ON LAND		
Spill Cause:	TANK OVERFILL		
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL

83 **PARKING GARAGE** **LTANKS** **S102447951**
North **11-15 50TH AVE** **N/A**
1/4-1/2 **LONG ISLAND CITY, NY**
2540 ft.

Relative: **Higher**

Actual: **16 ft.**

LTANKS:

Spill Number:	9610315	Region of Spill:	2
Spill Date:	11/18/1996 10:00	Reported to Dept:	11/18/96 12:20
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Vessel
Facility Contact:	SAME	Facility Tele:	Not reported
Investigator:	SACCACIO	SWIS:	63
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	BOB SUDYY	Spiller Phone:	(718) 729-6055
Spiller:	MUTUAL PARKING		
Spiller Address:	11-15 50TH AVE LONG ISLAND CITY, NY 11101		
Spill Class:	Not reported		
Spill Closed Dt:	/ /		
Spill Notifier:	Tank Tester	PBS Number:	2-600455
Cleanup Ceased:	/ /		
Last Inspection:	/ /		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	/ /
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Spill Record Last Update:	10/16/00
Is Updated:	False
Corrective Action Plan Submitted:	/ /
True Date :	Not reported
Date Spill Entered In Computer Data File:	11/18/96
Date Region Sent Summary to Central Office:	/ /

Tank Test:

PBS Number:	Not reported
Tank Number:	0
Test Method:	Horner EZ Check
Capacity of Failed Tank:	550
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Talk Test Failures only pass or fail

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	GASOLINE
Class Type:	Petroleum
Chem Abstract Service Number:	GASOLINE

PARKING GARAGE (Continued) **S102447951**

Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: CALLER STATES TANKS WERE TESTED TODAY AND WILL BE EXCAVATED TOMORROW NO ADDITIONAL INFORMATION AT THIS TIME.

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84 **120 JEWEL ST/BKLYN** **LTANKS** **S100144968**
SSE **120 JEWEL ST** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
2569 ft.

Relative: Higher

Actual: 12 ft.

LTANKS:
Spill Number: 8708714 | Region of Spill: 2
Spill Date: 01/12/1988 15:00 | Reported to Dept: 01/13/88 10:05
ID: Not reported | Date Call Received: Not reported
Material Spilled 1 : Not reported | Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported | Spill Source: Other Commercial/Industrial
Facility Contact: Not reported | Facility Tele: (718) 389-6770
Investigator: BATTISTA | SWIS: 61
Caller Name: Not reported | Caller Agency: Not reported
Caller Phone: Not reported | Caller Extension: Not reported
Notifier Name: Not reported | Notifier Agency: Not reported
Notifier Phone: Not reported | Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported | Spiller Phone: Not reported
Spiller: CERTIFIED INTERN'NAL CORP
Spiller Address: 120 JEWEL ST
BROOKLYN, NY
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/30/92
Spill Notifier: Tank Tester | PBS Number: 2-269891
Cleanup Ceased: 09/30/92
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 05/12/94
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 01/26/88
Date Region Sent Summary to Central Office: / /
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1

120 JEWEL ST/BKLYN (Continued) **S100144968**

Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: / / : CONTACT: JACK FIELDMAN 718)-389-4100.
Spill Cause: 2K TANK SYSTEM FAILED HORNER EZY CHECK WITH AN UNKNOWN LEAK RATE, WILL E XCAVATE, ISOLATE AND RETEST.

---

85 **F.E.S. RECYCLING; INC. (SUMMIT CARTING)** **SWF/LF** **S105841906**
ESE **425 GREENPOINT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
2621 ft.

Relative: **Lower**

Actual: **3 ft.**

LF:
Secondary Addr : Not reported
Phone Number : 7183926858
Owner Type : Not reported
Owner Address : Not reported
Not reported
Not reported
Owner Email : Not reported
Contact Name : PENTELIS FAKIRIS; PRESIDENT
Contact Address : Not reported
Not reported
Not reported
Contact Email : Not reported
Activity Desc : C&D processing - registered
Activity Number : 24W77
Active : No
North Coordinate : Not reported
Regulatory Status Permit
Waste Type : Not reported
Authorization # : 2-6101-00011
Expiration Date : 11/6/2001

Region Code : 2
Owner Name : Not reported
Owner Phone : Not reported
Contact Phone : Not reported
Accuracy Code : Not reported
East Coordinate : Not reported
Authorization Date : 11/6/1996

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86 **KOSAN INDUSTRIAL CORP** **RCRIS-SQG** **1000150474**
NNW **5-49 49TH AVE** **FINDS** **NYD061949228**
1/2-1 **LONG ISLAND CITY, NY 11101** **CORRACTS**
3459 ft.

Relative: **Lower**

Actual: **9 ft.**

CORRACTS Data:

EPA Id: NYD061949228
Region: 2
Area Name: SITEWIDE
Actual Date: 04/25/1995
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: Not Reported

EPA Id: NYD061949228
Region: 2
Area Name: SITEWIDE
Actual Date: 04/25/1995

KOSAN INDUSTRIAL CORP (Continued) **1000150474**

Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title: Not Reported

EPA Id: NYD061949228
Region: 2
Area Name: SITEWIDE
Actual Date: 09/08/1993
Corrective Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
2002 NAICS Title: Not Reported

EPA Id: NYD061949228
Region: 2
Area Name: SITEWIDE
Actual Date: 01/13/2004
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Not Reported

EPA Id: NYD061949228
Region: 2
Area Name: SITEWIDE
Actual Date: 04/25/1995
Corrective Action: CA210T - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action referred to another non-RCRA Federal Authority
2002 NAICS Title: Not Reported

Click this hyperlink while viewing on your computer to access
1 additional CORRACTS record(s) in the EDR Site Report.

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 01/13/2004

Event: RFA Completed
Event Date: 04/25/1995

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 04/25/1995

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action referred to another non-RCRA Federal Authority.
Event Date: 04/25/1995

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
Event Date: 02/28/1995

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

KOSAN INDUSTRIAL CORP (Continued) **1000150474**

RCRIS:
Owner: STEPHEN GALGANO
(212) 277-3333
EPA ID: NYD061949228
Contact: THOMAS GILCHRIST
(718) 784-8385
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

S87 **QUANTA RESOURCES** **SHWS** **S104541586**
East **37-80 REVIEW AVENUE** **N/A**
1/2-1 **MASPETH, NY 11378**
3814 ft.

Site 1 of 2 in cluster S

Relative: Higher

Actual: 27 ft.

SHWS:

EPA ID:	Not reported
Region:	2
Acres:	2 Acres
Legal Action Type:	Dump, Structure
Facility ID Number	241005
Soil Type:	Fill over sand.
Lat/Long :	40 43' 52" / 73 56' 7"
Current Owner Name :	Quanta Resources
Current Owner Address :	299 South State Street Dover, DE 19901
Owner During Disposal :	Quanta Resources
Operator During Disposal :	Quanta Resources
Stated Operator Address :	299 South State Street
State Operator City :	Dover
State Operator State :	DE
Haz Waste Disposal Period :	From: 1960 To: 1981
Cofirmed Haz Waste Qty :	PCBs: unknown
Analytical Data Available :	Groundwater, Soil
Applicable Standards Exceeded :	Groundwater
Depth Groundwater :	Range: 1 to 5 feet.
Legal Action Type :	State, Consent Order -RI/FS
Facility Status :	Order Signed
Remedial Action :	Not reported
Nature Of Action :	Not reported
Site Description:	Quanta Resources operated a waste oil storage and processing facility at 37-80 Review Ave. from 1960 to 1981. The site is located in an industrial/commercial area of Long Island City. The Newtown Creek is about 500 ft. south of the site. After filingfor bankruptcy in 1981, the owners abandoned the site. A New York City emergency remedial action removed approximately 640,000 gallons of waste oil from the property. Some of the waste oil contained tetrachloroethene, methyl chloride,

QUANTA RESOURCES (Continued) **S104541586**

1,1,1-trichloroethane and trichloroethene. Sludge, waste oil, and diesel fuel, all contaminated with PCBs from badly deteriorated leaking tanks and drums, were also removed. As part of NYSDEC's Phase II Investigation, three on-site groundwater monitoring wells were installed. During installation it was discovered that there was a four foot layer of oil lying above the groundwater table, which would imply that there are about 500,000 gallons of oil underground. Analyses of groundwater, surface water and soil have revealed the presence of chlorinated solvents, PCBs, heavy metals and PAHs. A consent order was signed with numerous PRPs in May 2002 for the undertaking of investigation and remediation activities. Phase 1 of the RI work plan is currently underreview.

Environmental Problems Assesment: Soil and groundwater contamination has been confirmed. There is a potential for surface water contamination.

Health Problems Assesment: Waste oil previously stored on-site has caused widespread contamination of groundwater and soils. Approximately 500,000 gallons of contaminated waste oil remains at the site, floating on the water table. The aquifer of concern is not used as a sourcefor drinking water. Groundwater wells in this area of Queens are used only for commercial and industrial purposes. Although a fence surrounds the site, an open gate and missing fence sections allow unlimited access. Illegal dumping on-site has beenobserved. Trespassers could be exposed to contaminated soils via direct contact or inhalation of contaminated dust. The potential exists for the floating oil plume to migrate into the nearby Newtown Creek which empties into the East River. Further investigation is required.

S88
East
1/2-1
3814 ft.

QUANTA RESOURCES CORP
37-80 REVIEW AVE
LONG ISLAND CITY, NY 11101

RCRIS-SQG **1000321850**
FINDS **NYD980592562**
CORRACTS

Site 2 of 2 in cluster S

Relative:
Higher

Actual:
27 ft.

CORRACTS Data:

EPA Id:	NYD980592562
Region:	2
Area Name:	SITEWIDE
Actual Date:	09/20/1994
Corrective Action:	CA050 - RFA Completed
2002 NAICS Title:	Petroleum Refineries

EPA Id:	NYD980592562
Region:	2
Area Name:	SITEWIDE
Actual Date:	09/20/1994
Corrective Action:	CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
2002 NAICS Title:	Petroleum Refineries

EPA Id:	NYD980592562
Region:	2
Area Name:	SITEWIDE
Actual Date:	09/08/1993
Corrective Action:	CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
2002 NAICS Title:	Petroleum Refineries

EPA Id:	NYD980592562
Region:	2
Area Name:	SITEWIDE
Actual Date:	02/07/1995

QUANTA RESOURCES CORP (Continued) **1000321850**

Corrective Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
2002 NAICS Title: Petroleum Refineries

EPA Id: NYD980592562
Region: 2
Area Name: SITEWIDE
Actual Date: 02/07/1995
Corrective Action: CA225NF - Stabilization Measures Evaluation, This facility, is not amenable to stabilization activity at the, present time, because it appears to be technically infeasible or, inappropriate
2002 NAICS Title: Petroleum Refineries

RCRIS Corrective Action Summary:
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event Date: 02/07/1995

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.
Event Date: 02/07/1995

Event: RFA Completed
Event Date: 09/20/1994

Event: RFA Determination Of Need For An RFI, RFI is Necessary;
Event Date: 09/20/1994

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

RCRIS:
Owner: QUANTA RESOURCES CORP
(201) 941-2020
EPA ID: NYD980592562

Contact: PRASHKER EUGENE
(201) 941-2020

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

89
East
1/2-1
4020 ft.

ACTIVE STEEL DRUM CO INC **RCRIS-SQG 1000265123**
52-30 34TH ST **FINDS NYD003933355**
LONG ISLAND CITY, NY 11101 **CORRACTS**

Relative: Higher

Actual: 20 ft.

CORRACTS Data:

EPA Id: NYD003933355
Region: 2
Area Name: SITEWIDE
Actual Date: 09/28/1995
Corrective Action: CA050 - RFA Completed

ACTIVE STEEL DRUM CO INC (Continued) **1000265123**

2002 NAICS Title: Not Reported

EPA Id: NYD003933355
Region: 2
Area Name: SITEWIDE
Actual Date: 09/28/1995
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title: Not Reported

EPA Id: NYD003933355
Region: 2
Area Name: SITEWIDE
Actual Date: 09/08/1993
Corrective Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
2002 NAICS Title: Not Reported

EPA Id: NYD003933355
Region: 2
Area Name: SITEWIDE
Actual Date: 01/13/2004
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Not Reported

EPA Id: NYD003933355
Region: 2
Area Name: SITEWIDE
Actual Date: 09/19/1995
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
2002 NAICS Title: Not Reported

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 01/13/2004

Event: RFA Completed
Event Date: 09/28/1995

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 09/28/1995

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 09/19/1995

ACTIVE STEEL DRUM CO INC (Continued) **1000265123**

Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
Event Date: 09/08/1993

RCRIS:
Owner: BARRY K. FINE
(516) 665-4375
EPA ID: NYD003933355

Contact: BARRY K FINE
(718) 786-9300

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/13/1984
Actual Date Achieved Compliance: 05/13/1987

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/22/1987
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870513

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

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90 NNW 1/2-1 4306 ft. **ACCURATE ASSOCIATES** **RCRIS-SQG 1000426821**
5-36 46TH RD **FINDS NYD001264191**
LONG ISLAND CITY, NY 11101 **RAATS**
CORRACTS

Relative: Lower

Actual: 9 ft.

CORRACTS Data:

EPA Id: NYD001264191
Region: 2
Area Name: SITEWIDE
Actual Date: 03/15/1991
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: Not Reported

EPA Id: NYD001264191
Region: 2
Area Name: SITEWIDE
Actual Date: 05/24/1991
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
2002 NAICS Title: Not Reported

EPA Id: NYD001264191

ACCURATE ASSOCIATES (Continued) **1000426821**

Region: 2
Area Name: SITEWIDE
Actual Date: 11/17/1992
Corrective Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
2002 NAICS Title: Not Reported

RCRIS Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 11/17/1992

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
Event Date: 05/24/1991

Event: RFA Completed
Event Date: 03/15/1991

RCRIS:
Owner: ACCURATE ASSOC
(718) 729-2957
EPA ID: NYD001264191

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/23/1991
Actual Date Achieved Compliance: 05/24/1991

Enforcement Action: FINAL IMMINENT HAZARD ORDER
Enforcement Action Date: 05/24/1991
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19910524

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Integrated Compliance Information
Resource Conservation and Recovery Act Information system

91 East 1/2-1 4367 ft.
ROEHR CHEMICALS INC
52-20 37TH ST
LONG ISLAND CITY, NY 11101

RCRIS-SQG
SHWS
FINDS
CBS UST
CBS AST
CERC-NFRAP
LTANKS

1000243997
NYD000764936

Relative: Higher

Actual: 45 ft.

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: Removal Only Site (No Site Assessment Work Needed)
Ownership Status: Unknown
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: REMOVAL ASSESSMENT
Completed: 05/03/1991
Assessment: ARCHIVE SITE
Completed: 01/31/1997

RCRIS:
Owner: ACETO CHEMICAL CORP
(212) 555-1212
EPA ID: NYD000764936

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 04/25/1991
Actual Date Achieved Compliance: 08/25/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/25/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 02/03/1986
Actual Date Achieved Compliance: 04/30/1986

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/02/1986
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920825
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860430

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

ROEHR CHEMICALS INC (Continued) **1000243997**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system
Toxics Release Inventory

SHWS:

EPA ID:	Not reported
Region:	2
Acres:	0.5 Acres
Legal Action Type:	Structure
Facility ID Number	241014
Soil Type:	Medium to course sand with fine gravel.
Lat/Long :	40 44' 5" / 73 56' 8"
Current Owner Name :	Aceto Corporation
Current Owner Address :	One Hollow Lane Lake Success, NY 11042
Owner During Disposal :	Aceto Corporation
Operator During Disposal :	Roehr Chemicals, Inc.
Stated Operator Address :	50-20 37th Street
State Operator City :	Long Island City
State Operator State :	NY
Haz Waste Disposal Period :	From: 1991 To: unknown
Cofirmed Haz Waste Qty :	xylene (F003 Waste): unknown
Analytical Data Available :	Groundwater, Suface Water, Soil
Applicable Standards Exceeded :	Groundwater
Depth Groundwater :	Range: 25 to 30 feet.
Legal Action Type :	Not reported
Facility Status :	Not reported
Remedial Action :	In Progress
Nature Of Action :	IRM-Soil vapor extraction system & air sparging.
Site Description:	Roehr Chemicals owned and operated four buildings on five lots - lots 1,8,23, and 28. Lot 28 contained the main building and is the focus of the current investigation. Other lots (1, 8, 23, & 24) were investigated and closed in August 1992 under RCRAclosure. Roehr Chemical was a manufacturer of bulk pharmaceuticals and pharmaceutical intermediates such as diet pills, allergy pills and chemicals used in muscle relaxants. Several VOCs such as xylene, benzene and diethyl-ketone were used in the production of these items. During site operations involving the removal of spent xylene, a containment system failed, leaking xylene to the surrounding soil. This release contaminated at least 2,000 cubic yards of on-site soil with xylene. A Preliminary Site Assessment (PSA) completed in the fall of 1994 revealed groundwater contamination with xylene and acetone at very high levels. Interim Remedial Measures (IRMs) consisting of soil vapor extraction and air sparging have been installed. A Remedial Investigation/Feasibility Study (RI/FS) was conducted. The RI shows a long narrow xylene plume leaving the site and entering the Calvary Cemetery. The plume shows up to 105 ppm of xylene in the groundwater at 60 feet below the ground, and 2.5 ppm at the 100 foot depth. The IRMS were expanded in 1999 by the installation of an air sparging system to address the groundwater contamination outside the property line. Additionally, an off-site investigation was conducted in October 2000 to determinethe impact of on-site contamination on the groundwater quality downgradient of the Calvary Cemetery. A series of geoprobe borings and four monitoring wells were installed along Review Avenue. Total xylenes in many of these wells were found to be at amaximum concentration of 19 ppb. The existing IRMs have been expanded to address the groundwater contamination present between

ROEHR CHEMICALS INC (Continued) **1000243997**

the site and the cemetery. The NYSDEC issued a ROD that calls for No Further Action except for continued operation, maintenance and monitoring (OM&M) of all wells where the contamination exceeds the groundwater standards. An OM&M plan has been negotiated and is being implemented.

Environmental Problems Assesment: Past site operations have contaminated on-site soils with xylene. This contamination has leached to the groundwater, impacting an EPA designated sole-source aquifer. The extent of the groundwater contamination is unknown.

Health Problems Assesment: On-site groundwater, surface water and soil contamination has been documented. Drinking water supplies are not impacted by contamination from this site. Drinking water contamination is unlikely as groundwater is not used as a potable supply within afive mile radius. Site access is controlled, limiting the potential for direct contact to contaminated surface soils to on-site workers. Indoor air sampling in homes immediately west of site did not indicate contamination warranting public health concerns. Soil and groundwater contamination continue to diminish as the remedial measure progresses.

CBS UST:

CBS Number:	2-000014	ICS No:	2-125730
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	HARRY OLENBERG	Facility Tel:	(212) 671-4218
Emergency Contact:	HARRY OLENBERG, (212) 671-4218		
Certification Date:	02/22/1991	Expiration Date:	02/17/1993
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Owner Address:	52-20 37TH ST. L.I.C., NY 11101		
Owner Phone	(718) 784-8473		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Address	52-20 37TH ST. L.I.C., NY 11101 ATTN: HARRY OLENBERG (718) 784-8473		
SPDES No:	Not reported	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	05/75		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Groundwater Well		
Overfill Protection:	4		
Chemical:	Methanol		
Tank Closed:	12/91		
Tank Secret:	False	Date Entered:	02/17/1989 07:56:27
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6301		

ROEHR CHEMICALS INC (Continued) **1000243997**

Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	Not reported
Renew Date:	12/18/90	Date Expired:	02/17/93
Total Capacity:	0		
Tank Number:	31867		
CBS Number:	2-000014	ICS No:	2-125730
PBS No:	Not reported	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	HARRY OLENBERG	Facility Tel:	(212) 671-4218
Emergency Contact:	HARRY OLENBERG, (212) 671-4218		
Certification Date:	02/22/1991	Expiration Date:	02/17/1993
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Owner Address:	52-20 37TH ST. L.I.C., NY 11101		
Owner Phone	(718) 784-8473		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Address	52-20 37TH ST. L.I.C., NY 11101 ATTN: HARRY OLENBERG (718) 784-8473		
SPDES No:	Not reported	Facility Status:	NO LONGER A MAJOR FACILITY
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	03/83		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	None		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	Painted/Asphalt Coating		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Groundwater Well		
Overfill Protection:	4		
Chemical:	Xylene (mixed)		
Tank Closed:	12/91		
Tank Secret:	False	Date Entered:	02/17/1989 07:57:06
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6301		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	Not reported
Renew Date:	12/18/90	Date Expired:	02/17/93
Total Capacity:	0		
Tank Number:	22683		

ROEHR CHEMICALS INC (Continued) **1000243997**

CBS AST:

CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.) 52-20 37TH ST. L.I.C., NY 11101 (718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Stainless steel alloy		
Substance:	Single Hazardous Substance on DEC List		
Extml Protection:	None		
Intml Protection:	None		
Tank Containment:	None		
Pipe Type:	STAINLESS STEEL ALLOY	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	41
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium nitrite		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	7632000
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG 52-20 37TH ST. L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:51:37
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	No
Unique Tank Id Number:	000S1
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990

CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.) 52-20 37TH ST.		

ROEHR CHEMICALS INC (Continued) **1000243997**

L.I.C., NY 11101
(718) 784-8473

Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Stainless steel alloy		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STAINLESS STEEL ALLOY	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Propionic acid		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	79094
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG 52-20 37TH ST. L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:52:08
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False	
Fiscal Amt for Registration Fee Correct:	True	
Renewal Has Been Printed for Facility:	True	
Total Capacity of All Active Tanks(gal):	No	
Unique Tank Id Number:	000S2	
Date Pre-Printed Renewal App Form Was Last Printed:		12/18/1990

CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.) 52-20 37TH ST. L.I.C., NY 11101 (718) 784-8473		
Facility Status:	Active		
Total Tanks	0		

ROEHR CHEMICALS INC (Continued) **1000243997**

Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		
Capacity (Gal):	2000		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	25
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1310732
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG 52-20 37TH ST. L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:53:17
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Total Capacity of All Active Tanks(gal):	No
Unique Tank Id Number:	000S4
Date Pre-Printed Renewal App Form Was Last Printed:	12/18/1990

CBS Number:	2-000014	Telephone:	(212) 671-4218
Owner:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.) 52-20 37TH ST. L.I.C., NY 11101 (718) 784-8473		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	Not reported		

ROEHR CHEMICALS INC (Continued) **1000243997**

Capacity (Gal):	2000		
Tank Type:	Steel/carbon steel		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	Painted/Asphalt Coating		
Intrnl Protection:	None		
Tank Containment:	None		
Pipe Type:	STEEL/IRON	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	25
Leak Detection:	Groundwater Well/In-tank System		
Overfill Protection:	Not reported		
Chemical:	Sodium hydroxide		
Tank Closed:	12/91		
PBS Number:	Not reported	SWIS Code:	6301
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	1310732
SPDES Number:	Not reported	ICS Number:	2-125730
Facility Type:	Manufacturing		
Operator:	HARRY OLENBERG	Facility Town:	NEW YORK CITY
Emrgncy Contact:	HARRY OLENBERG	Emrgncy Phone:	(212) 671-4218
Certified Date:	02/22/1991	Expiration Date:	02/17/1993
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	ROEHR CHEMICALS INC. (DIV. OF ACETO CORP.)		
Mail Contact:	HARRY OLENBERG 52-20 37TH ST. L.I.C., NY 11101		
Mail Phone:	(718) 784-8473		
Tank Secret:	False	Date Entered:	02/17/1989 07:53:34
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1
Renew Date:	12/18/90	Date Expired:	02/17/93
Is it There:	False	Is Updated:	False
Owner Status:	F		

Certificate Needs to be Printed:	False	
Fiscal Amt for Registration Fee Correct:	True	
Renewal Has Been Printed for Facility:	True	
Total Capacity of All Active Tanks(gal):	No	
Unique Tank Id Number:	000S5	
Date Pre-Printed Renewal App Form Was Last Printed:		12/18/1990

This is the most recent NY CBS AST data for this site.

Click this hyperlink while viewing on your computer to access
2 additional NY CBS AST record(s) in the EDR Site Report.

LTANKS:

Spill Number:	8709604	Region of Spill:	2
Spill Date:	02/11/1988 16:30	Reported to Dept:	02/12/88 11:08
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	Groundwater		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	(718) 784-8473
Investigator:	BATTISTA	SWIS:	63

ROEHR CHEMICALS INC (Continued) **1000243997**

Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: HARRY OLENBERG
Spiller Address: SAME AS ABOVE
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Spill Notifier: Tank Tester
PBS Number: 2-005398
Cleanup Ceased: / /
Last Inspection: / /
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: / /
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Spill Record Last Update: 07/03/95
Is Updated: False
Corrective Action Plan Submitted: / /
True Date : Not reported
Date Spill Entered In Computer Data File: 02/12/88
Date Region Sent Summary to Central Office: / /
Tank Test:
  PBS Number: Not reported
  Tank Number: Not reported
  Test Method: Not reported
  Capacity of Failed Tank: 0
  Leak Rate Failed Tank: 0.00
  Gross Leak Rate: Not reported
Material:
  Material Class Type: 1
  Quantity Spilled: -1
  Units: Gallons
  Unknown Qty Spilled: -1
  Quantity Recovered: -1
  Unknown Qty Recovered: False
  Material: #4 FUEL OIL
  Class Type: Petroleum
  Chem Abstract Service Number: #4 FUEL OIL
  Last Date: 12/05/1994
  Num Times Material Entry In File: 1751
DEC Remarks: Not reported
Spill Cause: 3K TANK/ LEAK RATE IS UNDETERMINED. LEAK PROBABLY AT TANK TOP; STICKING TANKS TODAY. EXCAVATE--ISOLATE--RETEST

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
92 SSW 1/2-1 5263 ft.	**WILLIAMSBURGH GAS LIGHT CO. 41 N. 11TH ST. BROOKLYN, NY 11211**	**Coal Gas**	**G000000438 N/A**

Relative: Higher

Actual: 14 ft.

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Kent Ave., between 11th St. and 13th St. Site is bordered on the west by the East River. (D11) Site is a CERCLIS Site I.D. #NYD980532030

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ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S106000101		931 GREEN AVE		LTANKS
BROOKLYN	S102148782	GREEN AVE & GRAND ST	GREEN AVE / GRAND ST		NY Spills
BROOKLYN	S103573160	MANHOLE #729	GREEN LN/WATER ST		NY Spills
BROOKLYN	S103827741	MANHOLE #2014	GREEN AVE / WAVERLY AVE		NY Spills
BROOKLYN	S103829402	MANHOLE 2014	GREEN AVE / WAVERLY AVE		NY Spills
BROOKLYN	S104788707	MANHOLE #1880	GREEN AVE/CARLTON AVE		NY Spills
BROOKLYN	S106469880		1339 GREEN AVE		NY Spills
BROOKLYN	S106469881		1339 GREEN AVE		NY Spills
BROOKLYN	S104285237	MANHOLE #62845	MCGUINESS BLVE/INDIA ST		NY Spills
BROOKLYN	S106385221	VACANT AREA	305-319 MCGUINNESS BLVD	11222	NY Spills
BROOKLYN	S106011398	MANHOLE #64807	MCGUINNESS BLVD-MESEORLE		NY Spills
BROOKLYN	S103483480	MCGUINNESS BVD/LEONARD ST	MCGUINNESS BVD/LEONARD ST		NY Spills
BROOKLYN	S103573460	VERRAZANO BRIDGE	RT.278		NY Spills
BROOKLYN	S103828307	SERVICE BOX 49009 ?	SERVICE BOX 49009		NY Spills
BROOKLYN	S105841763	WASTE MANAGEMENT OF NY;LLC (75 THO	75 THOMAS ST.;(485 SCOTT AVE.)	11222	SWF/LF
BROOKLYN	S103936014	MANHOLE #2014	WAVELY AV / GREEN AV		NY Spills
BROOKLYN	S103573922	MANHOLE 2014	WAVERLY PLACE AT GREEN AV		NY Spills
BROOKLYN	S103573163	MANHOLE #724	YORK ST/GREEN LN		NY Spills
BROOKLYN	S104194939	TM 2470	YORK STATE / HUDSON AVE		NY Spills
LONG ISLAND CITY	1007205586	BUCKEYE PIPE LINE CO LP KINGSLAND	KINGSLAND AVE & N HENRY ST	11101	RCRIS-SQG
LONG ISLAND CITY	S105841773	EVANS CONTAINER CORP.	35 STREET;NEWTON CREEK	11101	SWF/LF
LONG ISLAND CITY	1003863822	MATHESON LEAD CO	559 VERNON AVE	11101	CERC-NFRAP
NEW YORK	1007207453	T11	ASH AND MCGUINESS	11222	RCRIS-SQG
NEW YORK CITY	1007207179	MH64829	FRANKLIN STREET 60' N/O DUPONT	11222	RCRIS-SQG
STATEN ISLAND	S105265303	B. MANZO & SONS	1012 PROSPECT AVE	11101	SWF/LF

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D004	ARSENIC
D005	BARIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D028	1,2-DICHLOROETHANE
D039	TETRACHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE,

EPA Waste Codes Addendum

Code	Description
	TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
LABP	LAB PACK
P098	POTASSIUM CYANIDE
P098	POTASSIUM CYANIDE K(CN)
P105	SODIUM AZIDE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/30/04
Date Made Active at EDR: 09/09/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/02/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 07/22/04
Date Made Active at EDR: 09/09/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/02/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/10/04
Date Made Active at EDR: 10/27/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/21/04
Elapsed ASTM days: 36
Date of Last EDR Contact: 09/21/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/10/04
Date Made Active at EDR: 10/27/04
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/21/04
Elapsed ASTM days: 36
Date of Last EDR Contact: 09/21/04

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/04
Date Made Active at EDR: 08/10/04
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 06/25/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 09/07/04

RCRIS: Resource Conservation and Recovery Information System
Source: EPA
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 08/10/04
Date Made Active at EDR: 10/11/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 08/24/04
Elapsed ASTM days: 48
Date of Last EDR Contact: 08/24/04

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 10/25/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially
Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/13/04

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/05/04
Database Release Frequency: Varies
Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/07/04
Database Release Frequency: Annually
Date of Last EDR Contact: 10/06/04
Date of Next Scheduled EDR Contact: 01/03/05

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/30/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 11/02/04
Date of Next Scheduled EDR Contact: 01/31/05

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/09/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/08/04
Date of Next Scheduled EDR Contact: 01/03/05

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/17/04
Database Release Frequency: Annually
Date of Last EDR Contact: 04/20/04
Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/15/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 06/04/04
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 09/28/04
Date of Next Scheduled EDR Contact: 12/27/04

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/29/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/10/04
Date of Next Scheduled EDR Contact: 11/08/04

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/12/04
Date of Next Scheduled EDR Contact: 11/08/04

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 04/22/04
Database Release Frequency: Varies

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/20/04

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/03
Database Release Frequency: Varies

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/12/04
Date of Next Scheduled EDR Contact: 11/08/04

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/20/04
Date of Next Scheduled EDR Contact: 12/20/04

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/06/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/20/04

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/18/04
Date of Next Scheduled EDR Contact: 01/17/05

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04
Date of Next Scheduled EDR Contact: 12/20/04

STATE OF NEW YORK ASTM STANDARD RECORDS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9553
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 02/27/04
Elapsed ASTM days: 14
Date of Last EDR Contact: 08/23/04

SWF/LF: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/01/04
Date Made Active at EDR: 09/24/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/06/04
Elapsed ASTM days: 49
Date of Last EDR Contact: 11/01/04

LTANKS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 07/26/04
Date Made Active at EDR: 08/26/04
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/04/04
Elapsed ASTM days: 22
Date of Last EDR Contact: 10/25/04

UST: Petroleum Bulk Storage (PBS) Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/25/04

CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/25/04

MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 10/25/04

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 06/29/04
Date Made Active at EDR: 08/16/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/29/04
Elapsed ASTM days: 48
Date of Last EDR Contact: 09/27/04

SWRCY: Registered Recycling Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8705
A listing of recycling facilities.

Date of Government Version: 09/10/04
Date Made Active at EDR: 10/07/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/10/04
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/30/04

SWTIRE: Registered Waste Tire Storage & Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8694

Date of Government Version: 04/01/04
Date Made Active at EDR: 06/25/04
Database Release Frequency: Annually

Date of Data Arrival at EDR: 05/19/04
Elapsed ASTM days: 37
Date of Last EDR Contact: 08/19/04

STATE OF NEW YORK ASTM SUPPLEMENTAL RECORDS

HSWDS: Hazardous Substance Waste Disposal Site Inventory
Source: Department of Environmental Conservation
Telephone: 518-402-9564
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 09/01/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/03/04
Date of Next Scheduled EDR Contact: 11/29/04

AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

CBS AST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 07/26/04
Database Release Frequency: Varies

Date of Last EDR Contact: 10/25/04
Date of Next Scheduled EDR Contact: 01/24/05

DEL SHWS: Delisted Registry Sites
Source: Department of Environmental Conservation
Telephone: 518-402-9553
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/23/04
Date of Next Scheduled EDR Contact: 11/22/04

DRYCLEANERS: Registered Drycleaners
Source: Department of Environmental Conservation
Telephone: 518-402-8403
A listing of all registered drycleaning facilities.

Date of Government Version: 06/15/04
Database Release Frequency: Varies

Date of Last EDR Contact: 05/21/04
Date of Next Scheduled EDR Contact: N/A

SPDES: State Pollutant Discharge Elimination System
Source: Department of Environmental Conservation
Telephone: 518-402-8233
New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 09/23/04
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/09/04
Date of Next Scheduled EDR Contact: 11/08/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data
Source: Department of Environmental Conservation
Telephone: 518-402-8452

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/04
Date of Next Scheduled EDR Contact: 11/22/04

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 07/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/04
Date of Next Scheduled EDR Contact: 11/29/04

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 07/15/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/04
Date of Next Scheduled EDR Contact: 11/29/04

NASSAU COUNTY:

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/01/04
Date of Next Scheduled EDR Contact: 01/31/05

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/01/04
Date of Next Scheduled EDR Contact: 01/31/05

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 05/25/04
Database Release Frequency: Varies

Date of Last EDR Contact: 08/09/04
Date of Next Scheduled EDR Contact: 11/08/04

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 05/25/04
Database Release Frequency: Varies

Date of Last EDR Contact: 08/09/04
Date of Next Scheduled EDR Contact: 11/08/04

ROCKLAND COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 07/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 07/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/04/04
Date of Next Scheduled EDR Contact: 01/03/05

SUFFOLK COUNTY:

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/16/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/16/04
Database Release Frequency: Annually

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

WESTCHESTER COUNTY:

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of underground storage tanks in Westchester County.

Date of Government Version: 06/16/04
Database Release Frequency: Varies

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 06/16/04
Database Release Frequency: Varies

Date of Last EDR Contact: 08/30/04
Date of Next Scheduled EDR Contact: 11/29/04

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS DATABASES

Brownfields: Brownfields Site List
Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: 06/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/13/04

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 06/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04
Date of Next Scheduled EDR Contact: 12/13/04

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

New York State Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961
Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NEY SMELTING
269 FREEMAN ST.
BROOKLYN, NY 11222

TARGET PROPERTY COORDINATES

Latitude (North):	40.735298 - 40° 44' 7.1"
Longitude (West):	73.950500 - 73° 57' 1.8"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588619.8
UTM Y (Meters):	4509692.0
Elevation:	10 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

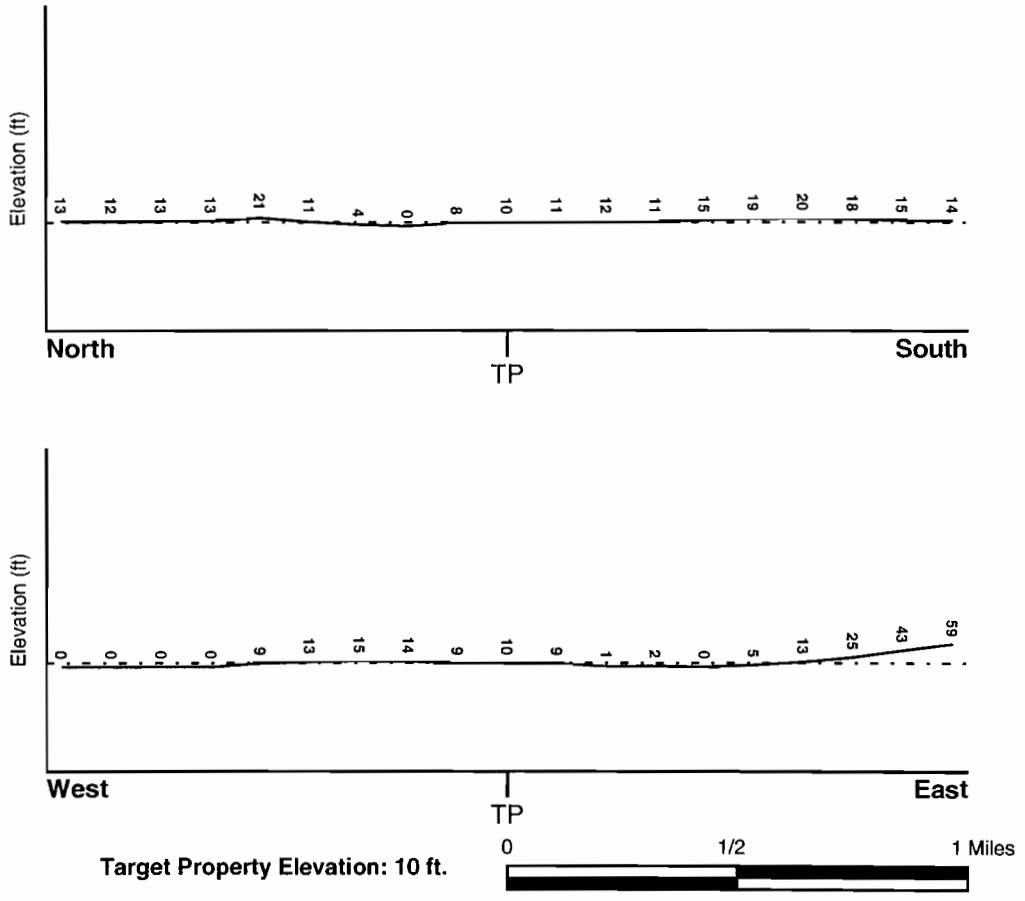
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map:	40073-F8 BROOKLYN, NY
General Topographic Gradient:	General NE
Source:	USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	Not Available

Flood Plain Panel at Target Property: 3604970048B

Additional Panels in search area: 3604970040B
3604970039B
3604970047B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovician
Series:	Ordovician
Code:	Oe *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:	loamy sand silt loam sandy loam fine sandy loam
Surficial Soil Types:	loamy sand silt loam sandy loam fine sandy loam
Shallow Soil Types:	sandy loam
Deeper Soil Types:	very gravelly - loamy sand unweathered bedrock stratified sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS0761274	0 - 1/8 Mile NNW
2	USGS0761272	1/4 - 1/2 Mile WSW
3	USGS0761273	1/4 - 1/2 Mile East
4	USGS0780581	1/4 - 1/2 Mile North
5	USGS0761275	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
6	USGS0780608	1/4 - 1/2 Mile NNE
7	USGS0761271	1/2 - 1 Mile WSW
8	USGS0761269	1/2 - 1 Mile SE
9	USGS0761270	1/2 - 1 Mile ESE
10	USGS0780680	1/2 - 1 Mile North
11	USGS0780612	1/2 - 1 Mile NW
12	USGS0780615	1/2 - 1 Mile NNE
13	USGS0780621	1/2 - 1 Mile NNW
A14	USGS0780584	1/2 - 1 Mile ENE
15	USGS0780627	1/2 - 1 Mile North
A16	USGS0780607	1/2 - 1 Mile ENE
17	USGS0780625	1/2 - 1 Mile NNE
B18	USGS0761333	1/2 - 1 Mile SSE
B19	USGS0761342	1/2 - 1 Mile SSE
20	USGS0780563	1/2 - 1 Mile ESE
21	USGS0780622	1/2 - 1 Mile NE
22	USGS0780679	1/2 - 1 Mile NE
23	USGS0780502	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

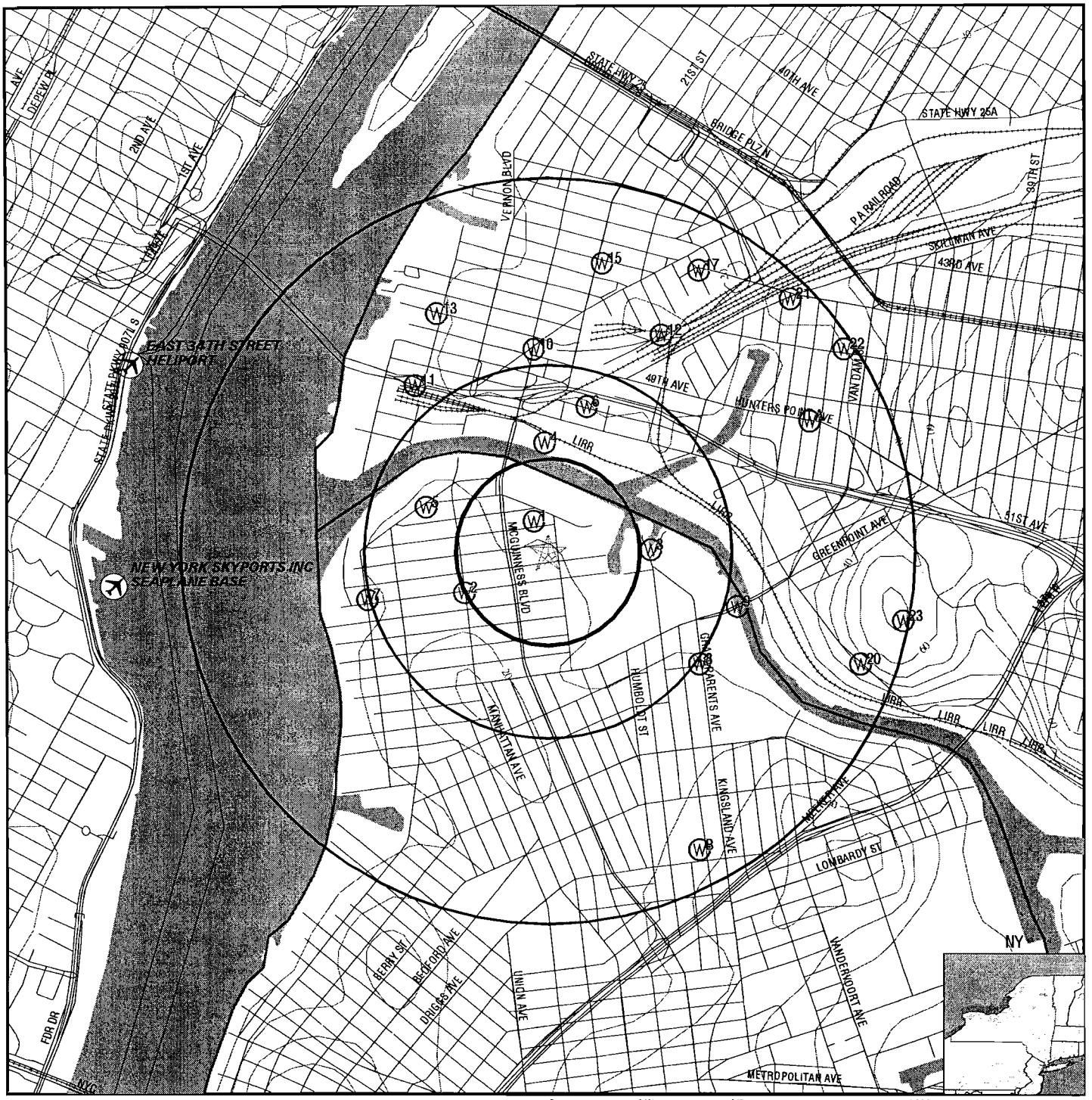
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01302903.2r



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location
- (HD) Closest Hydrogeological Data

TARGET PROPERTY:	Ney Smelting	CUSTOMER:	RTP Environmental Assoc. Inc.
ADDRESS:	269 Freeman St.	CONTACT:	Omar Minnicks
CITY/STATE/ZIP:	Brooklyn NY 11222	INQUIRY #:	01302903.2r
LAT/LONG:	40.7353 / 73.9505	DATE:	November 08, 2004 9:35 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **NNW** **0 - 1/8 Mile** **Lower**	**FED USGS**	**USGS0761274**

Agency:	USGS	Site ID:	404411073570601
Site Name:	K 465. 1		
Dec. Latitude:	40.73649		
Dec. Longitude:	-73.95125		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	10.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	400.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

	Database	EDR ID Number
2 **WSW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS0761272**

Agency:	USGS	Site ID:	404401073571901
Site Name:	K 710. 1		
Dec. Latitude:	40.73371		
Dec. Longitude:	-73.95486		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	13.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	54.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

	Database	EDR ID Number
3 **East** **1/4 - 1/2 Mile** **Lower**	**FED USGS**	**USGS0761273**

Agency:	USGS	Site ID:	404407073564401
Site Name:	K 692. 1		
Dec. Latitude:	40.73538		
Dec. Longitude:	-73.94514		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	3.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	88.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
North
1/4 - 1/2 Mile
Lower

FED USGS **USGS0780581**

Agency:	USGS	Site ID:	404422073570401
Site Name:	Q 395. 1		
Dec. Latitude:	40.73955		
Dec. Longitude:	-73.95069		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	7.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	74.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

5
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS0761275**

Agency:	USGS	Site ID:	404413073572601
Site Name:	K 2227. 1		
Dec. Latitude:	40.73705		
Dec. Longitude:	-73.95681		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	10.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	50.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
NNE **FED USGS** **USGS0780608**
1/4 - 1/2 Mile
Higher

Agency:	USGS	Site ID:	404427073565601
Site Name:	Q 17. 1		
Dec. Latitude:	40.74094		
Dec. Longitude:	-73.94847		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	17.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	175.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
WSW **FED USGS** **USGS0761271**
1/2 - 1 Mile
Lower

Agency:	USGS	Site ID:	404400073573701
Site Name:	K 682. 1		
Dec. Latitude:	40.73344		
Dec. Longitude:	-73.95986		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	10.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	53.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

8
SE
1/2 - 1 Mile
Higher

FED USGS **USGS0761269**

Agency:	USGS	Site ID:	404351073563501
Site Name:	K 579. 1		
Dec. Latitude:	40.73094		
Dec. Longitude:	-73.94264		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	7.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	82.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
ESE
1/2 - 1 Mile
Lower

FED USGS **USGS0761270**

Agency:	USGS	Site ID:	404359073562801
Site Name:	K 711. 1		
Dec. Latitude:	40.73316		
Dec. Longitude:	-73.94069		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	Not Reported		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	74.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
North
1/2 - 1 Mile
Higher

FED USGS **USGS0780680**

Agency:	USGS	Site ID:	404435073570601
Site Name:	Q 423. 1		
Dec. Latitude:	40.74316		
Dec. Longitude:	-73.95125		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	17.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	69.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
NW
1/2 - 1 Mile
Lower

FED USGS **USGS0780612**

Agency:	USGS	Site ID:	404430073572801
Site Name:	Q 422. 1		
Dec. Latitude:	40.74177		
Dec. Longitude:	-73.95736		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	7.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	66.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS0780615**

Agency:	USGS	Site ID:	404437073564201
Site Name:	Q 398. 1		
Dec. Latitude:	40.74371		
Dec. Longitude:	-73.94458		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	2.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	67.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

13
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS0780621**

Agency:	USGS	Site ID:	404440073572401
Site Name:	Q 966. 1		
Dec. Latitude:	40.74455		
Dec. Longitude:	-73.95625		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	8.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	200.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A14
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS0780584**

Agency:	USGS	Site ID:	404424073561501
Site Name:	Q 1638. 1		
Dec. Latitude:	40.7401		
Dec. Longitude:	-73.93708		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	13.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	73.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

15
North
1/2 - 1 Mile
Higher

FED USGS **USGS0780627**

Agency:	USGS	Site ID:	404447073565301
Site Name:	Q 399. 1		
Dec. Latitude:	40.74649		
Dec. Longitude:	-73.94764		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	13.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	68.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A16
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS0780607**

Agency:	USGS	Site ID:	404426073561401
Site Name:	Q 1502. 1		
Dec. Latitude:	40.74066		
Dec. Longitude:	-73.9368		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	15.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	93.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS0780625**

Agency:	USGS	Site ID:	404446073563501
Site Name:	Q 1738. 1		
Dec. Latitude:	40.74621		
Dec. Longitude:	-73.94264		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	15.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	146.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B18
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS0761333**

Agency:	USGS	Site ID:	404325073563508
Site Name:	K 3260. 1		
Dec. Latitude:	40.72371		
Dec. Longitude:	-73.94264		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	28.7		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	112GLCLU		
Aquifer type:	Not Reported		
Well depth:	23.		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 80

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-10-24		12.89	2000-09-27		12.26
2000-08-24		12.89	2000-07-27		13.11
2000-06-28		13.58	2000-05-23		13.47
2000-04-27		13.00	2000-03-22		12.58
2000-02-29		12.01	1999-12-13		12.83
1999-11-23		12.54	1999-10-19		12.73
1999-09-23		12.52	1999-08-17		11.99
1999-07-20		12.49	1999-06-24		12.86
1999-05-18		13.16	1999-04-28		13.32
1999-03-23		12.97	1999-03-02		12.05

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1999-01-27		11.50
1998-09-29		11.65
1998-07-28		12.61
1998-04-29		12.48
1998-02-26		11.94
1997-12-29		11.32
1997-10-29		10.78
1997-03-24		11.56
1995-09-29		10.00
1995-01-03		10.61
1993-11-22		9.93
1993-07-22		10.33
1993-05-24		10.71
1993-03-26		10.29
1992-12-28		9.63
1992-10-27		9.50
1992-08-24		10.04
1992-06-23		9.74
1985-10-01		10.36
1984-12-28		11.59
1984-06-27		11.69
1984-01-05		11.29
1983-06-29		10.29
1982-12-20		10.10
1982-07-01		10.38
1981-12-30		8.94
1981-06-24		9.84
1981-02-12		9.83
1980-09-23		10.89
1980-06-10		11.36
1998-11-24		11.33
1998-09-01		12.13
1998-05-28		13.04
1998-03-24		12.86
1998-01-26		10.65
1997-11-26		10.69
1997-09-29		11.75
1996-07-12		10.24
1995-06-22		9.94
1994-06-28		10.89
1993-08-25		10.16
1993-06-22		10.58
1993-04-28		11.06
1993-01-19		9.89
1992-11-20		9.96
1992-09-18		9.70
1992-07-16		11.74
1992-06-15		8.22
1985-05-21		10.43
1984-10-05		11.26
1984-03-15		11.43
1983-09-29		10.77
1983-03-25		10.29
1982-10-06		10.29
1982-03-24		10.04
1981-09-22		9.59
1981-03-18		9.89
1980-12-22		10.02
1980-06-24		11.27
1980-04-11		10.86

B19
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS0761342**

Agency:	USGS	Site ID:	404325073563509
Site Name:	K 3260. 2		
Dec. Latitude:	40.72371		
Dec. Longitude:	-73.94264		
Coord Sys:	NAD83		
State:	NY		
County:	Kings County		
Altitude:	Not Reported		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	20010716	Inven Date:	20010716
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	112GLCLU		
Aquifer type:	Unconfined single aquifer		
Well depth:	42.6		
Hole depth:	45.0	Source:	owner
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-11-26		10.28	2002-10-21		10.03
2002-09-25		9.74	2002-08-27		9.53
2002-07-22		9.75	2002-06-18		9.75
2002-05-29		9.71	2002-04-24		9.50
2002-02-27		9.70	2002-01-28		9.71
2001-12-28		9.87	2001-11-15		10.10
2001-10-24		10.26	2001-09-26		10.31
2001-08-29		10.43	2001-07-24		10.66

20
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS0780563**

Agency:	USGS	Site ID:	404351073560501
Site Name:	Q 390. 1		
Dec. Latitude:	40.73094		
Dec. Longitude:	-73.9343		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	23.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	211.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

21
NE
1/2 - 1 Mile
Higher

FED USGS **USGS0780622**

Agency:	USGS	Site ID:	404442073561801
Site Name:	Q 171. 1		
Dec. Latitude:	40.7451		
Dec. Longitude:	-73.93792		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	46.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	500.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

22
NE
1/2 - 1 Mile
Higher

FED USGS **USGS0780679**

Agency:	USGS	Site ID:	404435073560801
Site Name:	Q 1632. 1		
Dec. Latitude:	40.74316		
Dec. Longitude:	-73.93514		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	18.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	63.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

23
East
1/2 - 1 Mile
Higher

FED USGS **USGS0780502**

Agency:	USGS	Site ID:	404357073555701
Site Name:	Q 391. 1		
Dec. Latitude:	40.7326		
Dec. Longitude:	-73.93208		
Coord Sys:	NAD83		
State:	NY		
County:	Queens County		
Altitude:	62.0		
Hydrologic code:	02030201		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	197.	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

Zip	Num Sites	< 4 Pci/L	>= 4 Pci/L	>= 20 Pci/L	Avg > 4 Pci/L	Max Pci/L
11222	3	3 (100%)	0 (0%)	0 (0%)	0.80	1.2

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

New York State Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961
Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

New York Facility and Manifest Data
Source: NYSDEC
Telephone: 518-457-6585
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

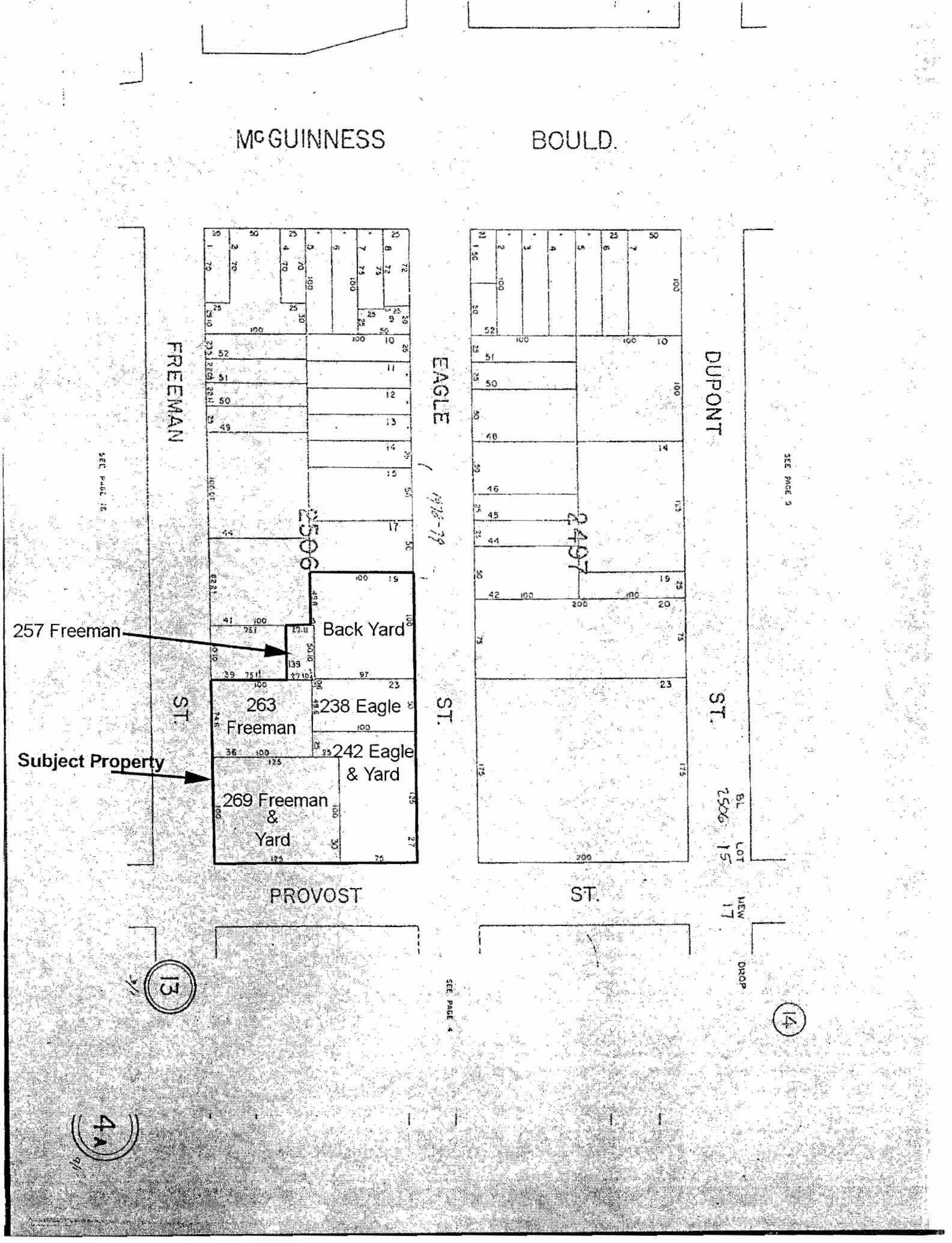
OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

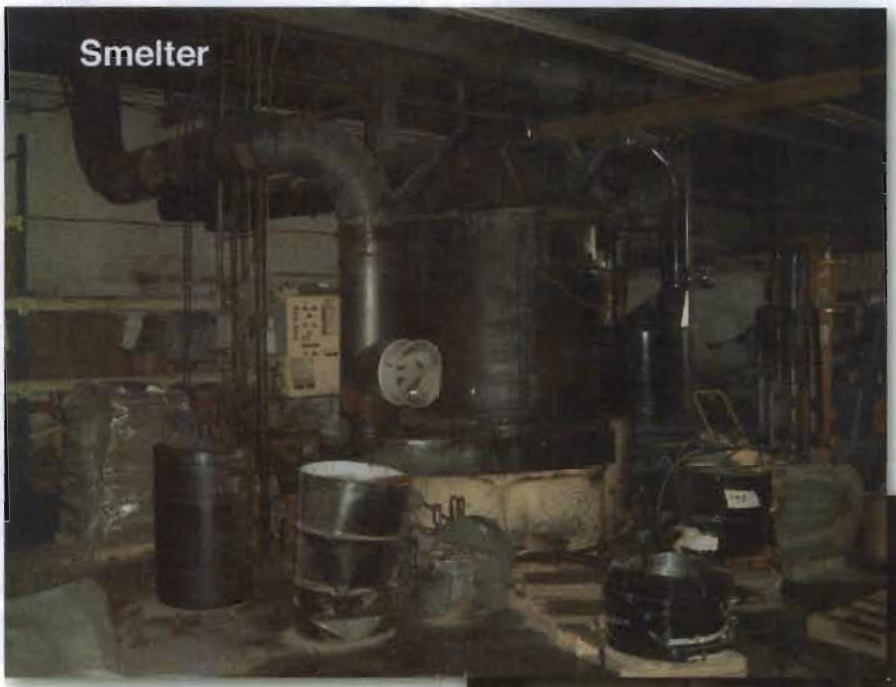
APPENDIX E

New York City Department of Finance Tax Map

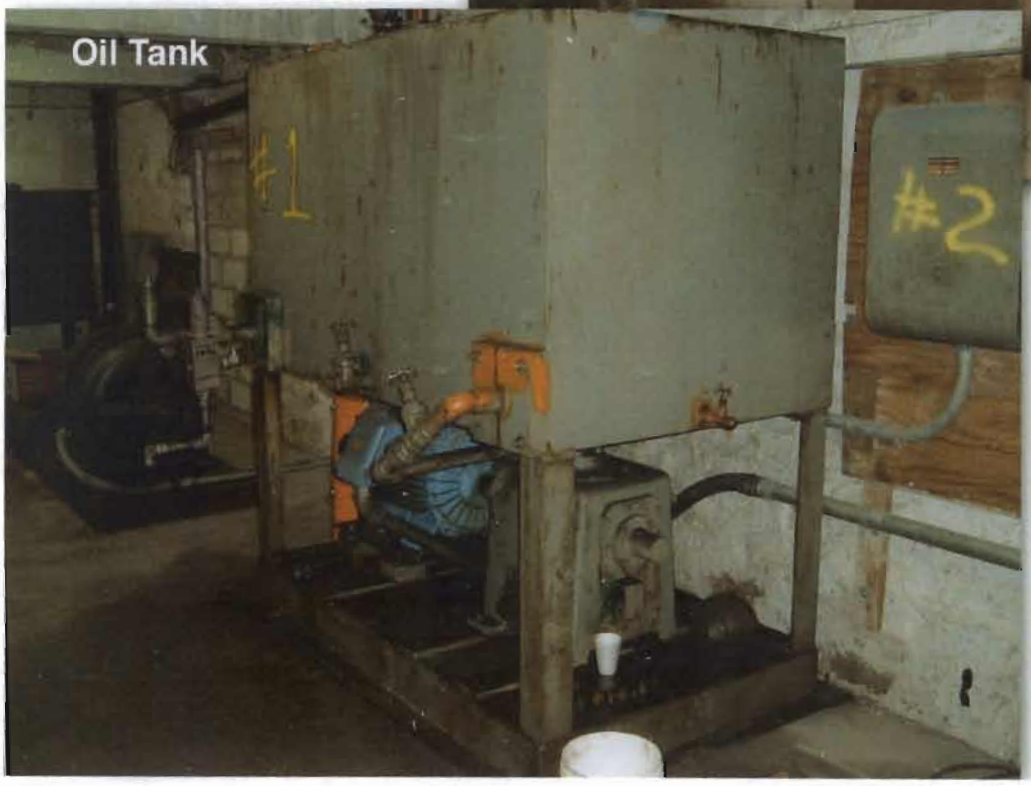

McGUINNESS
BOULD.
FREEMAN
EAGLE
DUPONT
ST.
ST.
ST.
PROVOST
ST.
2506
2497
257 Freeman
Back Yard
263 Freeman
238 Eagle
242 Eagle & Yard
Subject Property
269 Freeman & Yard
SEE PAGE 3
SEE PAGE 9
SEE PAGE 4
BL 2506 LOT 15 NEW 17
DROP
13
14
4

APPENDIX F

Site Inspection Photographs


Smelter


Zinc Smelting Machines



Oil Tank



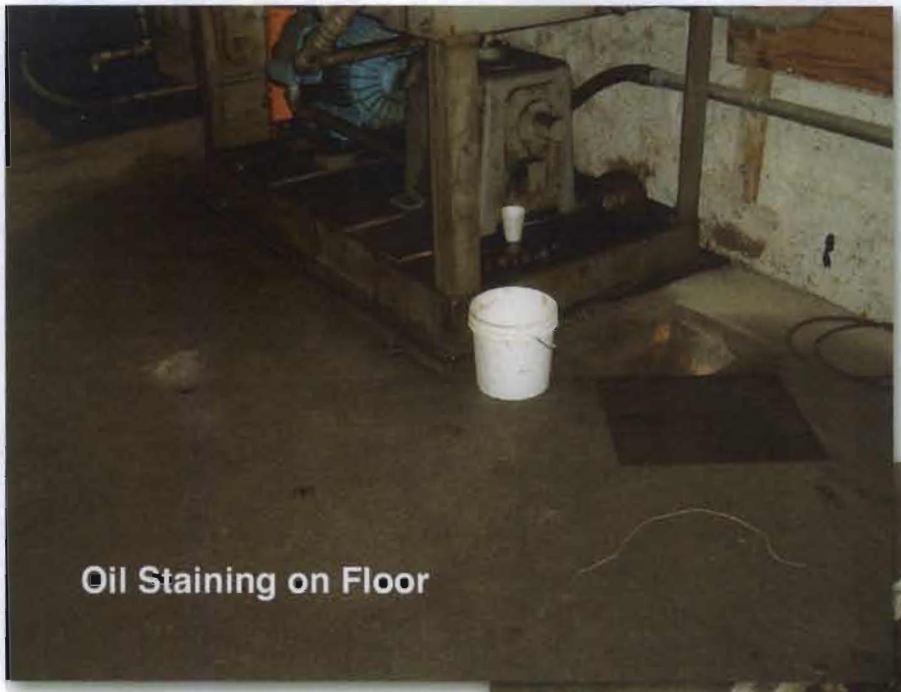
Mold in Office Storage Room



Oil Stain Overy Back Yard



Monitoring Well In Sidewalk



Oil Staining on Floor

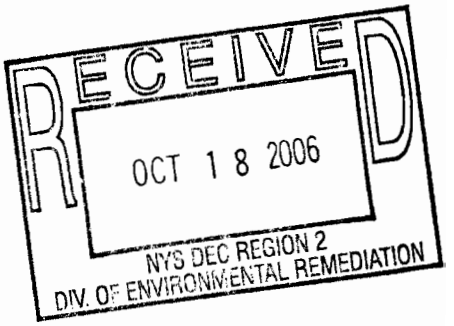


Drain in Bad Condition



Adjacent Dump

PHASE II
ENVIRONMENTAL SITE ASSESSMENT REPORT
NEY SMELTING & REFINING CO. INC.
269 FREEMAN STREET
BROOKLYN, NEW YORK



RTP ENVIRONMENTAL ASSOCIATES, INC.
239 U.S. HIGHWAY 22
GREEN BROOK, NEW JERSEY 08812

April 28, 2005

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2.0 SAMPLING **2**

3.0 LABORATORY RESULTS **2**

3.1 SOIL SAMPLING RESULTS 2

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4.0 CONCLUSIONS AND RECOMMENDATIONS **6**

Figures

Figure 1-New York City Department of Finance Tax Map

Tables

Table 1-Base Neutral Soil Sample Summary Table

Table 2-Heavy Metal, Volatile Organic Compound, & Total Petroleum Hydrocarbon Soil Sample Summary Table

Table 3-Groundwater Sample Summary Table

Appendix A: Soil Boring Log

Appendix B: Reduced Laboratory Deliverable Packages

1.0 INTRODUCTION

RTP Environmental Associates, Inc. (RTP) has been retained by Ney Smelting to perform a Phase II Environmental Site Assessment at 269 Freeman Street, Brooklyn, New York. Seven areas of concern that require additional investigation were identified in a January 3, 2005 Phase I Environmental Site Assessment report by RTP. The areas of concern that were identified for additional sampling included:

- Paint spraying operations identified in the 263 Freeman and 238 Eagle sections of the subject building based on a review of the 1942 and 1965 Sanborn Fire Insurance Maps of the site.
- Oil staining over cracked concrete in the 257 Freeman and 263 Freeman sections of the subject building.
- A severely corroded sump that is surrounded by oil staining in the basement of the 242 Eagle section of the subject building.
- Oil stained sand over concrete and oil stained soil in the Back Yard section of the subject property.
- A dumpster possibly used to deposit contaminated materials as well as leak contaminated water in the Back Yard section of the subject property.

RTP recommended soil sampling in all of the areas of concern, and groundwater sampling in the paint spraying operations area located in the 263 Freeman section of the building and in the area of the corroded sump. Before RTP began the sampling event, the site owners requested a sample be collected in every section of the building at the site. Figure 1 consists of a tax map which shows each section of the subject property and its respective name. RTP performed this assessment on December 15, 2004. The weather for the sampling in the Back Yard section of the subject property was clear, which allowed for no interference with the outside soil sampling.

Three soil samples (samples NS-1S, NS-6, and NS-7) were collected in the 263 Freeman section of the subject building. The samples were collected in the reported location of the paint spraying operations (sample NS-1S), in the vicinity of a smelter in the room (sample NS-6), and in the smelter pit (sample NS-7). All three samples were analyzed for total petroleum hydrocarbons (TPHC), volatile organic compounds (VO+10), base neutral compounds (BN+15), and heavy metals (PPM). A groundwater sample (sample NS-1W) was also collected from this area of the building and analyzed for priority pollutant compounds (PP+40) and methyl tert butyl ether (MTBE). The PP+40 analysis includes volatile organic compounds (VO+15), base neutral and acid extractable compounds (BNA+25), PPM, polychlorinated biphenyls (PCBs), pesticides, and cyanide.

One soil sample each was collected from the 238 Eagle (sample NS-3), 242 Eagle (sample NS-4S), 257 Freeman (sample NS-2), and 269 Freeman (sample NS-5) sections of the subject building. These samples were analyzed for TPHC, VO+10, BN+15, and PPM. A groundwater sample (sample NS-4W) was collected in the 242 Eagle section of the subject building and analyzed for PP+40 and MTBE. The samples collected in the 242 Eagle section of the subject

building were in a corroded sump with an oil stain surrounding the sump. The sample collected in the 257 Freeman section of the subject building was near an oil stain over cracked concrete. The samples collected in the 238 Eagle and 269 Freeman sections of the subject building were at the request of the site owner.

Three samples (samples NS-8, NS-9, and NS-10) were collected in the Back Yard section of the subject property. All of the samples were analyzed for TPHC, VO+10, and BN+15. A sample that was collected under a dumpster in this area was also analyzed for PPM.

2.0 SAMPLING

The interior soil samples were accessed by drilling through the concrete foundation of the building with a rock drill. Then, for most of the sampling points, a track-mounted geoprobe was used to go down to the desired depth. The soil samples were collected from the geoprobe tubes using a trowel. Some of the sample points (borings NS-4 and NS-7) were not accessible with the track-mounted geoprobe, so a hand auger was used to go down to the desired depth. Exterior soil samples were collected from the ground surface using a trowel. The groundwater samples were collected by installing a temporary well point into the holes created by the geoprobe and the samples were collected using a polyethylene bailer. All samples were collected in accordance with the New York State Department of Environmental Conservation's (NYSDEC) Sampling Guidelines and Protocols. A soil boring log for this sampling event is located in Appendix A of this report.

3.0 LABORATORY RESULTS

Appendix B contains a portion of the reduced laboratory deliverable package for this sampling event.

3.1 Soil Sampling Results

The soil sample results were compared to the NYSDEC Recommended Soil Cleanup Objectives. Most of this standard has numerical concentration thresholds but some substances, mainly polynuclear aromatic hydrocarbons, have numerical concentrations below the method detection limit of the laboratory machine. The method detection limit is the lowest concentration of a substance that the laboratory machine can "reliably" detect. The substances that have thresholds below the MDL of the laboratory machine have a threshold set by the MDL as noted in the NYSDEC Recommended Soil Cleanup Objectives. Table 1 contains the base neutral soil sample results for all of the samples. Several heavy metals have the site background concentration of that heavy metal as the threshold under the Recommended Soil Cleanup Objectives. The reason the site background concentration would be the threshold is because heavy metals are naturally occurring in most, if not all, soils. The concentration of the naturally occurring heavy metal

sometimes is higher than the threshold established by the standard. Based on the sampling results below RTP has calculated an approximate site background concentration for the heavy metals identified in the sample results. These concentrations are listed in the table below:

Approximate Site Background Concentrations

Heavy Metal	Concentration (ppm)
Antimony	0
Arsenic	3 – 4
Beryllium	0
Cadmium	1 – 2
Chromium	13 – 15
Copper	30 – 50
Lead	110 – 120
Mercury	NA
Nickel	10 – 15
Zinc	90 – 120

NA-Not applicable

Table 2 shows the heavy metal, volatile organic compound, and total petroleum hydrocarbon sample results for all of the samples.

Sample NS-1S

Sample NS-1S, which was collected in the 263 Freeman section of the building, had a base neutral compound concentration above the NYSDEC Recommended Soil Cleanup Objectives (NYSDEC soil standards) for chrysene. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample also had elevated concentrations of benzo(a)anthracene, benzo(a)pyrene, and dibenz(a,h)anthracene but the concentrations are not of concern because they are below the MDL of the laboratory machine.

Sample NS-1S had heavy metal concentrations of antimony, arsenic, beryllium, chromium, copper, lead, mercury, silver, and zinc above the NYSDEC soil standards. This determination was made for antimony, arsenic, beryllium, chromium, copper, and zinc by using the approximate background concentration of these compounds at the site as the threshold.

Sample NS-2

Sample NS-2, which was collected in the 257 Freeman section of the building, had base neutral compound concentrations above NYSDEC soil standards for benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene. The concentrations of chrysene and benzo(b)fluoranthene were above the highest calibration standard of the initial test, so the sample was retested with the compound concentrations still above the NYSDEC soil standards. In addition the concentrations of all of the compounds except for

dibenz(a,h)anthracene was above the NYSDEC Soil Cleanup Objectives to Protect Groundwater Quality.

Sample NS-2 had heavy metal concentrations of antimony, arsenic, cadmium, copper, lead, mercury, silver, and zinc above the NYSDEC soil standards. This determination was made for antimony, arsenic, cadmium, copper, and zinc by using the approximate site background concentration of these compounds as the threshold.

Sample NS-2 had a volatile organic compound concentration of methylene chloride above the NYSDEC soil standard and the NYSDEC Soil Cleanup Objectives to Protect Groundwater Quality. This concentration is not of concern, though, because methylene chloride was discovered in the laboratory blank, which means the methylene chloride most likely "contaminated" the sample during the laboratory analysis process as opposed to when the soil was in the environment.

Sample NS-3

Sample NS-3, which was collected in the 238 Eagle section of the building, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene. In addition the concentrations of chrysene, benzo(b)fluoranthene, and benzo(k)fluoranthene were above the NYSDEC Soil Cleanup Objectives to Protect Groundwater Quality. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample also had an elevated concentration of dibenz(a,h)anthracene but the concentration is not of concern because it is below the MDL of the laboratory machine.

Sample NS-3 had no heavy metal concentrations above the NYSDEC soil standards.

Sample NS-4S

Sample NS-4S, which was collected in the basement of the 242 Eagle section of the building, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene. In addition the concentrations of chrysene, benzo(b)fluoranthene, and benzo(k)fluoranthene were above the NYSDEC Soil Cleanup Objectives to Protect Groundwater Quality. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample also had an elevated concentration of dibenz(a,h)anthracene but the concentration is not of concern because it is below the MDL of the laboratory machine.

Sample NS-4S had heavy metal concentrations of copper, mercury, and zinc above the NYSDEC soil standards. This determination was made for copper and zinc by using the approximate site background concentration of these compounds as the threshold.

Sample NS-5

Sample NS-5, which was collected in the 269 Freeman section of the building, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, and benzo(a)pyrene. In addition the concentrations of chrysene and benzo(b)fluoranthene were above the NYSDEC Soil Cleanup Objectives to Protect Groundwater Quality. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample also had an elevated concentration of dibenz(a,h)anthracene but the concentration is not of concern because it is below the MDL of the laboratory machine.

Sample NS-5 had heavy metal concentrations of antimony, arsenic, beryllium, cadmium, copper, lead, mercury, nickel, and zinc above the NYSDEC soil standards. This determination was made for antimony, arsenic, beryllium, cadmium, copper, nickel, and zinc by using the approximate site background concentration of these compounds as the threshold.

Sample NS-6

Sample NS-6, which was collected in the 263 Freeman section of the building, had no base neutral compound concentrations above the NYSDEC soil standards. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample had an elevated concentration of benzo(a)pyrene but the concentration is not of concern because it is below the MDL of the laboratory machine.

Sample NS-6 had no heavy metal concentrations above the NYSDEC soil standards.

Sample NS-7

Sample NS-7, which was collected in the 263 Freeman section of the building, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)anthracene, chrysene, and benzo(a)pyrene. These standards have some parameters where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard. This sample had an elevated concentration of dibenz(a,h)anthracene but the concentration is not of concern because it is below the MDL of the laboratory machine.

Sample NS-7 had heavy metal concentrations of antimony, arsenic, chromium, copper, lead, mercury, and zinc above the NYSDEC soil standards. This determination was made for antimony, arsenic, chromium, copper, lead, and zinc by using the approximate site background concentration of these compounds as the threshold.

Sample NS-8

Sample NS-8, which was collected in the Back Yard section of the subject property, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)pyrene, but this concentration was below the MDL of the laboratory machine. This concentration is not of

concern because this parameter has an alternate standard where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard.

Sample NS-9

Sample NS-9, which was collected in the Back Yard section of the subject property, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)pyrene, but this concentration was below the MDL of the laboratory machine. This concentration is not of concern because this parameter has an alternate standard where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard.

Sample NS-10

Sample NS-10, which was collected in the Back Yard section of the subject property, had base neutral compound concentrations above the NYSDEC soil standards for benzo(a)pyrene, but this concentration was below the MDL of the laboratory machine. This concentration is not of concern because this parameter has an alternate standard where the method detection limit (MDL) of the laboratory machine is the threshold instead of the numerical standard.

Sample NS-10 had heavy metal concentrations of antimony, mercury, and silver above the NYSDEC soil standards. This determination was made for antimony, and silver by using the approximate site background concentration of these compounds as the threshold.

3.2 Groundwater Sampling Results

Sample NS-1W had concentrations of several heavy metal parameters above the 6 NYCRR Part 703-Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (the groundwater standards). These heavy metals included antimony, arsenic, cadmium, chromium, copper, lead, mercury, and nickel.

Sample NS-4W had concentrations of tetrachloroethylene (PCE) and several heavy metal parameters above the groundwater standards. The heavy metals included antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, and nickel.

Table 3 shows the groundwater sample results for both samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

RTP concludes, based on field observations and the sampling results, that several soil samples had base neutral and heavy metal contamination that are consistent with contaminated fill material. In addition, base neutral concentrations in samples NS-2, NS-3, NS-4S, NS-5, and NS-7 were above the NYSDEC Soil Cleanup Objectives To Protect Groundwater Quality. The groundwater samples had several heavy metal concentrations above the groundwater standard.

Sample NS-4W had a concentration of PCE slightly above the groundwater standard (6 ppb vs. 5 ppb). Both groundwater samples were very turbid. Since the soil has elevated concentrations of several heavy metals, then these heavy metals would be present in any groundwater sampling with turbid samples that would take place in the vicinity of these heavy metals. The PCE contamination, although slightly above the groundwater standards, is still a concern. This also maybe caused by the turbidity in the groundwater sample because PCE tends to adsorb to soil particles than dissolve in groundwater.

RTP recommends that, a monitoring well be installed at the site. A monitoring well will limit soil particles from infiltrating any groundwater samples that are collected such that a sample more representative of the groundwater will be collected. In addition a groundwater sample from a monitoring well will be needed to show that the soil did not impact the groundwater in preparation to file a deed notice. Since it likely is economically and physically infeasible to remove the contaminated soil, a deed notice is recommended to document the contamination at the site. Since the contaminated soil is most likely fill material, the area is mostly industrialized and away from any sensitive receptors, and the exposure potential at the site is limited by the building and parking lot, the NYSDEC will probably be more amenable with leaving it where it is without any significant remedial action. The only area of exposure at the site is the Back Yard section of the subject property. The petroleum stained soil should be removed from the site and the whole area should be paved over such that the exposure potential can be minimized.

FIGURES

McGUINNESS
BOULD
FREEMAN
EAGLE
DUPONT
ST.
ST.
ST.
PROVOST
ST
257 Freeman
Back Yard
263 Freeman
238 Eagle
242 Eagle & Yard
Subject Property
269 Freeman & Yard
2506
2497
SEE PAGE 5
SEE PAGE 4
BL 2506 LOT 15 NEW 17
DROP
13
14
4A

TABLES

Table 1-Base Neutral Soil Sample Summary Table

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-1S 12/15/04	NS-2 12/15/04	NS-2DL 12/15/04	NS-3 12/15/04
Base Neutrals							
Bis(2-ethylhexyl)phthalate	50	435		U	0.26J	0.48JD	0.29J
Fluoranthene	50	1900		0.88	14E	6.3D	2.6
Pyrene	50	665		0.9	12E	10D	3.9
Naphthalene	13	13		0.065J	0.45	0.45JD	0.19J
Acenaphthene	50	90		0.099J	0.76	0.76JD	0.19J
Dibenzofuran	6.2	6.2		0.059J	0.52	0.51JD	0.14J
Fluorene	50	350		0.095J	0.81	0.81JD	0.21J
Phenanthrene	50	220		0.85	11E	8.5D	2
Anthracene	50	700		0.2J	2	1.6JD	0.53
Benzo(a)anthracene	0.224 or MDL	3		**0.42J***	***5.1***	***4.2D***	**1.2**
Chrysene	0.4	0.4		**0.48**	***6.1E***	***5.2D***	***1.4***
Benzo(b)fluoranthene	1.1	1.1		0.28J	***7.4E***	***3.1D***	***1.2***
Benzo(k)fluoranthene	1.1	1.1		0.33J	***4.1***	***4.1D***	***1.4***
Benzo(a)pyrene	0.061 or MDL	11		**0.34J***	**4.9**	**3.1D**	**1**
Indeno(1,2,3-cd)pyrene	3.2	3.2		0.16J	1	0.93JD	0.21J
Dibenz(a,h)anthracene	0.014 or MDL	165000		**0.082J***	**0.53**	**0.54JD***	**0.13J***
Benzo(g,h,i)perylene	50	800		0.16J	0.87	0.92	0.2J
2-Methylnaphthalene	36.4	36.4		U	0.22J	0.22JD	0.22J
Acenaphthylene	41	41		U	0.36J	0.39JD	0.085J
Butylbenzylphthalate	50	122		U	U	U	0.098J
3,3'-Dichlorobenzidine	NA	NA		U	U	U	0.05J
Di-n-butylphthalate	8.1	8.1		U	U	U	U
1,4-Dichlorobenzene	NA	NA		U	U	U	U
Total Base Neutrals	500			32.69JN	97.68JN	77.67JND	75.82JN

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results.
Bold-Exceeds Recommended Soil Cleanup Objectives
D-Result based on a dilution of 10 times the original concentration
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
J-Contaminant concentration found below Method Detection Limit
SB-Site background levels
B- Chemical found in associated blank.
NA-Not Available
U-Not detected in sample
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 1-Base Neutral Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-4S 12/15/04	NS-4SDL 12/15/04	NS-5 12/15/04
Base Neutrals						
Bis(2-ethylhexyl)phthalate	50	435		U	U	U
Fluoranthene	50	1900		5.5	5.4D	3.9
Pyrene	50	665		4.6	4.6D	3.8
Naphthalene	13	13		2.1	2.2JD	0.096J
Acenaphthene	50	90		1.4	1.4JD	0.16J
Dibenzofuran	6.2	6.2		1	1.1JD	0.14J
Fluorene	50	350		1.3	1.7JD	0.22J
Phenanthrene	50	220		7.8E	7.1D	3.2
Anthracene	50	700		2.4	2.4D	0.74
Benzo(a)anthracene	0.224 or MDL	3		**2.2**	**2JD**	**1.9**
Chrysene	0.4	0.4		***2.1***	***1.9JD***	***2.3***
Benzo(b)fluoranthene	1.1	1.1		***1.8***	***1.3JD***	***1.9***
Benzo(k)fluoranthene	1.1	1.1		***1.3***	***1.8JD***	**1**
Benzo(a)pyrene	0.061 or MDL	11		**1.7**	**1.7JD***	**1.6**
Indeno(1,2,3-cd)pyrene	3.2	3.2		0.4J	0.76JD	0.61
Dibenz(a,h)anthracene	0.014 or MDL	165000		**0.23J***	**0.42JD***	**0.35J***
Benzo(g,h,i)perylene	50	800		0.33J	0.76JD	0.58
2-Methylnaphthalene	36.4	36.4		0.49	0.57JD	0.079J
Acenaphthylene	41	41		U	U	0.1J
Butylbenzylphthalate	50	122		U	U	U
3,3'-Dichlorobenzidine	NA	NA		U	U	U
Di-n-butylphthalate	8.1	8.1		U	U	U
1,4-Dichlorobenzene	NA	NA		U	U	U
Total Base Neutrals	500			80.62JN	81.08JN	57.8JN

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results
Bold-Exceeds Recommended Soil Cleanup Objectives
D-Result based on a dilution of 10 times the original concentration
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
J-Contaminant concentration found below Method Detection Limit
SB-Site background levels
B- Chemical found in associated blank.
NA-Not Available
U-Not detected in sample
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 1-Base Neutral Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-6 12/15/04	NS-7 12/15/04	NS-8 12/15/04	NS-8DL 12/15/04
Base Neutrals							
Bis(2-ethylhexyl)phthalate	50	435			0.081J	3.2	4.7D
Fluoranthene	50	1900		0.19J	2.1	0.081J	U
Pyrene	50	665		0.21J	2.1	0.23J	U
Naphthalene	13	13		U	U	U	U
Acenaphthene	50	90		U	0.1J	U	U
Dibenzofuran	6.2	6.2		U	0.047J	U	U
Fluorene	50	350		U	0.11J	U	U
Phenanthrene	50	220		0.15J	1.3	U	U
Anthracene	50	700		U	0.28J	U	U
Benzo(a)anthracene	0.224 or MDL	3		0.096J	***0.98***	U	U
Chrysene	0.4	0.4		0.12J	***1.1***	U	U
Benzo(b)fluoranthene	1.1	1.1		0.072J	0.92	0.14J	U
Benzo(k)fluoranthene	1.1	1.1		0.061J	0.78	0.18J	U
Benzo(a)pyrene	0.061 or MDL	11		**0.069J***	**0.91**	**0.11J***	U
Indeno(1,2,3-cd)pyrene	3.2	3.2		U	0.33J	U	U
Dibenz(a,h)anthracene	0.014 or MDL	165000		U	**0.17J***	U	U
Benzo(g,h,i)perylene	50	800		U	0.31J	U	U
2-Methylnaphthalene	36.4	36.4		U	U	U	U
Acenaphthylene	41	41		U	0.077J	U	U
Butylbenzylphthalate	50	122		U	U	U	U
3,3'-Dichlorobenzidine	NA	NA		U	U	U	U
Di-n-butylphthalate	8.1	8.1		U	U	U	U
1,4-Dichlorobenzene	NA	NA		U	U	U	U
Total Base Neutrals	500			23.62JN	35.73JN	8.84JN	9.6JN

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results.
B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
J-Contaminant concentration found below Method Detection Limit
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
SB-Site background levels
NA-Not Available
U-Not detected in sample
Bold-Exceeds Recommended Soil Cleanup Objectives
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 1-Base Neutral Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample #	NS-9	NS-10	TB
			Sample Date	12/15/04	12/15/04	12/15/04
Base Neutrals						
Bis(2-ethylhexyl)phthalate	50	435		0.97	0.79	NA
Fluoranthene	50	1900		0.28J	0.29J	NA
Pyrene	50	665		0.26J	0.29J	NA
Naphthalene	13	13		U	U	NA
Acenaphthene	50	90		U	U	NA
Dibenzofuran	6.2	6.2		U	U	NA
Fluorene	50	350		U	U	NA
Phenanthrene	50	220		0.16J	0.26J	NA
Anthracene	50	700		0.041J	0.047J	NA
Benzo(a)anthracene	0.224 or MDL	3		0.12J	0.12J	NA
Chrysene	0.4	0.4		0.16J	0.14J	NA
Benzo(b)fluoranthene	1.1	1.1		0.15J	0.12J	NA
Benzo(k)fluoranthene	1.1	1.1		0.12J	0.12J	NA
Benzo(a)pyrene	0.061 or MDL	11		**0.12J***	**0.11J***	NA
Indeno(1,2,3-cd)pyrene	3.2	3.2		0.051J	0.046J	NA
Dibenz(a,h)anthracene	0.014 or MDL	165000		U	U	NA
Benzo(g,h,i)perylene	50	800		0.048J	0.042J	NA
2-Methylnaphthalene	36.4	36.4		U	U	NA
Acenaphthylene	41	41		U	U	NA
Butylbenzylphthalate	50	122		U	U	NA
3,3'-Dichlorobenzidine	NA	NA		U	U	NA
Di-n-butylphthalate	8.1	8.1		0.056J	U	NA
1,4-Dichlorobenzene	NA	NA		U	0.098J	NA
Total Base Neutrals	500			40.54JN	50.44JN	NA

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results
B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
J-Contaminant concentration found below Method Detection Limit
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
SB-Site background levels
NA-Not Available
U-Not detected in sample
Bold-Exceeds Recommended Soil Cleanup Objectives
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 2- Heavy Metal, Volatile Organic Compound, & Total Petroleum Hydrocarbon Soil Sample Summary Table

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-1S 12/15/04	NS-2 12/15/04	NS-2DL 12/15/04	NS-3 12/15/04
Heavy Metals							
Antimony	SB	NA		**2.97*** **	**28.6*** **	NA	U
Arsenic	7.5 or SB	NA		**15.8*** **	**18.6*** **	NA	4.11
Beryllium	0.16 or SB	NA		**0.462*** **	U	NA	U
Cadmium	1 or SB	NA		U	**71.6*** **	NA	U
Chromium	10 or SB	NA		**24.3*** **	15.9	NA	15.8
Copper	25 or SB	NA		**83.7*** **	**219*** **	NA	32.7
Lead	SB	NA		**273**	**2080**	NA	120
Mercury	0.1	NA		**1.35**	**1.67**	NA	U
Nickel	13 or SB	NA		15.4	17.4	NA	15.7
Silver	SB	NA		**0.381**	**0.77**	NA	U
Zinc	20 or SB	NA		**305*** **	**1460*** **	NA	94.6
Volatile Organics							
Methylene Chloride	0.1	0.1		0.031B	***0.25B***	NA	0.086B
Acetone	0.2	0.11		0.022B	0.016B	NA	0.054B
Trichloroethene	0.7	0.7		0.002J	0.004J	NA	0.002J
Tetrachloroethene	1.4	1.4		0.002J	0.032	NA	0.002J
Xylenes	1.2	1.2		0.002J	0.002J	NA	U
Toluene	1.5	1.5		U	0.001J	NA	U
1,2,4-Trimethylbenzene	NA	NA		U	0.001J	NA	U
Carbon Disulfide	2.7	2.7		U	U	NA	0.001J
2-Butanone	0.3	0.3		U	U	NA	U
Styrene	NA	NA		U	U	NA	U
p-Isopropyltoluene	NA	NA		U	U	NA	U
1,3-Dichlorobenzene	1.6	1.55		U	U	NA	U
Total Volatile Organics	10			0.096JN	0.39JN	NA	0.175JN
Total Petroleum Hydrocarbons				83	406	NA	U

*-Above Recommended Soil Cleanup Objective standard but below MDL.
***-Above approximate site background concentration, as calculated from sample results.
Bold-Exceeds Recommended Soil Cleanup Objectives
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit
SB-Site background levels
NA-Not Available
U-Not detected in sample
B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentratic
Sample results and standards are in parts per million (ppm).

Table 2- Heavy Metal, Volatile Organic Compound, & Total Petroleum Hydrocarbon Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-4S 12/15/04	NS-4SDL 12/15/04	NS-5 12/15/04
Heavy Metals						
Antimony	SB	NA		U	NA	**9.47*** **
Arsenic	7.5 or SB	NA		4.61	NA	**16.9*** **
Beryllium	0.16 or SB	NA		U	NA	**0.419*** **
Cadmium	1 or SB	NA		0.996	NA	**5.28*** **
Chromium	10 or SB	NA		10.9	NA	**50*** **
Copper	25 or SB	NA		**63.1*** **	NA	**450*** **
Lead	SB	NA		116	NA	**1070**
Mercury	0.1	NA		**0.429**	NA	**0.739**
Nickel	13 or SB	NA		9.23	NA	**190*** **
Silver	SB	NA		U	NA	U
Zinc	20 or SB	NA		**180*** **	NA	**746*** **
Volatile Organics						
Methylene Chloride	0.1	0.1		0.02B	NA	0.017B
Acetone	0.2	0.11		0.014B	NA	0.012B
Trichloroethene	0.7	0.7		U	NA	U
Tetrachloroethene	1.4	1.4		0.068	NA	U
Xylenes	1.2	1.2		U	NA	U
Toluene	1.5	1.5		U	NA	U
1,2,4-Trimethylbenzene	NA	NA		U	NA	0.002J
Carbon Disulfide	2.7	2.7		U	NA	U
2-Butanone	0.3	0.3		U	NA	U
Styrene	NA	NA		U	NA	U
p-Isopropyltoluene	NA	NA		U	NA	U
1,3-Dichlorobenzene	1.6	1.55		U	NA	U
Total Volatile Organics	10			0.073JN	NA	0.213JN
Total Petroleum Hydrocarbons				1560	NA	201

*-Above Recommended Soil Cleanup Objective standard but below MDL.
***-Above approximate site background concentration, as calculated from sample results
Bold-Exceeds Recommended Soil Cleanup Objectives
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit

SB-Site background levels
NA-Not Available
U-Not detected in sample
B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
Sample results and standards are in parts per million (ppm).

Table 2- Heavy Metal, Volatile Organic Compound, & Total Petroleum Hydrocarbon Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-6 12/15/04	NS-7 12/15/04	NS-8 12/15/04	NS-8DL 12/15/04
Heavy Metals							
Antimony	SB	NA		U	**114*** **	NA	NA
Arsenic	7.5 or SB	NA		3.02	**11.1*** **	NA	NA
Beryllium	0.16 or SB	NA		U	U	NA	NA
Cadmium	1 or SB	NA		U	1.54	NA	NA
Chromium	10 or SB	NA		13.3	**21.2*** **	NA	NA
Copper	25 or SB	NA		27.3	**72.5*** **	NA	NA
Lead	SB	NA		115	**1170*** **	NA	NA
Mercury	0.1	NA		U	**0.784**	NA	NA
Nickel	13 or SB	NA		10.4	15.1	NA	NA
Silver	SB	NA		U	U	NA	NA
Zinc	20 or SB	NA		113	**452*** **	NA	NA
Volatile Organics							
Methylene Chloride	0.1	0.1		0.084B	0.014B	0.019B	NA
Acetone	0.2	0.11		0.061B	0.024B	0.016B	NA
Trichloroethene	0.7	0.7		0.003J	U	0.001J	NA
Tetrachloroethene	1.4	1.4		U	U	U	NA
Xylenes	1.2	1.2		0.002J	U	U	NA
Toluene	1.5	1.5		0.001J	U	0.002J	NA
1,2,4-Trimethylbenzene	NA	NA		U	U	U	NA
Carbon Disulfide	2.7	2.7		U	U	U	NA
2-Butanone	0.3	0.3		U	0.002J	U	NA
Styrene				U	U	U	NA
p-Isopropyltoluene	NA	NA		U	U	U	NA
1,3-Dichlorobenzene	1.6	1.55		U	U	U	NA
Total Volatile Organic				0.173JN	0.045J	0.045JN	NA
Total Petroleum Hydrocarbons				46	118	41300	NA

*-Above Recommended Soil Cleanup Objective standard but below MDL.
***-Above approximate site background concentration, as calculated from sample results.
B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
J-Contaminant concentration found below Method Detection Limit
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
SB-Site background levels
NA-Not Available
U-Not detected in sample
Bold-Exceeds Recommended Soil Cleanup Objectives
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 2- Heavy Metal, Volatile Organic Compound, & Total Petroleum Hydrocarbon Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Date	NS-9 12/15/04	NS-10 12/15/04	TB 12/15/04
Heavy Metals						
Antimony	SB	NA		NA	**0.966*** **	NA
Arsenic	7.5 or SB	NA		NA	0.919	NA
Beryllium	0.16 or SB	NA		NA	U	NA
Cadmium	1 or SB	NA		NA	0.242	NA
Chromium	10 or SB	NA		NA	5.51	NA
Copper	25 or SB	NA		NA	46.8	NA
Lead	SB	NA		NA	115	NA
Mercury	0.1	NA		NA	**0.339**	NA
Nickel	13 or SB	NA		NA	5.55	NA
Silver	SB	NA		NA	**1.26*** **	NA
Zinc	20 or SB	NA		NA	77.6	NA
Volatile Organics						
Methylene Chloride	0.1	0.1		0.016B	0.012B	0.006B**
Acetone	0.2	0.11		0.029B	0.13B	0.005B
Trichloroethene	0.7	0.7		U	U	U
Tetrachloroethene	1.4	1.4		U	U	U
Xylenes	1.2	1.2		U	0.001J	U
Toluene	1.5	1.5		U	0.003J	U
1,2,4-Trimethylbenzene	NA	NA		U	U	U
Carbon Disulfide	2.7	2.7		U	0.003J	0.001J
2-Butanone	0.3	0.3		U	0.006J	U
Styrene				0.006	0.02	U
p-Isopropyltoluene	NA	NA		U	0.002J	U
1,3-Dichlorobenzene	1.6	1.55		U	0.1	U
Total Volatile Organic				0.006	0.415JN	0.027JN
Total Petroleum Hydrocarbons				222	181	NA

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results
B- Chemical found in associated blank.
J-Contaminant concentration found below Method Detection Limit
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality

SB-Site background levels
NA-Not Available
U-Not detected in sample
Bold-Exceeds Recommended Soil Cleanup Objectives
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Table 3-Groundwater Sample Summary Table

	Groundwater Quality	Field Sample #	NS-1W	NS-4W	TB
Chemical	**Standards**	**Sampling Date**	12/15/04	12/15/04	12/15/04
Base Neutrals					
Naphthalene	10		U	5J	NA
Phenanthrene	50		U	1J	NA
Total Base Neutrals			63B	498	NA
Heavy Metals					
Antimony	3		**14.7**	**17.5**	NA
Arsenic	25		**351**	**238**	NA
Beryllium	3		**9.74**	**11.8**	NA
Cadmium	5		U	**531**	NA
Chromium	50		**264**	**1350**	NA
Copper	200		**1030**	**8610**	NA
Lead	25		**6600**	**17300**	NA
Mercury	0.7		**17.7**	**31**	NA
Nickel	100		**258**	**596**	NA
Silver	50		U	14.4	NA
Zinc	2000		**5940**	**69700**	NA
Volatile Organics					
Methylene Chloride	5		U	U	**6B**
Acetone	50		U	U	5B
MTBE	10		5	4J	U
Tetrachloroethene	5		1	**6**	U
Total Volatile Organics	10		29JN	40JN	27JN

B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit
NA-Not Available
U-Not detected in sample
Bold-Exceeds Groundwater Quality Standards
Sample results and standards are in parts per billion (ppb).

APPENDIX A

SOIL BORING LOGS

December 15, 2004

Ney Smelting
269 Freeman St.
Brooklyn, NY

NS-1

0-4' 24" recovery
- 0-4" Dry poorly-graded angular dark olive brown (2.5Y3/3) medium silty sand The soil is covered in grey dust possibly from concrete
- 4-14" Concrete pieces
- 14-24" Dry medium-stiff brown (10YR 4/3) clay w/ silt
- PID: 2.3 ppm

4-8' 32" recovery
- 0-5" Dry poorly-graded angular dark olive brown (2.5Y3/3) medium silty sand The soil is covered in grey dust possibly from concrete
- 5-9" Dry poorly-graded angular very dark grayish brown (2.5Y3/2) medium gravelly, silty sand w/ black mottling (30%) and orange mottling (10%)
- 9-32" Dry rounded olive brown (2.5Y4/3) clayey silt w/ black mottling (5%)
- PID: 1.1 ppm

8-12' 28" recovery
- 0-3" Dry rounded olive brown (2.5Y4/3) silt w/ black mottling (5%)
- 3-11" Dry poorly-graded angular very dark grayish brown (2.5Y3/2) medium gravelly, silty sand w/ black mottling (30%) and orange mottling (10%)
- 11-18" Dry angular dark yellowish brown (10YR3/4) fine sand w/ silt
- 18-28" Wet angular dark yellowish brown (10YR3/4) fine sand w/ silt
- PID: 2.0 ppm

12-16' 24" recovery
- 0-8" Black-brown clay
- 8-24" Brown clay w/ black mottling (5%)
- PID: 0 ppm

Groundwater encountered at 9.5'
Soil sample collected at 1.5'-2.0' for BN+15, TPHC, and PPM
Soil sample collected at 9.0'-9.5' for VO+10
Groundwater sample collected for PP+40

NS-2

0-4' 12" recovery
- 0-6" Concrete
- 6-12" Dry rounded black (2.5Y2.5/1) course sand w/ yellow stones (10%)
- PID: 0 ppm

Refusal at 2'bgs
Soil sample collected at 0.5-1.0' for VO+10, BN+15, TPHC, PPM

NS-3

0-4' 29" recovery
- 0-17" Reddish brown/brown clayey sand w/ loose structure
- 17-29" Brown clayey sand w/ loose structure, black mottling (10%), and loose gravel and concrete (20%)
- PID: 0 ppm

4-8' 24" recovery
- 0-20" Brown, sandy clay w/ loose structure
- 20-24" Red clay w/ loose gravel
- PID: 0 ppm

8-12' 18" recovery
- 0-14" Sandy clay w/ loose gravel (15%)
- 14-18" Concrete
- PID: 0 ppm

Soil sample collected at 3.75-4' and 7.5-7.75' for BN+15

NS-4

0-4' 22" recovery
- 0-6" Brown, clayey sand w/ roots (5%)
- 6-12" Burnt rock/concrete
- 12-17" Dark brown sandy clay
- 17-26" Yellowish-brown clay
- PID: .7 ppm

4-8' 15" recovery
- 0-7" Moist brown, sandy clay w/ black mottling (1%)
- 7-15" Dark brown/black sandy clay w/ purple mottling (20%)
- PID: 1.2 ppm

8-12' 10" recovery
- 0-10" Dark brown sandy clay w/ orange and blue mottling (1%)
- PID: .7 ppm

12-16' 35" recovery
- 0-13" Dark brown clay w/ small pieces of loose gravel (10%)
- 13-22" Wet brown sandy clay
- 22-35" Reddish-brown sand and loose gravel (20%)
- PID: 0 ppm

Sample collected at 3.5-4' and analyzed for BN+15

NS-5

0-4' 48" recovery
- 0-21" Reddish-brown clayey sand w/ loose gravel (60%)
- 21-29" Loose gravel
- 29-33" Brown sandy clay
- 33-40" Concrete
- 40-48" Red clayey sand w/loose gravel (75%)
- PID: 0 ppm

4-8' 24" recovery
- 0-15" Red sandy clay w/ loose gravel (40%)
- 15-24" Brown sandy clay w/ loose gravel (30%)
- PID: 1 ppm

8-12' 16" recovery
- 0-8" Brown clayey sand w/ loose gravel
- 8-16" Dark brown loose sandy clay w/ loose gravels (30%) and roots (10%)
- PID: 0 ppm

Sample collected at 6-8' and analyzed for BN+15

NS-6

0-4' 43" recovery
0-15" Reddish-brown clayey sand w/ loose gravel (30%)
15-24" Reddish-brown clayey sand w/ black mottling (10%)
24-31" Reddish-brown clayey sand w/ concrete (30%)
31-43" Reddish-brown clayey sand w/ loose gravel (50%)

4-8' 27" recovery
0-15" Reddish-brown clayey sand
15-21" Loose gravel w/ concrete
21-27" Brown clayey sand w/ loose gravel (6%)

8-12' 12" recovery
0-7" Loose gravel w/ concrete
7-12" Brown sandy clay w/ burnt material

Sample collected at 11.5-12.5' and analyzed for BN+15

NS-7

0-4' 24" recovery
0-24" Reddish-brown gravelly sand

4-8' 36" recovery
0-12" Reddish-brown moist sandy clay w/ black mottling (30%)

8-12' 27" recovery
0-21" Reddish-brown moist clayey sand w/ loose gravel (10%)

12-16' 38" recovery
0-24" Clay w/ loose gravel (30%)
24-38" Brown clay

Sample collected at 9.5-10.5' and analyzed for BN+15

NS-8

0-4' 38" recovery
0-11" Concrete
11-38" Reddish-brown clayey sand w/ light brown mottle (5%)

4-8' 16" recovery
0-6" Loose gravel
6-16" Reddish-brown clayey sand

8-12" 27" recovery
0-12" Brown sand w/ loose gravel (40%)
12-27" Reddish-brown clayey sand w/ loose gravel (10%)

Sample collected at 9.5-10.5' and analyzed for BN+15

NS-9

0-4' 29" recovery
0-12" Brown/reddish-brown clayey sand w/ roots (10%) and loose gravel (20%)
12-15" Burnt material
15-27" Dark red/brown clayey sand
27-29" Concrete

4-8' 12" recovery
0-3" Reddish-brown clayey sand
3-9" Dark brown clayey sand w/ burnt material
9-12" Reddish-brown clayey sand w/ organic matter near bottom

8-12' 6" recovery
0-6" Wet brown soil

Sample collected at 11.5-12' and analyzed for BN+15

APPENDIX B

REDUCED LABORATORY DELIVERABLE PACKAGE

ACCREDITED LABORATORIES, INC.
Implementing Tomorrow's Technology, Today™....

Analytical Data Report

for

RTP Environmental Associates
239 U.S. Hwy. 22
Green Brook, NJ 08812

Project: N S B N Y - Ney Smelting

Accredited Laboratories Case No.: 6513
Date Received: 12/16/04

Field ID	Laboratory Sample #
TB	200413147
NS-1S	200413148
NS-1W	200413149
NS-2	200413150
NS-3	200413151
NS-4S	200413152
NS-4W	200413153
NS-5	200413154
NS-6	200413155
NS-7	200413156
NS-8	200413157
NS-9	200413158
NS-10	200413159

Accredited Laboratories, Inc. New York Certification Number 11109. This data has been reviewed and accepted by:

Theodore C. Gaydos
Technical Director

ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 541-2025 FAX (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY NJ (NY) PA CT DE OTHER ____

CLIENT	RTP Environmental Associates Inc.
ADDRESS	259 US Highway 22
CITY	Green Brook
STATE	NJ ZIP 08812

PROJECT	NSBNY - Navy Smelting
CONTACT	Omar Minicles
PHONE	732-968-9600
FAX	732-968-5279

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
04131147	TB	2	A		trip blank	VOC+10
04131148	NS-1S	2	S	12/15 916	263 Freeman - further point of area	TPHC, BTEX, VOC+10, PPM
04131149	NS-1W	6	A	12/15 1028	" " " "	PP+40
04131150	NS-2	2	S	12/15 1048	257 Freeman original hole	TPHC, BTEX, VOC+10 PPM
04131151	NS-3	2	S	12/15 1213	238 Eagle	" " " "
04131152	NS-4S	2	S	12/15 1301	242 Eagle basement	" " " "
04131153	NS-4W	6	A	12/15 1320	" " "	PP+40
04131154	NS-5	2	S	12/15 1403	264 Freeman	TPHC, BTEX, VOC+10, PPM
04131155	NS-6	2	S	12/15 1425	263 Freeman - near smelter	" " " "
04131156	NS-7	2	S	12/15 1442	" " smelter	" " " "
04131157	NS-8	2	S	12/15 1533	SW corner of backyard	" " "
04131158	NS-9	2	S	12/15 1548	near center of backyard	" " "
04131159	NS-10	2	S	12/15 1553	under dumpster	" " " + PP Metals

**M = MATRIX A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS TURNAROUND: TPHC - 72 hrs, everything else - 2 weeks (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) STD (REDUCED) FULL OTHER ____

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
Ed Smigel	Ed Smigel	M. VIEIRA		Ali	12/16	1300	Trans
M. VIEIRA		Joe Logan		"	"	700	"

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Omar Minicles SIGN: Omar Minicles

COMMENTS	Temp 4°C 12/23 - Client requested MTBE + TBA for samples 04131149 + 04131153

ALI QUOTE#	
ALI CASE#	6513
P.O.#	NSBNY

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MS/MSD Summary	
Method Blank	
Metals:	340
Standard Calibrations	
Blanks	
ICP Interference Check Sample	
Spike Sample Recovery	
Sample Duplicate	
Laboratory Control Sample	
ICP Serial Dilution	
General Chemistry:	355
Sample Duplicate	
MS Summary	
Total Petroleum Hydrocarbons:	357
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Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
TB	200413147	VO10	12/15/04	12/16/04
NS-1S	200413148	VO10	12/15/04	12/16/04
NS-2	200413150	VO10	12/15/04	12/16/04
NS-3	200413151	VO10	12/15/04	12/16/04
NS-4S	200413152	VO10	12/15/04	12/16/04
NS-5	200413154	VO10	12/15/04	12/16/04
NS-6	200413155	VO10	12/15/04	12/16/04
NS-7	200413156	VO10	12/15/04	12/16/04
NS-8	200413157	VO10	12/15/04	12/16/04
NS-9	200413158	VO10	12/15/04	12/16/04
NS-10	200413159	VO10	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name Joe Logan	Printed Name Gary Fisch	
		Signature Joe Logan	Signature Gary Fisch	Analysis
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 29ICOC

2

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1W	200413149	VO15	12/15/04	12/16/04
NS-4W	200413153	VO15	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/17/04		Printed Name Joe Logan	Printed Name Gary Fisch	
		Signature Joe Logan	Signature Gary Fisch	Analysis
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 29ICOC

3

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 / Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1S	200413148	BN15	12/15/04	12/16/04
NS-2	200413150	BN15	12/15/04	12/16/04
NS-3	200413151	BN15	12/15/04	12/16/04
NS-4S	200413152	BN15	12/15/04	12/16/04
NS-5	200413154	BN15	12/15/04	12/16/04
NS-6	200413155	BN15	12/15/04	12/16/04
NS-7	200413156	BN15	12/15/04	12/16/04
NS-8	200413157	BN15	12/15/04	12/16/04
NS-9	200413158	BN15	12/15/04	12/16/04
NS-10	200413159	BN15	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/20/04	6:00	Printed Name Joe Logan Signature	Printed Name E. Simko Signature	Extraction
12/20/04	8:00	Printed Name E. Simko Signature	Printed Name Joe Logan Signature	Cold Storage
		Printed Name Signature	Printed Name Signature	Extract Storage
		Printed Name E. Simko Signature	Printed Name Signature	Analysis
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 29ICOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1W	200413149	BNA25	12/15/04	12/16/04
NS-4W	200413153	BNA25	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/21/04	6:00	Printed Name: Joe Logan Signature: [signature]	Printed Name: E. Sinko Signature: [signature]	Extraction Ag-Depleted Extract Storage
		Printed Name Signature	Printed Name Signature	
12/23		Printed Name: E Sinko Signature: [signature]	Printed Name: J Muniz Signature: [signature]	Analysis
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 29ICOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: JoeLoggA Title: SRO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1W	200413149	PEST/PCB	12/15/04	12/16/04
NS-4W	200413153	PEST/PCB	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/29/04	9:30	Printed Name JoeLoggA Signature Joe Logan	Printed Name J Bustin Signature J Bustin	Extraction Aqueous Depleted Extract Storage
		Printed Name Signature	Printed Name Signature	
12/29/04	1300	Printed Name J. BUSTIN Signature J Bustin	Printed Name P. Kunkle Signature P. Kunkle	Analysis
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 29ICOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1S	200413148	PPMET	12/15/04	12/16/04
NS-1W	200413149	PPMET	12/15/04	12/16/04
NS-2	200413150	PPMET	12/15/04	12/16/04
NS-3	200413151	PPMET	12/15/04	12/16/04
NS-4S	200413152	PPMET	12/15/04	12/16/04
NS-4W	200413153	PPMET	12/15/04	12/16/04
NS-5	200413154	PPMET	12/15/04	12/16/04
NS-6	200413155	PPMET	12/15/04	12/16/04
NS-7	200413156	PPMET	12/15/04	12/16/04
NS-10	200413159	PPMET	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name Joe Logan	Printed Name L. Torres	Digestion
		Signature Joe Logan	Signature J. Flores	
12/17		Printed Name L. Torres	Printed Name Joe Logan	Cold Storage
		Signature J. Flores	Signature Joe Logan	
		Printed Name	Printed Name	digestate storage
		Signature	Signature	
12/20		Printed Name E. Flores	Printed Name L. Torres	Analysis
		Signature E. Flores	Signature J. Flores	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 29ICOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1W	200413149	CN	12/15/04	12/16/04
NS-4W	200413153	CN	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/20		Printed Name Joe Logan Signature	Printed Name R GARCIA Signature	ANALYSIS
12/20		Printed Name R GARCIA Signature	Printed Name Joe Logan Signature	COLD STORAGE
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 29ICOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. None Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 6513 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1S	200413148	TPHC	12/15/04	12/16/04
NS-2	200413150	TPHC	12/15/04	12/16/04
NS-3	200413151	TPHC	12/15/04	12/16/04
NS-4S	200413152	TPHC	12/15/04	12/16/04
NS-5	200413154	TPHC	12/15/04	12/16/04
NS-6	200413155	TPHC	12/15/04	12/16/04
NS-7	200413156	TPHC	12/15/04	12/16/04
NS-8	200413157	TPHC	12/15/04	12/16/04
NS-9	200413158	TPHC	12/15/04	12/16/04
NS-10	200413159	TPHC	12/15/04	12/16/04

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
12/17/04	10:00	Printed Name Joe Logan	Printed Name RBAUTISTA	
		Signature	Signature	EXTRACTION
12/17/04	11:00	Printed Name RBAUTISTA	Printed Name Joe Logan	
		Signature	Signature	COLD STORAGE
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 29ICOC

METHODOLOGY SUMMARY

Volatile Organics - EPA 624 (aqueous)

Volatile organic compounds are purged from a 5-ml sample by bubbling an inert gas through the aqueous sample. The purgeables are trapped in a sorbent column. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Volatile Organics - EPA 8260 (aqueous)

Volatile organic compounds are purged from a 5 ml sample by bubbling an inert gas through the aqueous sample. The purgeables are trapped in a sorbent column. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature-programmed to separate the purgeables which are then detected with a mass spectrometer.

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (aqueous)

A one liter aqueous sample is serially extracted with methylene chloride at a pH greater than 11 and again at a pH less than 2. The methylene chloride extract is dried and concentrated. The extracts are combined and spiked with the internal standards prior to the injection. A measured amount is injected into a GC and the analytes are detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

Pesticides/PCB's - EPA 8081/8082 (aqueous)

A measured volume of sample, approximately 1-L, is extracted with methylene chloride using a separatory funnel. The methylene chloride extract is dried and exchanged to hexane during concentration to a volume of 10 ml or less. The extract is separated by gas chromatography and the parameters are then measured with an electron capture detector.

Metals (aqueous)

A 100 ml portion of aqueous is digested with nitric acid on a hot plate and evaporated to near dryness cautiously. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with modifier solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized into a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of the ICAP method is the measurement of the atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 100 ml portion of sample is digested with potassium permanganate and persulfate at acidic conditions in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures associated with the Atomic Absorption technique are derived from "EPA Methods for Chemical Analysis of Water and Wastes" - EPA Method 200 Series. The analytical procedures associated with ICAP techniques are derived from EPA Method 200.7.

Metals (soil)

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with nickel nitrate solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption

of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized in a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of ICAP method is the measurement of atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 0.5-1.0 gram portion of sample is digested with potassium permanganate and persulfate at acidic condition in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures are derived from "EPA Methods for Evaluating Solid Waste, 3rd Edition, 1986" The AA technique is specified in Method 7000 series. The ICAP technique is specified in Method 6010.

Total Cyanide - EPA 335.2 (aqueous)

An appropriate volume of sample is placed into a cyanide distillation apparatus. Cyanide gas is liberated from the aqueous solution upon addition of sulfuric acid, magnesium chloride and heat. The gas is trapped in a scrubber containing sodium hydroxide solution. The concentration of cyanide in the caustic solution is determined colorimetrically according to EPA "Method for Chemical Analysis of Water and Wastewater" 1983.

Petroleum Hydrocarbons - Modified EPA 418.1 (soil)

A 30 gram portion of soil is extracted with fluorocarbon 113. Interferences are removed with silica gel adsorbent. Infrared analysis of the extract is performed by direct comparison with standards.

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:53

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:12/15/04 Date Received:12/16/04 Report Package: Reduced

Test: VO10 QC#: _____
Test Description:Volatile Organics + 10 (VO10)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	=
TB	6513	200413147	A				12/27/04	20:25	GF	
NS-1S	6513	200413148	S					21:01		Y
NS-2	6513	200413150	S					21:37		Y
NS-3	6513	200413151	S					22:13		Y
NS-4S	6513	200413152	S					22:49		Y
NS-5	6513	200413154	S				12/28/04	11:36		Y
NS-6	6513	200413155	S				12/28/04	00:01		Y
NS-7	6513	200413156	S				12/28/04	16:16		Y
NS-8	6513	200413157	S				"	12:42		Y
NS-9	6513	200413158	S				12/28/04	13:17		Y
NS-10	6513	200413159	S				"	12:51		Y

Reviewed by: _____ Date: 12/30/04

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:53

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:12/15/04 Date Received:12/16/04 Report Package: Reduced

Test: VO15 QC#:_____
Test Description:Volatile Organics + 15 (VO15)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	
NS-1W	6513	200413149	A				12/17/04	23:11	GF	
NS-4W	6513	200413153	A				"	23:47	"	

Reviewed by: DSS Date: 12/29/04

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

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Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:52

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/22/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:12/15/04 Date Received:12/16/04 Report Package: Reduced

Test: BN15 QC#: _____
Test Description:Base Neutral Compounds + 15 (BN15)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	
NS-1S	6513	200413148	S	12/20/04		B	12/22/04	20:40	JM	Y
NS-2	6513	200413150	S				12/23/04	02:34		Y
NS-3	6513	200413151	S					03:18		Y
NS-4S	6513	200413152	S				12/22/04	22:08		Y
NS-5	6513	200413154	S					22:52		Y
NS-6	6513	200413155	S					21:24		Y
NS-7	6513	200413156	S					23:37		Y
NS-8	6513	200413157	S				12/23/04	01:49		Y
NS-9	6513	200413158	S					00:21		Y
NS-10	6513	200413159	S				"	01:05		Y

Reviewed by: _____ Date: 12/30/04

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:52

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:12/15/04 Date Received:12/16/04 Report Package: Reduced

Test: BNA25 QC#: _____
Test Description:Base Neutral Acid Compounds + 25 (BNA25)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
NS-1W	6513	200413149	A	12/21/04		B.	12/23/04	00:09	MM	
NS-4W	6513	200413153	A	"		"	"	00:53	"	

Reviewed by: _____ Date: 12/29/04

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:53

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/22/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:12/15/04 Date Received:12/16/04 Report Package: Reduced

Test: PEST/PCB QC#:_____
Test Description:Pesticides/PCBs (Pest/PCB)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	x	Date	Time	Init	Date	Time	Init	
NS-1W	6513	200413149	A	12/20/04		JRB	12/30/04	12:48	PK	
NS-4W	6513	200413153	A	1		1	1	13:19	1	

Reviewed by: PK Date: 12/31/04

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:44
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-1S Case#: 6513 Sample#: 200413148
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: 04029=CV
Test Description: Priority Pollutant Metals (PPMET) 04037=ICP
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LS	12-17	LT	319-37
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	E.F.	337-24
S	Nickel	Ni						12-17	LT	319-37
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): 041216B

Reviewed by: LT Date: 12/21 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:44
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-1W Case#: 6513 Sample#: 200413149
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: 04029-CV
Test Description: Priority Pollutant Metals (PPMET) 04037-ICP
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____ LABORATORY CHRONICLE

MTX	ELEMENT	SYM	RESULT	MDL	UNITS	PREPARATION DATE	PREPARATION INIT	ANALYSIS DATE	ANALYSIS INIT	REF
A	Antimony	Sb				12-17	LT	12-17	LT	3P1-87
A	Arsenic	As								
A	Beryllium	Be								
A	Cadmium	Cd								
A	Chromium-T	Cr								
A	Copper	Cu								
A	Lead	Pb								
A	Mercury	Hg						12-20	E.F.	337-2
A	Nickel	Ni						12-17	LT	3P1-87
A	Selenium	Se								
A	Silver	Ag								
A	Thallium	Tl								
A	Zinc	Zn								

Quality control Report Number(s): 04216A

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:44
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-2 Case#: 6513 Sample#: 200413150
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LT	12-17	LT	3196-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	E.F.	7470A
S	Nickel	Ni						12-17	LT	3196-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

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Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:45
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-3 Case#: 6513 Sample#: 200413151
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		LABORATORY CHRONICLE ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12.17	LT	12-17	LT	3M-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12.20	E.F.	337-24
S	Nickel	Ni						12-17	LT	3M-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:46
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-4S Case#: 6513 Sample#: 200413152
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LT	12-17	LT	3I9-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	EF	337-24
S	Nickel	Ni						12-17	LT	3I9-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:47
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-4W Case#: 6513 Sample#: 200413153
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
A	Antimony	Sb				12 17	LT	12-17	LT	3M-87
A	Arsenic	As								
A	Beryllium	Be								
A	Cadmium	Cd								
A	Chromium-T	Cr								
A	Copper	Cu								
A	Lead	Pb								
A	Mercury	Hg						12 20	E.F.	337-29
A	Nickel	Ni						12-17	LT	3M-87
A	Selenium	Se								
A	Silver	Ag								
A	Thallium	Tl								
A	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: _____ Date: 12/21 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:47
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-5 Case#: 6513 Sample#: 200413154
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LT	12-17	LT	3M-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	E.F.	337-24
S	Nickel	Ni						12-17	LT	3M-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:48

INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04

Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**

Field#: NS-6 Case#: 6513 Sample#: 200413155

Client Sample Description:

Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____

Test Description: Priority Pollutant Metals (PPMET)

Project Name: N S B N Y - Ney Smelting

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth

Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LT	12-17	LT	319-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	E.F.	337-29
S	Nickel	Ni						12-17	LT	319-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:49
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-7 Case#: 6513 Sample#: 200413156
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12-17	LT	12-17	LT	319-87
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	ET	337-20
S	Nickel	Ni						12-17	LT	319-87
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:50
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/29/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Field#: NS-10 Case#: 6513 Sample#: 200413159
Client Sample Description:
Date Sampled: 12/15/04 Date Received: 12/16/04 Report Package: Reduced

Test: PPMET QC#: OK029-0
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
S	Antimony	Sb				12 17	LT	12-17	LT	31957
S	Arsenic	As								
S	Beryllium	Be								
S	Cadmium	Cd								
S	Chromium-T	Cr								
S	Copper	Cu								
S	Lead	Pb								
S	Mercury	Hg						12-20	EF	33729
S	Nickel	Ni						12-17	LT	31957
S	Selenium	Se								
S	Silver	Ag								
S	Thallium	Tl								
S	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LT Date: 12/29 RPT:Report02

Date: 12/16/04

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 18:47:56
Page: 2

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client Name: R T P Environmental Assoc.
Client Field Number: NS-1W Case#: 6513 Sample#: 200413149
Client Sample Description: Fax Data Due: **12/29/04**
Date Sampled: 12/15/04 Date Received: 12/16/04 Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting Report Package: Reduced
Phases: 1

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
Mtx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
A	CN	12/29/04	0.05	0.01	mg/L			12/20	ZB	335-95

Reviewed By: _____ Date: 12/20/04

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

Q
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Date: 12/16/04

Accredited Laboratories, Inc.
General Chemistry Laboratory Chronicle

Time: 18:47:58
Page: 6

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client Name: R T P Environmental Assoc.
Client Field Number: NS-4W
Case#: 6513
Sample#: 200413153
Client Sample Description:
Fax Data Due: **12/29/04**
Date Sampled: 12/15/04
Date Received: 12/16/04
Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting
Report Package: Reduced
Phases: 1

			ANALYTICAL DATA			SAMPLE PREP		SAMPLE ANALYSIS		
Mtx	Analytes	Test Due Date	RESULTS	MDL	UNITS	DATE	INIT	DATE	INIT	REF
A	CN	12/29/04	0.01	0.01	mg/L			12/20	JZ	335.4

Reviewed By: _____ Date: 12/16/04

Matrix:A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge: X=Other: RPT:Report06

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Date: 12/16/04 ACCREDITED LABORATORIES, INC. Time: 18:47:53

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY; FAX TPHC 12/21/04 PP LIST #0413149 + 3153

Client: R T P Environmental Assoc. Test Date Due: 12/22/04
Fax Data Due: **12/29/04** Hard Copy Due: **12/29/04**
Client Project Name: N S B N Y - Ney Smelting Case #: 6513

Date Sampled:12/15/04 Date Received:12/16/04 Report Pkg: Reduced

Test: TPHC Sample Matrix: S
Test Description:Total Petroleum Hydrocarbons (TPHC)

Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid By Method: _____
:F=Filters:P=Potable Water:G=Sludge:X=Other

SAMPLE IDENTIFICATION		ANALYTICAL DATA			LABORATORY CHRONICLE EXTRACTION		ANALYSIS		
Field#	Sample#	RESULT	MDL	UNITS	DATE	TIME	DATE	TIME	INIT
NS-1S	200413148	83	26	MG/KG	12-17-04		12-17-04		RB
NS-2	200413150	406	27						
NS-3	200413151	ND	26						
NS-4S	200413152	1560	27						
NS-5	200413154	201	24						
NS-6	200413155	46	22						
NS-7	200413156	118	~~21~~ 20						
NS-8	200413157	41300	20						
NS-9	200413158	222	22						
NS-10	200413159	181	24						

QUALITY CONTROL:

Method Blank : _____
Mean Percent Spike Recovery : _____
Relative Percent Difference of Duplicate Spikes : _____

Reviewed by: _____ Date: 12/20/04 RPT:Report03

CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Labs received 2 aqueous samples, 10 soil samples and 1 trip blank sample (Project: NSBNY - Ney Smelting; ALI Case #6513) from RTP Environmental Associates on 12/16/04 for the analyses of Priority Pollutants +40, Volatile Organics +10, Base Neutral Organics +15 and Total Petroleum Hydrocarbons.

All analyses were performed within the required holding time.

All soil analyses were reported on a dry weight basis.

In the Volatile Organic analysis, one surrogate (Bromofluorobenzene) for ALI Sample #0413148, 0413150, 0413157, 0413158; two surrogates (1,2-Dichloroethane-d4 and Bromofluorobenzene) for ALI Sample #0413152 and 0413155; and all three surrogates for ALI Sample #0413154 were out of criteria. ALI Sample #0413148 was used for the MS/MSD sample, and in the MS analyses the surrogate was again recovered out of the required criteria. ALI Sample #0413150, 0413152, 0413155, 0413157 and 0413158 were reanalyzed and the surrogates were again recovered out of the required criteria. ALI Sample #0413154 was reanalyzed and only one surrogate (Bromofluorobenzene) was again recovered out of the required criteria. The methylene chloride results reported are due to laboratory contamination.

In the Base Neutral analysis, two surrogates (Nitrobenzene-d5 and 2-Fluorobiphenyl) for ALI Sample 0413157 were out of criteria.

The sample was diluted and analyzed and the surrogates were again recovered out of the required criteria.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

Theodore C. Gaydos
Technical Director

Qualifiers
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in QA/QC requirements, the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2005
Issued April 29, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 United States

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Acrolein and Acrylonitrile	
Acrylonitrile	EPA 1624
	EPA 603
	EPA 624
	SW-846 8260B
Benzidines	
3,3 -Dichlorobenzidine	EPA 1625
	EPA 605
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Benzidine	EPA 1625
	EPA 1978,P.1
	EPA 605
	EPA 625
	SW-846 8270C
Chlorinated Hydrocarbon Pesticides	
4,4 -DDE	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
Chlorinated Hydrocarbon Pesticides	
4,4 -DDE	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
4,4 -DDT	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
4,4-DDD	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Aldrin	ASTM D3086-90
	EPA 608

Serial No.: 23551

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Chlorinated Hydrocarbon Pesticides	
Aldrin	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
alpha-BHC	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
beta-BHC	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
Captan	ASTM D3086-90

Chlorinated Hydrocarbon Pesticides	
Captan	SM 18-20 6630B
Chlordane Total	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
delta-BHC	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
Dieldrin	EPA 608
	EPA 625
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
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Chlorinated Hydrocarbon Pesticides	
Endosulfan I	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
Endosulfan II	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
Endosulfan sulfate	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630C
	SW-846 8081A
Endrin	ASTM D3086-90
	EPA 608

Chlorinated Hydrocarbon Pesticides	
Endrin	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Endrin aldehyde	EPA 608
	SW-846 8081A
Heptachlor	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Heptachlor epoxide	ASTM D3086-90
	EPA 608
	EPA 625
	SM 15, p. S73
	SM 18-20 6410B

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Chlorinated Hydrocarbon Pesticides	
Heptachlor epoxide	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Lindane	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
Methoxychlor	ASTM D3086-90
	SM 18-20 6630B
	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Toxaphene	ASTM D3086-90
	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
Chlorinated Hydrocarbon Pesticides	
Toxaphene	SM 18-20 6630C
	SW-846 8081A
	USGS 1972, Bk5 p.30
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 1625
	EPA 612
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
2-Chloronaphthalene	EPA 1625
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Hexachlorobenzene	EPA 1625
	EPA 612
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Hexachlorobutadiene	EPA 1625
	EPA 612
	EPA 625

Serial No.: 23551

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2005
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EPA Lab Code: NJ00273

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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Chlorinated Hydrocarbons	
Hexachlorobutadiene	SM 18-20 6410B
	SW-846 8270C
Hexachlorocyclopentadiene	EPA 1625
	EPA 612
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Hexachloroethane	EPA 1625
	EPA 612
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Chlorophenoxy Acid Pesticides	
2,4,5-T	SW-846 8151A
2,4,5-TP (Silvex)	EPA 1978, p.115
	SM 18-20 6640B
	SW-846 8151A
2,4-D	EPA 1978, p.115
	SM 18-20 6640B
	SW-846 8151A
	USGS 1972, Bk5, p.35

Demand	
Biochemical Oxygen Demand	EPA 405.1
	SM 18-20 5210 B
	USGS I-1578-78
Chemical Oxygen Demand	ASTM D1252-88A
	ASTM D1252-88B
	EPA 410.1
	EPA 410.2
	EPA 410.3
	EPA 410.4
	HACH 8000
	SM 18-20 5220 C
	SM 18-20 5220 D
	USGS I-3562-85
	USGS I-3560-85
	USGS I-3561-85
Haloethers	
4-Bromophenylphenyl ether	EPA 1625
	EPA 611
	EPA 625
	SM 18-20 6410B
	SW-846 8270C

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WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2005
Issued April 29, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 United States

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Haloethers		**Mineral**	
4-Chlorophenylphenyl ether	EPA 1625	Acidity	ASTM D1067-92
	EPA 611		EPA 305.1
	EPA 625		SM 18-20 2310B(4a)
	SM 18-20 6410B	Alkalinity	ASTM D1067-92
	SW-846 8270C		EPA 310.1
Bis (2-chloroisopropyl) ether	EPA 1625		EPA 310.2
	EPA 611		SM 18-20 2320-B
	EPA 625		USGS I-1030-85
	SM 18-20 6410B		USGS I-2030-85
	SW-846 8270C	Calcium Hardness	ASTM D511-93 B
Bis(2-chloroethoxy)methane	EPA 1625		EPA 200.7
	EPA 611		EPA 215.1
	EPA 625		SM 18-19 3111B
	SM 18-20 6410B		USGS I-3152-85
	SW-846 8270C	Chloride	ASTM D512-89A
Bis(2-chloroethyl)ether	EPA 1625		ASTM D512-89B
	EPA 611		EPA 300.0
	EPA 625		EPA 325.1
	SM 18-20 6410B		EPA 325.2
	SW-846 8270C		EPA 325.3
			LACHAT 10-117-07-1 A or B

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Mineral	
Chloride	SM 18-20 4500-Cl B
	SM 18-20 4500-Cl C
	SM 18-20 4500-Cl E
	USGS I-1183-85
	USGS I-1187-85
	USGS I-2187-85
Fluoride, Total	ASTM D1179-93B
	ASTM D1179-94 A
	EPA 340.3
	EPA 300.0
	EPA 340.1
	EPA 340.2
	LACHAT 10-109-12-2-A
	SM 18-20 4500-F D
	SM 18-20 4500-F E
	SM 18-20 4500-F-C
	USGS I-4327-85
Hardness, Total	ASTM D1126-86
	EPA 130.1
	EPA 130.2
	EPA 200.7

Mineral	
Hardness, Total	SM 18-19 3111B
	USGS I-1338-85
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 1625
	EPA 609
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
2,6-Dinitrotoluene	EPA 1625
	EPA 609
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Isophorone	EPA 1625
	EPA 609
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Nitrobenzene	EPA 1625
	EPA 609
	EPA 625

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Nitroaromatics and Isophorone	
Nitrobenzene	SM 18-20 6410B
	SW-846 8270C
Nitrosoamines	
N-Nitrosodimethylamine	EPA 1625
	EPA 607
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
N-Nitrosodi-n-propylamine	EPA 1625
	EPA 607
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
N-Nitrosodiphenylamine	EPA 1625
	EPA 607
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Nutrient	
Ammonia (as N)	ASTM D1426-89B
	EPA 350.1
Nutrient	
Ammonia (as N)	EPA 350.2
	EPA 350.3
	SM 18 4500-NH3 C
	SM 18 4500-NH3 F
	SM19-20 4500-NH3 E
	TECHNICON 379-75WE
	USGS I-3520-85
	USGS I-4523-85
Kjeldahl Nitrogen, Total	ASTM D3590-89 A
	EPA 351.1
	EPA 351.3
	SM 18 4500-NH3 C
	SM19-20 4500-NH3 E
Nitrate (as N)	ASTM D3867-90A
	ASTM D3867-90B
	EPA 300.0
	EPA 352.1
	EPA 353.1
	EPA 353.2
	EPA 353.3
	LACHAT 10-107-04-1

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Nutrient	
Nitrate (as N)	SM 18-20 4500-NO3 E
	SM 18-20 4500-NO3 F
	SM 18-20 4500-NO3 H
	USGS I-4545-85A
Nitrite (as N)	EPA 300.0
	EPA 354.1
	HACH 8507
	SM 18-20 4500-NO2 B
	USGS I-4540-85
Orthophosphate (as P)	AOAC 973.55
	ASTM D515-88 A
	EPA 300.0
	EPA 365.3
	LACHAT 10-115-01-1-A
	SM 18-20 4500-P E
	USGS I-4601-85
Phosphorus, Total	EPA 365.2
	SM 18-20 4500-P E
Phthalate Esters	
Benzyl butyl phthalate	EPA 1625
	EPA 606

Phthalate Esters	
Benzyl butyl phthalate	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Bis(2-ethylhexyl) phthalate	EPA 1625
	EPA 606
	EPA 625
	SM 18-19 6230B
	SM 18-20 6410B
	SW-846 8270C
Diethyl phthalate	EPA 1625
	EPA 606
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Dimethyl phthalate	EPA 1625
	EPA 606
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Di-n-butyl phthalate	EPA 1625
	EPA 606

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Phthalate Esters	
Di-n-butyl phthalate	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Di-n-octyl phthalate	EPA 1625
	EPA 606
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Polychlorinated Biphenyls	
PCB-1016	EPA 608
	EPA 625
	SM 18-20 6410B
	SW-846 8082
PCB-1221	EPA 608
	EPA 625
	SM 18-20 6410B
	SW-846 8082
PCB-1232	EPA 608
	EPA 625
	SM 18-20 6410B
	SW-846 8082
Polychlorinated Biphenyls	
PCB-1242	EPA 608
	EPA 625
	SM 18-20 6410B
	SW-846 8082
PCB-1248	EPA 608
	EPA 625
	SW-846 8082
PCB-1254	EPA 608
	EPA 625
	SM 18-20 6410B
	SW-846 8082
PCB-1260	EPA 608
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SW-846 8082
Polynuclear Aromatics	
Acenaphthene	ASTM D4657-92
	EPA 1625
	EPA 625
	SM 18-20 6410B

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Polynuclear Aromatics		**Polynuclear Aromatics**	
Acenaphthene	SM 18-20 6440B	Benzo(a)pyrene	EPA 1625
	SW-846 8270C		EPA 610
Acenaphthylene	ASTM D4657-92		EPA 625
	EPA 1625		SM 18-20 6410B
	EPA 625		SM 18-20 6440B
	SM 18-20 6410B		SW-846 8270C
	SW-846 8270C	Benzo(b)fluoranthene	ASTM D4657-92
Anthracene	ASTM D4657-92		EPA 1625
	EPA 1625		EPA 625
	EPA 625		SM 18-20 6410B
	SM 18-20 6410B		SM 18-20 6440B
	SM 18-20 6440B		SW-846 8270C
	SW-846 8270C	Benzo(ghi)perylene	ASTM D4657-92
Benzo(a)anthracene	ASTM D4657-92		EPA 1625
	EPA 1625		EPA 625
	EPA 610		SM 18-20 6410B
	EPA 625		SM 18-20 6440B
	SM 18-20 6410B		SW-846 8270C
	SM 18-20 6440B	Benzo(k)fluoranthene	ASTM D4657-92
	SW-846 8270C		EPA 1625
Benzo(a)pyrene	ASTM D4657-92		EPA 625

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Polynuclear Aromatics	
Benzo(k)fluoranthene	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Chrysene	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Dibenzo(a,h)anthracene	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Fluoranthene	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C

Polynuclear Aromatics	
Fluorene	ASTM D4657-92
	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Indeno(1,2,3-cd)pyrene	ASTM D4657-92
	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SW-846 8270C
Naphthalene	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Phenanthrene	ASTM D4657-92
	EPA 1625

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Polynuclear Aromatics	
Phenanthrene	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Pyrene	ASTM D4657-92
	EPA 1625
	EPA 610
	EPA 625
	SM 18-20 6410B
	SM 18-20 6440B
	SW-846 8270C
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	OLM 4.2 BNA
	SW-846 8270C
2,4,6-Trichlorophenol	EPA 1625
	EPA 604
	EPA 625
	SW-846 8270C
2,4-Dichlorophenol	EPA 1625
	EPA 604
	EPA 625

Priority Pollutant Phenols	
2,4-Dichlorophenol	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
2,4-Dimethylphenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
2,4-Dinitrophenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
2-Chlorophenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C

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Priority Pollutant Phenols	
2-Methyl-4,6-dinitrophenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
2-Nitrophenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
4-Chloro-3-methylphenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
4-Nitrophenol	EPA 1625
	EPA 604
	EPA 625
Priority Pollutant Phenols	
4-Nitrophenol	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
Pentachlorophenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6630B
	SW-846 8270C
Phenol	EPA 1625
	EPA 604
	EPA 625
	SM 18-20 6410B
	SM 18-20 6420B
	SW-846 8270C
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 1625
	EPA 601
	EPA 602
	EPA 612
	EPA 624

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Purgeable Aromatics		Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 625	1,4-Dichlorobenzene	EPA 602
	SM 18-19 6210B		EPA 612
	SM 18-19 6220 B		EPA 624
	SM 18-19 6230B		EPA 625
	SM 18-20 6410B		SM 18-19 6210B
	SW-846 8260B		SM 18-19 6220 B
	SW-846 8270C		SM 18-19 6230B
1,3-Dichlorobenzene	EPA 1625		SM 18-20 6410B
	EPA 601		SW-846 8260B
	EPA 602		SW-846 8270C
	EPA 612	Benzene	EPA 1624
	EPA 624		EPA 602
	EPA 625		EPA 624
	SM 18-19 6210B		SM 18-19 6210B
	SM 18-19 6220 B		SM 18-19 6220 B
	SM 18-19 6230B		SW-846 8260B
	SM 18-20 6410B	Chlorobenzene	EPA 1978, p. 130
	SW-846 8260B		EPA 1624
	SW-846 8270C		EPA 601
1,4-Dichlorobenzene	EPA 1625		EPA 602
	EPA 601		EPA 624

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Purgeable Aromatics	
Chlorobenzene	SM 18-19 6210B
	SM 18-19 6220 B
	SM 18-19 6230B
	SW-846 8260B
Ethyl benzene	EPA 1624
	EPA 602
	EPA 624
	SM 18-19 6210B
	SM 18-19 6220 B
	SW-846 8260B
Toluene	EPA 1624
	EPA 602
	EPA 624
	SM 18-19 6210B
	SM 18-19 6220 B
	SW-846 8260B
Total Xylenes	EPA 1624
	EPA 602
	EPA 624
	SW-846 8260B

Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
1,1,2,2-Tetrachloroethane	EPA 1978, p. 130
	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
1,1,2-Trichloroethane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
1,1-Dichloroethane	EPA 1624
	EPA 601

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Issued April 29, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 United States

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Purgeable Halocarbons	
1,1-Dichloroethane	EPA 611
	EPA 624
	SM 18-19 6210B
	SW-846 8260B
1,1-Dichloroethene	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
1,2-Dichloroethane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
1,2-Dichloropropane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B

Purgeable Halocarbons	
1,2-Dichloropropane	SW-846 8260B
2-Chloroethylvinyl ether	SM 18-19 6230B
	SW-846 8260B
Bromodichloromethane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
Bromoform	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
Bromomethane	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B

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Purgeable Halocarbons		**Purgeable Halocarbons**	
Carbon tetrachloride	EPA 1978, p. 130	Chloromethane	EPA 601
	EPA 1624		EPA 624
	EPA 601		SM 18-19 6210B
	EPA 624		SM 18-19 6230B
	SM 18-19 6210B		SW-846 8260B
	SM 18-19 6230B	cis-1,3-Dichloropropene	EPA 1624
	SW-846 8260B		EPA 601
Chloroethane	EPA 1624		EPA 624
	EPA 601		SM 18-19 6210B
	EPA 624		SM 18-19 6230B
	SM 18-19 6210B		SW-846 8260B
	SM 18-19 6230B	Dibromochloromethane	EPA 1624
	SW-846 8260B		EPA 601
Chloroform	EPA 1978, p. 130		EPA 611
	EPA 1624		EPA 624
	EPA 601		SM 18-19 6210B
	EPA 624		SW-846 8260B
	SM 18-19 6210B	Dichlorodifluoromethane	EPA 601
	SM 18-19 6230B		SM 18-19 6230B
	SW-846 8260B		SW-846 8260B
Chloromethane	EPA 1624	Methylene chloride	EPA 1978, p. 130

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Purgeable Halocarbons	
Methylene chloride	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6230B
	SW-846 8260B
Tetrachloroethene	EPA 1978, p. 130
	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
trans-1,2-Dichloroethene	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
trans-1,3-Dichloropropene	EPA 1624
	EPA 601
	EPA 624

Purgeable Halocarbons	
trans-1,3-Dichloropropene	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
Trichloroethene	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
Trichlorofluoromethane	EPA 601
	SW-846 8260B
Vinyl chloride	EPA 1624
	EPA 601
	EPA 624
	SM 18-19 6210B
	SM 18-19 6230B
	SW-846 8260B
Residue	
Solids, Total	EPA 160.3
	SM 18-20 2540B
Solids, Total Dissolved	EPA 160.1

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Residue	
Solids, Total Dissolved	SM 18-20 2540C
	USGS I-1750-85
Solids, Total Suspended	EPA 160.2
	SM 18-20 2540D
	USGS I-3765-85
TCLP Additional Compounds	
Cresol	SW-846 8270C
Methylethyl ketone (2-butanone)	SW-846 8015 B
	SW-846 8260B
Pyridine	SW-846 8260B
	SW-846 8270C
Wastewater Bacteriology	
Coliform, fecal	EPA 1978, p.124 - MF
	SM 18-20 9221 E
	SM 18-20 9222 D
Coliform, Total	EPA 1978,P.108 - MF
	EPA 1978,P.114 - MPN
	SM 18-20 9221B
	SM 18-20 9222 B
	USGS 1977, B0025-85 - MF
Standard Plate Count	SM 18 9215B

Wastewater Metals I	
Barium, Total	AES 0029
	ASTM D4382-91
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 208.1
	EPA 208.2
	SM 18-19 3111B
	SM 18-19 3113B
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3084-85
Cadmium, Total	AES 0029
	ASTM D3557-90
	ASTM D3557-90 D
	ASTM D3557-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 213.1

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Wastewater Metals I	
Cadmium, Total	EPA 213.2
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-19 3500-Cd D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-1472-85
	USGS I-3136-85
Calcium, Total	ASTM D511-93 B
	EPA 200.7
	EPA 215.1
	SM 18-19 3111B
	SW-846 6010B
	USGS I-3152-85
Chromium, Total	AES 0029
	ASTM D1687-92 B
	ASTM D1687-92C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8

Wastewater Metals I	
Chromium, Total	EPA 200.9
	EPA 218.1
	EPA 218.2
	EPA 218.3
	LACHAT 10-124-13-1-A
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-19 3500-Cr D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3236-85
Copper, Total	ASTM D1688-90
	ASTM D1688-90 (C)
	ASTM D1688-90B
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 220.1
	EPA 220.2

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Wastewater Metals I		Wastewater Metals I	
Copper, Total	HACH 8506	Iron, Total	SM 18-19 3113B
	SM 18-19 3111B		SM 18-19 3500-Fe D
	SM 18-19 3111C		SM 18-20 3120B
	SM 18-19 3113B		SW-846 6010B
	SM 18-19 3500-Cu D		USGS I-3381-85
	SM 18-20 3120B	Lead, Total	AES 0029
	SW-846 6010B		ASTM D3559-90A
Iron, Total	AES 0029		ASTM D3559-90B
	AOAC 973.27		ASTM D3559-90C
	ASTM D1068-90A		ASTM D3559-90D
	ASTM D1068-90B		ASTM D4190-88
	ASTM D1068-90C		EPA 200.7
	ASTM D1068-90D		EPA 200.8
	ASTM D4190-88		EPA 200.9
	EPA 200.7		EPA 239.1
	EPA 200.9		EPA 239.2
	EPA 236.1		SM 18-19 3111C
	EPA 236.2		SM 18-19 3113B
	HACH 8008		SM 18-19 3500-Pb D
	SM 18-19 3111B		SM 18-20 3120B
	SM 18-19 3111C		SW-846 6010B

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Wastewater Metals I	
Lead, Total	USGS I-3399-85
Magnesium, Total	AES 0029
	ASTM D511-93 B
	EPA 200.7
	EPA 242.1
	SM 18-19 3111B
	SM 18-19 3500-Mg D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3447-85
Manganese, Total	AES 0029
	AOAC 974.27
	ASTM D4190-88
	ASTM D858-90A
	ASTM D858-90B
	ASTM D858-90C
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 243.1
	HACH 8034

Wastewater Metals I	
Manganese, Total	SM 18-19 3111B
	SM 18-19 3113B
	SM 18-19 3500-Mn D
	SM 18-20 3120B
	SW-846 6010B
Nickel, Total	AES 0029
	ASTM D1886-90 A
	ASTM D1886-90B
	ASTM D1886-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 249.1
	EPA 249.2
	SM 17 3500-Ni D
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-20 3120B
	SW-846 6010B

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Wastewater Metals I	
Nickel, Total	USGS I-3499-85
Potassium, Total	EPA 200.7
	EPA 258.1
	SM 14 317B,p.235
	SM 18-19 3111B
	SM 18-19 3500-K D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3630-85
Silver, Total	AES 0029
	AOAC 974.27
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 272.1
	EPA 272.2
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-20 3120B
	SW-846 6010B

Wastewater Metals I	
Silver, Total	USGS I-3720-85
Sodium, Total	AES 0029
	AOAC 973.54
	EPA 200.7
	EPA 273.1
	SM 18-19 3111B
	SM 18-19 3500-Na D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3735-85
Wastewater Metals II	
Aluminum, Total	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 202.1
	EPA 202.2
	SM 18-19 3111B
	SM 18-19 3113B
	SM 18-19 3500-A D
	SM 18-20 3120B

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Wastewater Metals II		**Wastewater Metals II**	
Aluminum, Total	SW-846 6010B	Arsenic, Total	SM 18-19 3114B
	USGS I-3051-85		SM 18-20 3120B
Antimony, Total	EPA 200.7		SW-846 6010B
	EPA 200.8		USGS I-3060-85
	EPA 200.9		USGS I-3062-85
	EPA 204.1	Beryllium, Total	AES 0029
	EPA 204.2		ASTM D3645-88B
	SM 18-19 3111B		ASTM D3645-93 A
	SM 18-20 3120B		ASTM D4190-88
	SW-846 6010B		EPA 200.7
Arsenic, Total	ASTM D297288A		EPA 200.8
	ASTM D2972-93B		EPA 200.9
	ASTM D2972-93C		EPA 210.1
	EPA 200.7		EPA 210.2
	EPA 200.8		SM 18-19 3111B
	EPA 200.9		SM 18-19 3113B
	EPA 206.2		SM 18-19 3500-Be-D
	EPA 206.3		SM 18-20 3120B
	EPA 206.4		SW-846 6010B
	EPA 206.5		USGS I-3095-85
	SM 18-19 3113B	Chromium VI	ASTM D1687-92A

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Wastewater Metals II	
Chromium VI	EPA 218.4
	EPA 218.6
	SM 18-19 3111C
	SW-846 7195
	SW-846 7196A
	USGS I-1230-85
	USGS I-1232-85
Mercury, Total	ASTM D3223-91
	EPA 1631E
	EPA 200.8
	EPA 245.1
	EPA 245.2
	SM 18-19 3112B
	SW-846 7470A
	USGS I-3462-85
Selenium, Total	ASTM D3859-88-93 A
	EPA 200.7
	EPA 200.8
	EPA 270.2
	SM 18-19 3113B
	SM 18-19 3114B

Wastewater Metals II	
Selenium, Total	SM 18-20 3120B
	SW-846 6010B
	USGS I-3667-85
Vanadium, Total	AES 0029
	EPA 200.7
	EPA 200.8
	EPA 286.1
	EPA 286.2
	SM 18-19 3111B
	SM 18-19 3500-V D
	SM 18-20 3120B
	SW-846 6010B
Zinc, Total	AES 0029
	ASTM D1691-90A
	ASTM D1691-90B
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 289.1
	EPA 289.2
	HACH 8009

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Wastewater Metals II	
Zinc, Total	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3500-Zn E
	SM 18-19 3500-Zn F
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3900-85
Wastewater Metals III	
Cobalt, Total	AES 0029
	ASTM D3558-90
	ASTM D3558-90B
	ASTM D3558-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 219.1
	EPA 219.2
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B

Wastewater Metals III	
Cobalt, Total	SM 18-20 3120B
	SW-846 6010B
	USGS I-3239-85
Gold, Total	AES 0029
	EPA 231.1
	EPA 231.2
	SM 18-19 3111B
Molybdenum, Total	AES 0029
	EPA 200.7
	EPA 246.1
	EPA 246.2
	SM 18-19 3111B
	SM 18-19 3113B
	SM 18-20 3120B
	SW-846 6010B
	USGS I-3490-85
Palladium, Total	AES 0029
	EPA 255.2
Platinum, Total	AES 0029
	EPA 255.1
	EPA 255.2

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Wastewater Metals III	
Platinum, Total	SM 18-19 3111B
Thallium, Total	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 279.1
	EPA 279.2
	SM 18-19 3111B
	SM 18-20 3120B
	SW-846 6010B
Tin, Total	EPA 200.7
	EPA 200.9
	EPA 282.1
	EPA 282.2
	SM 18-19 3111B
	SM 18-19 3113B
	SW-846 6010B
	USGS I-3850-78
Titanium, Total	AES 0029
	EPA 200.7
	EPA 283.1
	EPA 283.2
Wastewater Metals III	
Titanium, Total	SM 18-19 3111B
	SW-846 6010B
Wastewater Miscellaneous	
Boron, Total	AES 0029
	ASTM D4190-88
	EPA 200.7
	EPA 212.3
	SM 18-20 3120B
	SM 18-20 4500-B B
	SW-846 6010B
	USGS I-3112-85
Color	EPA 110.1
	EPA 110.2
	EPA 110.3
	SM 18-20 2120B
	SM 18-20 2120C
	SM 18-20 2120E
	USGS I-1250-85
Cyanide, Total	ASTM D2036-91A
	EPA 335.2
	EPA 335.3

Serial No.: 23551

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2005
Issued April 29, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 United States

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Wastewater Miscellaneous	
Cyanide, Total	LACHAT 10-204-00-1-A
	SM 18-20 4500-CN D
	SM 18-20 4500-CN E
	SM 18-20 4500-CN G
	SW-846 9010B
	USGS I-3300-85
Hydrogen Ion (pH)	ASTM D1293-84A/B
	EPA 150.1
	SM 18-20 4500-H B
	SW-846 9040B
	USGS I-1586-85
Oil & Grease Total Recoverable	EPA 1664-A
	EPA 413.1
	SM 18-20 5520 B
Organic Carbon, Total	ASTM D2579-85A
	ASTM D2579-85B
	EPA 415.1
	SM 18-20 5310 B
	SM 18-20 5310 C
	SM 18-20 5310 D
Phenols	EPA 420.1

Wastewater Miscellaneous	
Silica, Dissolved	ASTM D859-95
	EPA 200.7
	EPA 370.1
	SM 18-19 4500-Si D
	SM 18-20 3120B
	SW-846 6010B
	USGS I-1700-85
	USGS I-2700-85
Specific Conductance	ASTM D1125-91A
	EPA 120.1
	SM 18-20 2510B
	USGS I-2781-85
Sulfide (as S)	EPA 376.1
	EPA 376.2
	SM 18 4500-S E
	SM 18-20 4500-S D
	USGS I-3840-85
Temperature	EPA 170.1
	SM 18-20 2550B
	USGS 1975, Bk 1,Ch D1

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is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Acrolein and Acrylonitrile	
Acrolein	SW-846 8260B
	SW-846 8316
Acrylonitrile	SW-846 8260B
	SW-846 8316
Characteristic Testing	
Corrosivity	SW-846 1110
E.P. Toxicity	SW-846 1310
Ignitability	SW-846 1010
	SW-846 1020
Reactivity	SW-846 Ch7, Sec. 7.3
TCLP	SW-846 1311
Chlorinated Hydrocarbon Pesticides	
4,4 -DDE	SW-846 8081A
	SW-846 8270C
4,4 -DDT	SW-846 8081A
	SW-846 8270C
4,4-DDD	SW-846 8081A
	SW-846 8270C
Aldrin	SW-846 8081A
	SW-846 8270C
alpha-BHC	SW-846 8081A

Chlorinated Hydrocarbon Pesticides	
alpha-BHC	SW-846 8270C
beta-BHC	SW-846 8081A
	SW-846 8270C
Chlordane Total	SW-846 8081A
	SW-846 8270C
delta-BHC	SW-846 8081A
	SW-846 8270C
Dieldrin	SW-846 8081A
	SW-846 8270C
Endosulfan I	SW-846 8081A
	SW-846 8270C
Endosulfan II	SW-846 8081A
	SW-846 8270C
Endosulfan sulfate	SW-846 8081A
	SW-846 8270C
Endrin	SW-846 8081A
	SW-846 8270C
Endrin aldehyde	SW-846 8081A
	SW-846 8270C
Heptachlor	SW-846 8081A
	SW-846 8270C

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Chlorinated Hydrocarbon Pesticides	
Heptachlor epoxide	SW-846 8081A
	SW-846 8270C
Lindane	SW-846 8081A
	SW-846 8270C
Methoxychlor	SW-846 8081A
	SW-846 8270C
Toxaphene	SW-846 8081A
	SW-846 8270C
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	SW-846 8121
	SW-846 8270C
2-Chloronaphthalene	SW-846 8121
	SW-846 8270C
Hexachlorobenzene	SW-846 8121
	SW-846 8270C
Hexachlorobutadiene	SW-846 8121
Hexachlorocyclopentadiene	SW-846 8121
	SW-846 8270C
Hexachloroethane	SW-846 8121
	SW-846 8270C
Haloethers	
Bis (2-chloroisopropyl) ether	SW-846 8121
	SW-846 8270C
Bis(2-chloroethoxy)methane	SW-846 8121
	SW-846 8270C
Metals I	
Barium, Total	SW-846 6010B
Cadmium, Total	SW-846 6010B
Chromium, Total	SW-846 6010B
Lead, Total	SW-846 6010B
Nickel, Total	SW-846 6010B
Silver, Total	SW-846 6010B
	SW-846 6020
	SW-846 7760A
Metals II	
Antimony, Total	SW-846 6010B
	SW-846 6020
	SW-846 7040
	SW-846 7041
	SW-846 7062
Arsenic, Total	SW-846 6010B
Chromium VI	SW-846 7190

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Metals II	
Chromium VI	SW-846 7191
	SW-846 7195
	SW-846 7196A
	SW-846 7197
	SW-846 7198
	SW-846 7199
Mercury, Total	SW-846 7471A
	SW-846 7472
Selenium, Total	SW-846 6010B
	SW-846 6020
	SW-846 7740
	SW-846 7741A
Miscellaneous	
Cyanide, Total	SW-846 9010B
	SW-846 9012A
	SW-846 9014
Hydrogen Ion (pH)	SW-846 9040B
	SW-846 9045C
Lead in Paint	ASTM D3335-85A
	SM 18-19 3111B
	SM 18-20 3120B
Miscellaneous	
Sulfide (as S)	SW-846 9030B
	SW-846 9034
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	SW-846 8091
	SW-846 8270C
2,6-Dinitrotoluene	SW-846 8091
	SW-846 8270C
Isophorone	SW-846 8091
	SW-846 8270C
Nitrobenzene	SW-846 8091
	SW-846 8270C
Phthalate Esters	
Benzyl butyl phthalate	SW-846 8270C
Bis(2-ethylhexyl) phthalate	SW-846 8270C
Diethyl phthalate	SW-846 8270C
Dimethyl phthalate	SW-846 8270C
Di-n-butyl phthalate	SW-846 8270C
Di-n-octyl phthalate	SW-846 8061A
	SW-846 8270C

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Polychlorinated Biphenyls	
PCB-1016	SW-846 8082
	SW-846 8270C
PCB-1221	SW-846 8082
PCB-1232	SW-846 8082
	SW-846 8270C
PCB-1242	SW-846 8082
	SW-846 8270C
PCB-1248	SW-846 8082
	SW-846 8270C
PCB-1254	SW-846 8082
	SW-846 8270C
PCB-1260	SW-846 8082
Polynuclear Aromatic Hydrocarbons	
Acenaphthene	SW-846 8270C
	SW-846 8310
Acenaphthylene	SW-846 8270C
	SW-846 8310
Anthracene	SW-846 8270C
	SW-846 8310
Benzo(a)anthracene	SW-846 8270C
	SW-846 8310

Polynuclear Aromatic Hydrocarbons	
Benzo(a)pyrene	SW-846 8270C
	SW-846 8310
Benzo(b)fluoranthene	SW-846 8270C
	SW-846 8310
Benzo(ghi)perylene	SW-846 8270C
	SW-846 8310
Chrysene	SW-846 8270C
	SW-846 8310
Dibenzo(a,h)anthracene	SW-846 8270C
	SW-846 8310
Fluoranthene	SW-846 8270C
	SW-846 8310
Fluorene	SW-846 8270C
	SW-846 8310
Indeno(1,2,3-cd)pyrene	SW-846 8270C
	SW-846 8310
Naphthalene	SW-846 8270C
	SW-846 8310
Phenanthrene	SW-846 8270C
	SW-846 8310
Pyrene	SW-846 8270C

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Polynuclear Aromatic Hydrocarbons	
Pyrene	SW-846 8310
Priority Pollutant Phenols	
2,4,6-Trichlorophenol	SW-846 8041
2,4-Dichlorophenol	SW-846 8041
	SW-846 8270C
2,4-Dimethylphenol	SW-846 8041
	SW-846 8270C
2,4-Dinitrophenol	SW-846 8041
	SW-846 8270C
2-Chlorophenol	SW-846 8041
	SW-846 8270C
2-Methyl-4,6-dinitrophenol	SW-846 8041
	SW-846 8270C
2-Nitrophenol	SW-846 8041
	SW-846 8270C
4-Chloro-3-methylphenol	SW-846 8041
	SW-846 8270C
4-Nitrophenol	SW-846 8041
	SW-846 8270C
Pentachlorophenol	SW-846 8041
	SW-846 8270C

Priority Pollutant Phenols	
Phenol	SW-846 8041
Purgeable Aromatics	
1,2-Dichlorobenzene	SW-846 8021B
	SW-846 8260B
1,3-Dichlorobenzene	SW-846 8021B
	SW-846 8260B
1,4-Dichlorobenzene	SW-846 8021B
	SW-846 8260B
Benzene	SW-846 8021B
	SW-846 8260B
Chlorobenzene	SW-846 8021B
	SW-846 8260B
Ethyl benzene	SW-846 8021B
	SW-846 8260B
Toluene	SW-846 8021B
	SW-846 8260B
Total Xylenes	SW-846 8021B
	SW-846 8260B
Purgeable Halocarbons	
1,1,1-Trichloroethane	SW-846 8021B
	SW-846 8260B

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
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Purgeable Halocarbons	
1,1,2,2-Tetrachloroethane	SW-846 8021B
	SW-846 8260B
1,1,2-Trichloroethane	SW-846 8021B
	SW-846 8260B
1,1-Dichloroethane	SW-846 8021B
	SW-846 8260B
1,1-Dichloroethene	SW-846 8021B
	SW-846 8260B
1,2-Dichloroethane	SW-846 8021B
	SW-846 8260B
1,2-Dichloropropane	SW-846 8021B
	SW-846 8260B
2-Chloroethylvinyl ether	SW-846 8021B
	SW-846 8260B
Bromodichloromethane	SW-846 8021B
	SW-846 8260B
Bromoform	SW-846 8021B
	SW-846 8260B
Bromomethane	SW-846 8021B
	SW-846 8260B
Carbon tetrachloride	SW-846 8021B

Purgeable Halocarbons	
Carbon tetrachloride	SW-846 8260B
Chloroethane	SW-846 8021B
	SW-846 8260B
Chloroform	SW-846 8021B
	SW-846 8260B
Chloromethane	SW-846 8021B
	SW-846 8260B
cis-1,3-Dichloropropene	SW-846 8260B
Dibromochloromethane	SW-846 8021B
	SW-846 8260B
Dichlorodifluoromethane	SW-846 8021B
	SW-846 8260B
Methylene chloride	SW-846 8021B
	SW-846 8260B
Tetrachloroethene	SW-846 8021B
	SW-846 8260B
trans-1,3-Dichloropropene	SW-846 8260B
Trichloroethene	SW-846 8021B
	SW-846 8260B
Trichlorofluoromethane	SW-846 8021B
	SW-846 8260B

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
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Purgeable Halocarbons

Vinyl chloride	SW-846 8021B
	SW-846 8260B

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0413147

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5836.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	5	B
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0413147

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5836.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0413147

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5836.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.79	16	JN

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5837.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 23 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	32	U
107131	Acrylonitrile	7	U
67641	Acetone	22	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	31	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	2	J
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	2	J

03

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1S

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5837.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 23 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	2	J
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-1S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5837.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 23 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.80	37	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1W

Lab Name: ACREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 0413149

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5674.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
107028	Acrolein	6	U
107131	Acrylonitrile	7	U
75718	Dichlorodifluoromethane	2	U
74873	Chloromethane	2	U
74839	Bromomethane	2	U
75014	Vinyl Chloride	2	U
75003	Chloroethane	2	U
75092	Methylene Chloride	1	U
75694	Trichlorofluoromethane	0.4	U
75354	1,1-Dichloroethene	0.4	U
75343	1,1-Dichloroethane	0.4	U
75650	T-butyl alcohol	10	U
156606	trans-1,2-Dichloroethene	0.4	U
67663	Chloroform	0.4	U
107062	1,2-Dichloroethane	0.4	U
1634044	Methyl t-butyl ether	5	?
71556	1,1,1-Trichloroethane	0.4	U
56235	Carbon Tetrachloride	0.4	U
75274	Bromodichloromethane	0.4	U
78875	1,2-Dichloropropane	0.4	U
10061015	cis-1,3-Dichloropropene	0.4	U
79016	Trichloroethene	0.4	U
71432	Benzene	0.4	U
124481	Dibromochloromethane	0.4	U
10061026	trans-1,3-Dichloropropene	0.4	U
79005	1,1,2-Trichloroethane	0.4	U
110758	2-Chloroethylvinylether	2	U
75252	Bromoform	0.4	U
127184	Tetrachloroethene	1	
79345	1,1,2,2-Tetrachloroethane	50	U
108883	Toluene	0.4	U
108907	Chlorobenzene	0.4	U
100414	Ethylbenzene	1	U
95501	1,2-Dichlorobenzene	0.4	U
541731	1,3-Dichlorobenzene	0.4	U
106467	1,4-Dichlorobenzene	0.4	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-1W

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0413149

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5674.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.80	23	JN

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5838.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 9.7 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	16	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	250	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	4	J
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	1	J
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	32	

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5838.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 9.7 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	2	J
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	1	J
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-2

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5838.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 9.7 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.80	33	JN
2. 000110-54-3	Hexane	4.20	39	JN
3. 000091-20-3	Naphthalene	17.49	12	JN

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5852.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 9.7 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	9	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	140	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	3	JB
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	1	J
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	18	

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5852.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 9.7 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	2	J
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	1	J
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5839.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 25 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	33	U
107131	Acrylonitrile	7	U
67641	Acetone	54	B
75718	Dichlorodifluoromethane	7	U
74873	Chloromethane	7	U
67-64-1	Vinyl Chloride	7	U
74839	Bromomethane	7	U
75003	Chloroethane	7	U
75694	Trichoroflouromethane	7	U
75354	1,1-Dichloroethene	7	U
75150	Carbon disulfide	1	J
75092	Methylene Chloride	86	B
156605	trans-1,2-Dichloroethene	7	U
75343	1,1-Dichloroethane	7	U
108054	Vinyl acetate	7	U
590207	2,2-Dichloropropane	7	U
789333	2-Butanone	7	U
156592	cis-1,2-Dichloroethene	7	U
67-66-3	Chloroform	7	U
74975	Bromochloromethane	7	U
71556	1,1,1-Trichloroethane	7	U
563586	1,1-Dichloropropene	7	U
56235	Carbon Tetrachloride	7	U
107062	1,2-Dichloroethane	7	U
71432	Benzene	7	U
79016	Trichloroethene	2	J
78875	1,2-Dichloropropane	7	U
75274	Bromodichloromethane	7	U
74953	Dibromomethane	7	U
110758	2-Chloroethylvinylether	7	U
10061015	cis-1,3-dichloropropene	7	U
108883	Toluene	7	U
10061026	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
108101	4-Methyl-2-pentanone	7	U
106934	1,2-Dibromoethane	7	U
591786	2-Hexanone	7	U
142289	1,3-dichloropropane	7	U
127184	Tetrachloroethene	2	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5839.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 25 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	7	U
100414	Ethylbenzene	7	U
108907	Chlorobenzene	7	U
630206	1,1,1,2-Tetrachloroethane	7	U
1330207	m,p-Xylene	13	U
95476	o-Xylene	7	U
100425	Styrene	7	U
75252	Bromoform	7	U
98828	Isopropylbenzene	7	U
79345	1,1,2,2-Tetrachloroethane	7	U
96184	1,2,3-Trichloropropane	7	U
103651	n-Propyl benzene	7	U
108861	Bromobenzene	7	U
108678	1,3,5-Trimethylbenzene	7	U
95498	2-Chlorotoluene	7	U
106434	4-Chlorotoluene	7	U
98066	tert-Butylbenzene	7	U
95636	1,2,4-Trimethylbenzene	7	U
135988	sec-Butylbenzene	7	U
99876	p-Isopropyltoluene	7	U
541731	1,3-Dichlorobenzene	7	U
106467	1,4-Dichlorobenzene	7	U
104518	n-Butylbenzene	7	U
95501	1,2-Dichlorobenzene	7	U
96128	1,2-Dibromo-3-Chloropropane	7	U
120821	1,2,4-Trichlorobenzene	7	U
87683	Hexachlorobutadiene	7	U
87616	1,2,3-Trichlorobenzene	7	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-3

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5839.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 25 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.81	22	JN
2.	unknown	14.69	8	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5840.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 28.4 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	35	U
107131	Acrylonitrile	8	U
67641	Acetone	14	B
75718	Dichlorodifluoromethane	7	U
74873	Chloromethane	7	U
67-64-1	Vinyl Chloride	7	U
74839	Bromomethane	7	U
75003	Chloroethane	7	U
75694	Trichoroflouromethane	7	U
75354	1,1-Dichloroethene	7	U
75150	Carbon disulfide	7	U
75092	Methylene Chloride	20	B
156605	trans-1,2-Dichloroethene	7	U
75343	1,1-Dichloroethane	7	U
108054	Vinyl acetate	7	U
590207	2,2-Dichloropropane	7	U
789333	2-Butanone	7	U
156592	cis-1,2-Dichloroethene	7	U
67-66-3	Chloroform	7	U
74975	Bromochloromethane	7	U
71556	1,1,1-Trichloroethane	7	U
563586	1,1-Dichloropropene	7	U
56235	Carbon Tetrachloride	7	U
107062	1,2-Dichloroethane	7	U
71432	Benzene	7	U
79016	Trichloroethene	7	U
78875	1,2-Dichloropropane	7	U
75274	Bromodichloromethane	7	U
74953	Dibromomethane	7	U
110758	2-Chloroethylvinylether	7	U
10061015	cis-1,3-dichloropropene	7	U
108883	Toluene	7	U
10061026	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
108101	4-Methyl-2-pentanone	7	U
106934	1,2-Dibromoethane	7	U
591786	2-Hexanone	7	U
142289	1,3-dichloropropane	7	U
127184	Tetrachloroethene	68	

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5840.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 28.4 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	7	U
100414	Ethylbenzene	7	U
108907	Chlorobenzene	7	U
630206	1,1,1,2-Tetrachloroethane	7	U
1330207	m,p-Xylene	14	U
95476	o-Xylene	7	U
100425	Styrene	7	U
75252	Bromoform	7	U
98828	Isopropylbenzene	7	U
79345	1,1,2,2-Tetrachloroethane	7	U
96184	1,2,3-Trichloropropane	7	U
103651	n-Propyl benzene	7	U
108861	Bromobenzene	7	U
108678	1,3,5-Trimethylbenzene	7	U
95498	2-Chlorotoluene	7	U
106434	4-Chlorotoluene	7	U
98066	tert-Butylbenzene	7	U
95636	1,2,4-Trimethylbenzene	7	U
135988	sec-Butylbenzene	7	U
99876	p-Isopropyltoluene	7	U
541731	1,3-Dichlorobenzene	7	U
106467	1,4-Dichlorobenzene	7	U
104518	n-Butylbenzene	7	U
95501	1,2-Dichlorobenzene	7	U
96128	1,2-Dibromo-3-Chloropropane	7	U
120821	1,2,4-Trichlorobenzene	7	U
87683	Hexachlorobutadiene	7	U
87616	1,2,3-Trichlorobenzene	7	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-4S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5840.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 28.4 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.80	30	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5854.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 28.4 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	35	U
107131	Acrylonitrile	8	U
67641	Acetone	13	B
75718	Dichlorodifluoromethane	7	U
74873	Chloromethane	7	U
67-64-1	Vinyl Chloride	7	U
74839	Bromomethane	7	U
75003	Chloroethane	7	U
75694	Trichoroflouromethane	7	U
75354	1,1-Dichloroethene	7	U
75150	Carbon disulfide	7	U
75092	Methylene Chloride	14	B
156605	trans-1,2-Dichloroethene	7	U
75343	1,1-Dichloroethane	7	U
108054	Vinyl acetate	7	U
590207	2,2-Dichloropropane	7	U
789333	2-Butanone	7	U
156592	cis-1,2-Dichloroethene	7	U
67-66-3	Chloroform	7	U
74975	Bromochloromethane	7	U
71556	1,1,1-Trichloroethane	7	U
563586	1,1-Dichloropropene	7	U
56235	Carbon Tetrachloride	7	U
107062	1,2-Dichloroethane	7	U
71432	Benzene	7	U
79016	Trichloroethene	7	U
78875	1,2-Dichloropropane	7	U
75274	Bromodichloromethane	7	U
74953	Dibromomethane	7	U
110758	2-Chloroethylvinylether	7	U
10061015	cis-1,3-dichloropropene	7	U
108883	Toluene	7	U
10061026	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
108101	4-Methyl-2-pentanone	7	U
106934	1,2-Dibromoethane	7	U
591786	2-Hexanone	7	U
142289	1,3-dichloropropane	7	U
127184	Tetrachloroethene	49	

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5854.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 28.4 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	7	U
100414	Ethylbenzene	7	U
108907	Chlorobenzene	7	U
630206	1,1,1,2-Tetrachloroethane	7	U
1330207	m,p-Xylene	14	U
95476	o-Xylene	7	U
100425	Styrene	7	U
75252	Bromoform	7	U
98828	Isopropylbenzene	7	U
79345	1,1,2,2-Tetrachloroethane	7	U
96184	1,2,3-Trichloropropane	7	U
103651	n-Propyl benzene	7	U
108861	Bromobenzene	7	U
108678	1,3,5-Trimethylbenzene	7	U
95498	2-Chlorotoluene	7	U
106434	4-Chlorotoluene	7	U
98066	tert-Butylbenzene	7	U
95636	1,2,4-Trimethylbenzene	7	U
135988	sec-Butylbenzene	7	U
99876	p-Isopropyltoluene	7	U
541731	1,3-Dichlorobenzene	7	U
106467	1,4-Dichlorobenzene	7	U
104518	n-Butylbenzene	7	U
95501	1,2-Dichlorobenzene	7	U
96128	1,2-Dibromo-3-Chloropropane	7	U
120821	1,2,4-Trichlorobenzene	7	U
87683	Hexachlorobutadiene	7	U
87616	1,2,3-Trichlorobenzene	7	U

1A

EPA SAMPLE

VOLATILE ORGANICS ANALYSIS DATA SHEET

MS-4W

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0413153

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5675.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
107028	Acrolein	6	U
107131	Acrylonitrile	7	U
75718	Dichlorodifluoromethane	2	U
74873	Chloromethane	2	U
74839	Bromomethane	2	U
75014	Vinyl Chloride	2	U
75003	Chloroethane	2	U
75092	Methylene Chloride	1	U
75694	Trichlorofluoromethane	0.4	U
75354	1,1-Dichloroethene	0.4	U
75343	1,1-Dichloroethane	0.4	U
75650	T-butyl alcohol	10	U
156606	trans-1,2-Dichloroethene	0.4	U
67663	Chloroform	0.4	U
107062	1,2-Dichloroethane	0.4	U
1634044	Methyl t-butyl ether	4	J
71556	1,1,1-Trichloroethane	0.4	U
56235	Carbon Tetrachloride	0.4	U
75274	Bromodichloromethane	0.4	U
78875	1,2-Dichloropropane	0.4	U
10061015	cis-1,3-Dichloropropene	0.4	U
79016	Trichloroethene	0.4	U
71432	Benzene	0.4	U
124481	Dibromochloromethane	0.4	U
10061026	trans-1,3-Dichloropropene	0.4	U
79005	1,1,2-Trichloroethane	0.4	U
110758	2-Chloroethylvinylether	2	U
75252	Bromoform	0.4	U
127184	Tetrachloroethene	6	
79345	1,1,2,2-Tetrachloroethane	50	U
108883	Toluene	0.4	U
108907	Chlorobenzene	0.4	U
100414	Ethylbenzene	1	U
95501	1,2-Dichlorobenzene	0.4	U
541731	1,3-Dichlorobenzene	0.4	U
106467	1,4-Dichlorobenzene	0.4	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MS-4W

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0413153

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5675.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.82	26	JN
2. 000091-20-3	Naphthalene	17.50	4	JN

92

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7756.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	30	U
107131	Acrylonitrile	6	U
67641	Acetone	12	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	17	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7756.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	2	J
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7756.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane (CAS) $$ n-Hexane $$ S	5.27	7	JN
2.	unknown hydrocarbon	18.12	30	J
3.	unknown	21.71	18	J
4. 000638-68-6	Triacontane (CAS) $$ n-Triacont	22.19	58	JN
5.	unknown	24.03	22	J
6.	unknown hydrocarbon	24.34	47	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7764.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 16.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	30	U
107131	Acrylonitrile	6	U
67641	Acetone	10	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	16	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7764.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	2	J
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

97

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5842.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 11.4 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	61	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	84	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	3	J
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	1	J
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5842.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 11.4 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	2	J
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-6

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5842.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 11.4 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.80	22	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7757.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 11.4 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	36	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	56	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	4	JB
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	2	J
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7757.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 11.4 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	3	J
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-7

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7765.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 3.9 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	26	U
107131	Acrylonitrile	6	U
67641	Acetone	24	B
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	14	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	2	J
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-7

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7765.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 3.9 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-7

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7765.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 3.9 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	24.32	7	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7758.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 1 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	4	JB
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	3	J
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	13	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	1	JB
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	2	J
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7758.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 1 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7758.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 1 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	3.60	7	JN
2. 000110-54-3	Hexane (CAS) $$ n-Hexane $$ S	5.28	19	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7766.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 1 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	16	B
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	2	J
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	19	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	1	J
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	3	J
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7766.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 1 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5849.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 8.2 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	27	U
107131	Acrylonitrile	6	U
67641	Acetone	29	B
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	12	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5849.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 8.2 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	11	U
95476	o-Xylene	5	U
100425	Styrene	6	
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-9

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5849.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 8.2 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7754.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 8.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	27	U
107131	Acrylonitrile	6	U
67641	Acetone	27	B
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	16	B
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7754.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 8.2 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	11	U
95476	o-Xylene	5	U
100425	Styrene	4	J
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-10

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5850.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 18.7 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	31	U
107131	Acrylonitrile	7	U
67641	Acetone	130	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	3	J
75092	Methylene Chloride	12	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	J
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	3	J
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-10

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5850.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 18.7 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	1	J
95476	o-Xylene	6	U
100425	Styrene	20	
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	3	J
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	2	J
541731	1,3-Dichlorobenzene	100	
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-10

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5850.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 18.7 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	3.92	93	J
2.	unknown hydrocarbon	17.57	14	J
3. 000098-52-2	Cyclohexanol, 4-(1,1-dimethyleth	17.79	24	JN
4. 000098-53-3	Cyclohexanone, 4-(1,1-dimethyle	18.27	7	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1S

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 30 (g/ml) G Lab File ID: E8067.D

Level: (low/med) LOW Date Received:

% Moisture: 23 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
108-60-1	bis(2-chloroisopropyl)ether	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	65	J
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	430	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	430	U
83-32-9	Acenaphthene	99	J
132-64-9	Dibenzofuran	59	J
606-20-2	2,6-Dinitrotoluene	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	95	J
100-01-6	4-Nitroaniline	430	U
86-30-6	n-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
85-01-8	Phenanthrene	850	
120-12-7	Anthracene	200	J
84-74-2	Di-n-butylphthalate	430	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1S

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 30 (g/ml) G Lab File ID: E8067.D

Level: (low/med) LOW Date Received:

% Moisture: 23 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
206-44-0	Fluoranthene	880		
129-00-0	Pyrene	900		
85-68-7	Butylbenzylphthalate	430	U	
91-94-1	3,3'-Dichlorobenzidine	430	U	
56-55-3	Benzo[a]anthracene	420	J	✓ MDL
117-81-7	bis(2-Ethylhexyl)phthalate	430	U	
218-01-9	Chrysene	480		✓
117-84-0	Di-n-octylphthalate	430	U	
205-99-2	Benzo[b]fluoranthene	280	J	
207-08-9	Benzo[k]fluoranthene	330	J	
50-32-8	Benzo[a]pyrene	340	J	✓ MDL
193-39-5	Indeno[1,2,3-cd]pyrene	160	J	
53-70-3	Dibenz[a,h]anthracene	82	J	✓ MDL
191-24-2	Benzo[g,h,i]perylene	160	J	

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-1S

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413148

Sample wt/vol: 30 (g/ml) G Lab File ID: E8067.D

Level: (low/med) LOW Date Received:

% Moisture: 23 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.63	540	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.36	24000	JN
3.	unknown	23.04	210	J
4.	unknown	23.35	330	J
5.	unknown	23.65	510	J
6. 128842-80-8	9-(.alpha.-deuteriocyclopropyl)an	25.98	540	JN
7.	unknown	26.62	750	J
8.	unknown	34.42	410	J

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ACCREDITED LABORATORIES, INC.
BNA ORGANIC ANALYSIS DATA

CASE NUMBER	6513	MATRIX	Aqueous
SAMPLE NUMBER	0413149	DILUTION FACTOR	1.0
DATA FILE	>F2787	DATE EXTRACTED	12/21/04
CLIENT NAME	RTPEA	DATE ANALYZED	12/23/04
FIELD ID	NS-1W	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/L	MDL	CAS #	COMPOUND	UG/L	MDL
83329	Acenaphthene	U	10	51285	2,4-Dinitrophenol	U	10
208968	Acenaphthylene	U	10	121142	2,4-Dinitrotoluene	U	10
120127	Anthracene	U	10	606202	2,6-Dinitrotoluene	U	10
56553	Benzo(a)Anthracene	U	10	117840	Di-n-octyl phthalate	U	10
50328	Benzo(a)Pyrene	U	10	206440	Fluoranthene	U	10
205992	Benzo(b)fluoranthene	U	10	86737	Fluorene	U	10
191242	Benzo(g,h,i)Perylene	U	10	118741	Hexachlorobenzene	U	10
207089	Benzo(k)Fluoranthene	U	10	87683	Hexachlorobutadiene	U	10
65850	Benzoic Acid	U	50	77474	Hexachlorocyclopentadiene	U	10
100516	Benzyl Alcohol	U	10	67721	Hexachloroethane	U	10
111444	bis(-2-Chloroethyl)Ether	U	10	193395	Indeno(1,2,3-cd)Pyrene	U	10
108601	bis(2-Chloroisopropyl)ether	U	10	78591	Isophorone	U	10
117817	Bis(2-Ethylhexyl)Phthalate	U	10	91576	2-Methylnaphthalene	U	10
111911	bis(-2-Chloroethoxy)Methane	U	10	95487	2-Methylphenol	U	10
101553	4-Bromophenyl-phenylether	U	10	108394	3&4-Methylphenol	U	10
85687	Butylbenzylphthalate	U	10	91203	Naphthalene	U	10
106478	4-Chloroaniline	U	10	88744	2-Nitroaniline	U	10
91587	2-Chloronaphthalene	U	10	99092	3-Nitroaniline	U	10
59507	4-Chloro-3-methylphenol	U	10	100016	4-Nitroaniline	U	10
95578	2-Chlorophenol	U	10	98953	Nitrobenzene	U	10
7005723	4-Chlorophenyl-phenylether	U	10	88755	2-Nitrophenol	U	10
218019	Chrysene	U	10	100027	4-Nitrophenol	U	10
53703	Dibenzo(a,h)Anthracene	U	10	62759	N-Nitrosodimethylamine	U	10
132649	Dibenzofuran	U	10	86306	N-Nitrosodiphenylamine	U	10
95501	1,2-Dichlorobenzene	U	10	621647	N-Nitroso-Di-n-propylamine	U	10
541731	1,3-Dichlorobenzene	U	10	87865	Pentachlorophenol	U	10
106467	1,4-Dichlorobenzene	U	10	85018	Phenanthrene	U	10
91941	3,3'-Dichlorobenzidine	U	10	108952	Phenol	U	10
120832	2,4-Dichlorophenol	U	10	129000	Pyrene	U	10
84662	Diethylphthalate	U	10	120821	1,2,4-Trichlorobenzene	U	10
105679	2,4-Dimethylphenol	U	10	95954	2,4,5-Trichlorophenol	U	10
131113	Dimethyl Phthalate	U	10	88062	2,4,6-Trichlorophenol	U	10
84742	Di-n-Butylphthalate	U	10	92875	Benzidine	U	10
534521	4,6-Dinitro-2-methylphenol	U	10	122667	1,2-Diphenylhydrazine	U	10

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	81 %	35-114	OK
2-Fluorobiphenyl	85 %	43-116	OK
Terphenyl-d14	86 %	33-141	OK
Phenol-d5	33 %	10- 94	OK
2-Fluorophenol	46 %	21-100	OK
2,4,6-Tribromophenol	101 %	10-123	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0413149

Client Name: RTPEA Field ID: NS-1W

Case No.: 6513 Date Extracted: 12/21/04

Lab File ID: >F2787 Date Analyzed: 12/23/04

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	5.60	50	B
2.		Unknown	29.17	13	

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 30 (g/ml) G Lab File ID: E8075.D

Level: (low/med) LOW Date Received:

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
108-60-1	bis(2-chloroisopropyl)ether	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	450	
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
91-57-6	2-Methylnaphthalene	220	J
77-47-4	Hexachlorocyclopentadiene	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	370	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	360	J
99-09-2	3-Nitroaniline	370	U
83-32-9	Acenaphthene	760	
132-64-9	Dibenzofuran	520	
606-20-2	2,6-Dinitrotoluene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	810	
100-01-6	4-Nitroaniline	370	U
86-30-6	n-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
85-01-8	Phenanthrene	11000	E
120-12-7	Anthracene	2000	
84-74-2	Di-n-butylphthalate	370	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 30 (g/ml) G Lab File ID: E8075.D

Level: (low/med) LOW Date Received:

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	14000	E
129-00-0	Pyrene	12000	E
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo[a]anthracene	5100	
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
218-01-9	Chrysene	6100	E
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo[b]fluoranthene	7400	E
207-08-9	Benzo[k]fluoranthene	4100	
50-32-8	Benzo[a]pyrene	4900	
193-39-5	Indeno[1,2,3-cd]pyrene	1000	
53-70-3	Dibenz[a,h]anthracene	530	
191-24-2	Benzo[g,h,i]perylene	870	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150

Sample wt/vol: 30 (g/ml) G Lab File ID: E8075.D

Level: (low/med) LOW Date Received:

% Moisture: 9.7 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	5.62	390	J
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.36	21000	JN
3.	000090-12-0	Naphthalene, 1-methyl- (CAS) $	15.30	210	JN
4.	000571-58-4	Naphthalene, 1,4-dimethyl- (CAS	16.87	210	JN
5.	000643-58-3	1,1'-Biphenyl, 2-methyl- (CAS) $	19.34	220	JN
6.	007320-53-8	Dibenzofuran, 4-methyl- (CAS) $	19.55	290	JN
7.		unknown	23.00	200	J
8.	000203-64-5	4H-Cyclopenta[def]phenanthren	23.10	210	JN
9.		unknown	24.27	160	J
10.	090598-28-0	2-Bromo-2-cyclohexylidene-1-ph	26.03	360	JN
11.	000243-17-4	11H-Benzo[b]fluorene (CAS) $$	26.10	390	JN
12.		unknown	26.36	260	J
13.	072582-84-4	8,13-Dimethyl-14,15,16,17-tetrad	26.76	160	JN
14.	000192-97-2	Benzo[e]pyrene (CAS) $$ 4,5-Be	31.50	1500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2DL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8105.D

Level: (low/med) LOW Date Received:

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/28/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
100-51-6	Benzyl alcohol	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
108-60-1	bis(2-chloroisopropyl)ether	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U
91-20-3	Naphthalene	450	JD
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
91-57-6	2-Methylnaphthalene	220	JD
77-47-4	Hexachlorocyclopentadiene	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	1900	U
208-96-8	Acenaphthylene	390	JD
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	760	JD
132-64-9	Dibenzofuran	510	JD
606-20-2	2,6-Dinitrotoluene	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	810	JD
100-01-6	4-Nitroaniline	1900	U
86-30-6	n-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
85-01-8	Phenanthrene	8500	D
120-12-7	Anthracene	1600	JD
84-74-2	Di-n-butylphthalate	1900	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2DL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413150DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8105.D

Level: (low/med) LOW Date Received:

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/28/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
206-44-0	Fluoranthene	6300	D	
129-00-0	Pyrene	10000	D	
85-68-7	Butylbenzylphthalate	1900	U	
91-94-1	3,3'-Dichlorobenzidine	1900	U	
56-55-3	Benzo[a]anthracene	4200	D	✓
117-81-7	bis(2-Ethylhexyl)phthalate	480	JD	
218-01-9	Chrysene	5200	D	✓
117-84-0	Di-n-octylphthalate	1900	U	
205-99-2	Benzo[b]fluoranthene	3100	D	✓
207-08-9	Benzo[k]fluoranthene	4100	D	✓
50-32-8	Benzo[a]pyrene	3100	D	✓
193-39-5	Indeno[1,2,3-cd]pyrene	930	JD	
53-70-3	Dibenz[a,h]anthracene	540	JD	✓
191-24-2	Benzo[g,h,i]perylene	920	JD	

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 30 (g/ml) G Lab File ID: E8076.D

Level: (low/med) LOW Date Received:

% Moisture: 25 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	440	U
111-44-4	bis(2-Chloroethyl)ether	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
108-60-1	bis(2-chloroisopropyl)ether	440	U
621-64-7	N-Nitroso-di-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
111-91-1	bis(2-Chloroethoxy)methane	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	190	J
106-47-8	4-Chloroaniline	440	U
87-68-3	Hexachlorobutadiene	440	U
91-57-6	2-Methylnaphthalene	220	J
77-47-4	Hexachlorocyclopentadiene	440	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	440	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	85	J
99-09-2	3-Nitroaniline	440	U
83-32-9	Acenaphthene	190	J
132-64-9	Dibenzofuran	140	J
606-20-2	2,6-Dinitrotoluene	440	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	210	J
100-01-6	4-Nitroaniline	440	U
86-30-6	n-Nitrosodiphenylamine	440	U
101-55-3	4-Bromophenyl-phenylether	440	U
118-74-1	Hexachlorobenzene	440	U
85-01-8	Phenanthrene	2000	
120-12-7	Anthracene	530	
84-74-2	Di-n-butylphthalate	440	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 30 (g/ml) G Lab File ID: E8076.D

Level: (low/med) LOW Date Received:

% Moisture: 25 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
206-44-0	Fluoranthene	2600		
129-00-0	Pyrene	3900		
85-68-7	Butylbenzylphthalate	98	J	
91-94-1	3,3'-Dichlorobenzidine	50	J	
56-55-3	Benzo[a]anthracene	1200		✓
117-81-7	bis(2-Ethylhexyl)phthalate	290	J	
218-01-9	Chrysene	1400		✓
117-84-0	Di-n-octylphthalate	440	U	
205-99-2	Benzo[b]fluoranthene	1200		✓
207-08-9	Benzo[k]fluoranthene	1400		✓
50-32-8	Benzo[a]pyrene	1000		✓
193-39-5	Indeno[1,2,3-cd]pyrene	210	J	
53-70-3	Dibenz[a,h]anthracene	130	J	
191-24-2	Benzo[g,h,i]perylene	200	J	

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-3

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413151

Sample wt/vol: 30 (g/ml) G Lab File ID: E8076.D

Level: (low/med) LOW Date Received:

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	5.65	730	J
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.42	35000	JN
3.	000371-41-5	Phenol, 4-fluoro- (CAS) $$ p-Flu	7.14	4400	JN
4.		unknown	9.51	5500	J
5.	000544-76-3	Hexadecane (CAS) $$ n-Hexade	18.98	820	JN
6.		unknown	19.80	1700	J
7.	000629-78-7	Heptadecane (CAS) $$ n-Hepta	20.19	660	JN
8.	001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.25	670	JN
9.	000112-95-8	Eicosane (CAS) $$ n-Eicosane	21.33	610	JN
10.	055045-08-4	Dodecane, 2-methyl-6-propyl- (C	22.41	690	JN
11.	000638-67-5	Tricosane (CAS) $$ n-Tricosane	25.39	1200	JN
12.		unknown hydrocarbon	26.30	1700	J
13.	054833-23-7	Eicosane, 10-methyl- (CAS) $$ 1	27.17	1400	JN
14.	000593-45-3	Octadecane (CAS) $$ n-Octadec	27.99	1800	JN
15.	000593-49-7	Heptacosane (CAS) $$ n-Heptac	28.80	1700	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 30 (g/ml) G Lab File ID: E8069.D

Level: (low/med) LOW Date Received: _____

% Moisture: 28.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	460	U
111-44-4	bis(2-Chloroethyl)ether	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
100-51-6	Benzyl alcohol	460	U
95-50-1	1,2-Dichlorobenzene	460	U
108-60-1	bis(2-chloroisopropyl)ether	460	U
621-64-7	N-Nitroso-di-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
111-91-1	bis(2-Chloroethoxy)methane	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	2100	
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
91-57-6	2-Methylnaphthalene	490	
77-47-4	Hexachlorocyclopentadiene	460	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	460	U
131-11-3	Dimethylphthalate	460	U
208-96-8	Acenaphthylene	460	U
99-09-2	3-Nitroaniline	460	U
83-32-9	Acenaphthene	1400	
132-64-9	Dibenzofuran	1000	
606-20-2	2,6-Dinitrotoluene	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	1300	
100-01-6	4-Nitroaniline	460	U
86-30-6	n-Nitrosodiphenylamine	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
85-01-8	Phenanthrene	7800	E
120-12-7	Anthracene	2400	
84-74-2	Di-n-butylphthalate	460	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4S

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 30 (g/ml) G Lab File ID: E8069.D

Level: (low/med) LOW Date Received: _____

% Moisture: 28.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	5500	
129-00-0	Pyrene	4600	
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo[a]anthracene	2200	
117-81-7	bis(2-Ethylhexyl)phthalate	460	U
218-01-9	Chrysene	2100	
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo[b]fluoranthene	1800	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1700	
193-39-5	Indeno[1,2,3-cd]pyrene	400	J
53-70-3	Dibenz[a,h]anthracene	230	J
191-24-2	Benzo[g,h,i]perylene	330	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-4S

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152

Sample wt/vol: 30 (g/ml) G Lab File ID: E8069.D

Level: (low/med) LOW Date Received:

% Moisture: 28.4 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.70	760	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.46	43000	JN
3. 000086-74-8	9H-Carbazole (CAS) $$ Carbazo	22.13	210	JN

134

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4SDL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8130.D

Level: (low/med) LOW Date Received:

% Moisture: 28.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/30/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	2300	U
111-44-4	bis(2-Chloroethyl)ether	2300	U
541-73-1	1,3-Dichlorobenzene	2300	U
106-46-7	1,4-Dichlorobenzene	2300	U
100-51-6	Benzyl alcohol	2300	U
95-50-1	1,2-Dichlorobenzene	2300	U
108-60-1	bis(2-chloroisopropyl)ether	2300	U
621-64-7	N-Nitroso-di-n-propylamine	2300	U
67-72-1	Hexachloroethane	2300	U
98-95-3	Nitrobenzene	2300	U
78-59-1	Isophorone	2300	U
111-91-1	bis(2-Chloroethoxy)methane	2300	U
120-82-1	1,2,4-Trichlorobenzene	2300	U
91-20-3	Naphthalene	2200	JD
106-47-8	4-Chloroaniline	2300	U
87-68-3	Hexachlorobutadiene	2300	U
91-57-6	2-Methylnaphthalene	570	JD
77-47-4	Hexachlorocyclopentadiene	2300	U
91-58-7	2-Chloronaphthalene	2300	U
88-74-4	2-Nitroaniline	2300	U
131-11-3	Dimethylphthalate	2300	U
208-96-8	Acenaphthylene	2300	U
99-09-2	3-Nitroaniline	2300	U
83-32-9	Acenaphthene	1400	JD
132-64-9	Dibenzofuran	1100	JD
606-20-2	2,6-Dinitrotoluene	2300	U
121-14-2	2,4-Dinitrotoluene	2300	U
84-66-2	Diethylphthalate	2300	U
7005-72-3	4-Chlorophenyl-phenylether	2300	U
86-73-7	Fluorene	1700	JD
100-01-6	4-Nitroaniline	2300	U
86-30-6	n-Nitrosodiphenylamine	2300	U
101-55-3	4-Bromophenyl-phenylether	2300	U
118-74-1	Hexachlorobenzene	2300	U
85-01-8	Phenanthrene	7100	D
120-12-7	Anthracene	2400	D
84-74-2	Di-n-butylphthalate	2300	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4SDL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413152DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8130.D

Level: (low/med) LOW Date Received:

% Moisture: 28.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/30/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	5400	D
129-00-0	Pyrene	4600	D
85-68-7	Butylbenzylphthalate	2300	U
91-94-1	3,3'-Dichlorobenzidine	2300	U
56-55-3	Benzo[a]anthracene	2000	JD
117-81-7	bis(2-Ethylhexyl)phthalate	2300	U
218-01-9	Chrysene	1900	JD
117-84-0	Di-n-octylphthalate	2300	U
205-99-2	Benzo[b]fluoranthene	1300	JD
207-08-9	Benzo[k]fluoranthene	1800	JD
50-32-8	Benzo[a]pyrene	1700	JD
193-39-5	Indeno[1,2,3-cd]pyrene	760	JD
53-70-3	Dibenz[a,h]anthracene	420	JD
191-24-2	Benzo[g,h,i]perylene	760	JD

ACCREDITED LABORATORIES, INC.
BNA ORGANIC ANALYSIS DATA

CASE NUMBER	6513	MATRIX	Aqueous
SAMPLE NUMBER	0413153	DILUTION FACTOR	1.0
DATA FILE	>F2788	DATE EXTRACTED	12/21/04
CLIENT NAME	RTPEA	DATE ANALYZED	12/23/04
FIELD ID	NS-4W	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/L	MDL	CAS #	COMPOUND	UG/L	MDL
83329	Acenaphthene	U	10	51285	2,4-Dinitrophenol	U	10
208968	Acenaphthylene	U	10	121142	2,4-Dinitrotoluene	U	10
120127	Anthracene	U	10	606202	2,6-Dinitrotoluene	U	10
56553	Benzo(a)Anthracene	U	10	117840	Di-n-octyl phthalate	U	10
50328	Benzo(a)Pyrene	U	10	206440	Fluoranthene	U	10
205992	Benzo(b)fluoranthene	U	10	86737	Fluorene	U	10
191242	Benzo(g,h,i)Perylene	U	10	118741	Hexachlorobenzene	U	10
207089	Benzo(k)Fluoranthene	U	10	87683	Hexachlorobutadiene	U	10
65850	Benzoic Acid	U	50	77474	Hexachlorocyclopentadiene	U	10
100516	Benzyl Alcohol	U	10	67721	Hexachloroethane	U	10
111444	bis(-2-Chloroethyl)Ether	U	10	193395	Indeno(1,2,3-cd)Pyrene	U	10
108601	bis(2-Chloroisopropyl)ether	U	10	78591	Isophorone	U	10
117817	Bis(2-Ethylhexyl)Phthalate	U	10	91576	2-Methylnaphthalene	U	10
111911	bis(-2-Chloroethoxy)Methane	U	10	95487	2-Methylphenol	U	10
101553	4-Bromophenyl-phenylether	U	10	108394	3&4-Methylphenol	U	10
85687	Butylbenzylphthalate	U	10	91203	Naphthalene	5 J	10
106478	4-Chloroaniline	U	10	88744	2-Nitroaniline	U	10
91587	2-Chloronaphthalene	U	10	99092	3-Nitroaniline	U	10
59507	4-Chloro-3-methylphenol	U	10	100016	4-Nitroaniline	U	10
95578	2-Chlorophenol	U	10	98953	Nitrobenzene	U	10
7005723	4-Chlorophenyl-phenylether	U	10	88755	2-Nitrophenol	U	10
218019	Chrysene	U	10	100027	4-Nitrophenol	U	10
53703	Dibenzo(a,h)Anthracene	U	10	62759	N-Nitrosodimethylamine	U	10
132649	Dibenzofuran	U	10	86306	N-Nitrosodiphenylamine	U	10
95501	1,2-Dichlorobenzene	U	10	621647	N-Nitroso-Di-n-propylamine	U	10
541731	1,3-Dichlorobenzene	U	10	87865	Pentachlorophenol	U	10
106467	1,4-Dichlorobenzene	U	10	85018	Phenanthrene	1 J	10
91941	3,3'-Dichlorobenzidine	U	10	108952	Phenol	U	10
120832	2,4-Dichlorophenol	U	10	129000	Pyrene	U	10
84662	Diethylphthalate	U	10	120821	1,2,4-Trichlorobenzene	U	10
105679	2,4-Dimethylphenol	U	10	95954	2,4,5-Trichlorophenol	U	10
131113	Dimethyl Phthalate	U	10	88062	2,4,6-Trichlorophenol	U	10
84742	Di-n-Butylphthalate	U	10	92875	Benzidine	U	10
534521	4,6-Dinitro-2-methylphenol	U	10	122667	1,2-Diphenylhydrazine	U	10

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	86 %	35-114	OK
2-Fluorobiphenyl	89 %	43-116	OK
Terphenyl-d14	87 %	33-141	OK
Phenol-d5	29 %	10- 94	OK
2-Fluorophenol	42 %	21-100	OK
2,4,6-Tribromophenol	94 %	10-123	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0413153

Client Name: RTPEA Field ID: NS-4W

Case No.: 6513 Date Extracted: 12/21/04

Lab File ID: >F2788 Date Analyzed: 12/23/04

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	5.62	93	B
2.		Unknown aromatic	13.21	21	
3.		Unknown aromatic	15.01	11	
4.	96764	*** See below	17.37	21	
5.	57103	Hexadecanoic acid	22.56	23	
6.	57114	Octadecanoic acid	24.57	53	
7.		Unknown hydrocarbon	25.33	14	
8.		Unknown	28.65	11	
9.		Unknown	29.62	10	
10.		Unknown	29.78	14	
11.		Unknown aromatic	29.97	10	
12.		Unknown aromatic	30.13	10	
13.		Unknown	30.24	18	
14.		Unknown aromatic	30.38	15	
15.		Unknown aromatic	30.53	14	
16.		Unknown aromatic	30.90	14	
17.		Unknown aromatic	31.21	7	
18.		Unknown aromatic	31.48	8	
19.		Unknown aromatic	31.62	14	
20.		Unknown aromatic	31.95	17	
21.		Unknown aromatic	32.11	45	
22.		Unknown aromatic	32.44	9	
23.		Unknown aromatic	32.69	23	
24.		Unknown aromatic	33.33	8	
25.		Unknown hydrocarbon	33.64	9	

***

4. Phenol, 2,4-bis(1,1-dimethylethyl)-

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 30 (g/ml) G Lab File ID: E8070.D

Level: (low/med) LOW Date Received:

% Moisture: 16.2 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
108-60-1	bis(2-chloroisopropyl)ether	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	96	J
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
91-57-6	2-Methylnaphthalene	79	J
77-47-4	Hexachlorocyclopentadiene	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	100	J
99-09-2	3-Nitroaniline	400	U
83-32-9	Acenaphthene	160	J
132-64-9	Dibenzofuran	140	J
606-20-2	2,6-Dinitrotoluene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	220	J
100-01-6	4-Nitroaniline	400	U
86-30-6	n-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
85-01-8	Phenanthrene	3200	
120-12-7	Anthracene	740	
84-74-2	Di-n-butylphthalate	400	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 30 (g/ml) G Lab File ID: E8070.D

Level: (low/med) LOW Date Received:

% Moisture: 16.2 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	3900	
129-00-0	Pyrene	3800	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo[a]anthracene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
218-01-9	Chrysene	2300	
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo[b]fluoranthene	1900	
207-08-9	Benzo[k]fluoranthene	1000	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	610	
53-70-3	Dibenz[a,h]anthracene	350	J
191-24-2	Benzo[g,h,i]perylene	580	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413154

Sample wt/vol: 30 (g/ml) G Lab File ID: E8070.D

Level: (low/med) LOW Date Received:

% Moisture: 16.2 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	5.62	430	J
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.35	21000	JN
3.	000132-65-0	Dibenzothiophene (CAS) $$ 9-T	21.20	260	JN
4.	030995-64-3	Methyldibenzothiophene	22.33	240	JN
5.	000779-02-2	Anthracene, 9-methyl- (CAS) $$	22.78	360	JN
6.	000832-69-9	Phenanthrene, 1-methyl- (CAS)	22.85	530	JN
7.		unknown	23.06	510	J
8.	035465-71-5	2-Phenylnaphthalene	23.55	270	JN
9.	000084-65-1	9,10-Anthracenedione (CAS) $$	23.62	360	JN
10.	000238-84-6	11H-Benzo[a]fluorene (CAS) $$	26.04	380	JN
11.	003442-78-2	Pyrene, 2-methyl- (CAS) $$ 2-M	26.29	270	JN
12.		unknown	30.69	7600	J
13.		unknown	31.03	1400	J
14.	006692-36-0	1H-Benzimidazole-2-methanol, 1	31.23	310	JN
15.	000192-97-2	Benzo[e]pyrene (CAS) $$ 4,5-Be	31.46	1200	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 30 (g/ml) G Lab File ID: E8068.D

Level: (low/med) LOW Date Received:

% Moisture: 11.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
108-60-1	bis(2-chloroisopropyl)ether	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	370	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	370	U
83-32-9	Acenaphthene	370	U
132-64-9	Dibenzofuran	370	U
606-20-2	2,6-Dinitrotoluene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	370	U
86-30-6	n-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-6

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 30 (g/ml) G Lab File ID: E8068.D

Level: (low/med) LOW Date Received:

% Moisture: 11.4 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	190	J
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo[a]anthracene	96	J
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
218-01-9	Chrysene	120	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo[b]fluoranthene	72	J
207-08-9	Benzo[k]fluoranthene	61	J
50-32-8	Benzo[a]pyrene	69	J
193-39-5	Indeno[1,2,3-cd]pyrene	370	U
53-70-3	Dibenz[a,h]anthracene	370	U
191-24-2	Benzo[g,h,i]perylene	370	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-6

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413155

Sample wt/vol: 30 (g/ml) G Lab File ID: E8068.D

Level: (low/med) LOW Date Received:

% Moisture: 11.4 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.61	490	J
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.36	22000	JN
3. 000629-94-7	Heneicosane (CAS) $$ n-Heneic	24.41	160	JN

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-7

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 30 (g/ml) G Lab File ID: E8071.D

Level: (low/med) LOW Date Received:

% Moisture: 3.9 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
108-60-1	bis(2-chloroisopropyl)ether	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	350	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	77	J
99-09-2	3-Nitroaniline	350	U
83-32-9	Acenaphthene	100	J
132-64-9	Dibenzofuran	47	J
606-20-2	2,6-Dinitrotoluene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	110	J
100-01-6	4-Nitroaniline	350	U
86-30-6	n-Nitrosodiphenylamine	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	280	J
84-74-2	Di-n-butylphthalate	350	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-7

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 30 (g/ml) G Lab File ID: E8071.D

Level: (low/med) LOW Date Received:

% Moisture: 3.9 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	2100	
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo[a]anthracene	980	
117-81-7	bis(2-Ethylhexyl)phthalate	81	J
218-01-9	Chrysene	1100	
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	920	
207-08-9	Benzo[k]fluoranthene	780	
50-32-8	Benzo[a]pyrene	910	
193-39-5	Indeno[1,2,3-cd]pyrene	330	J
53-70-3	Dibenz[a,h]anthracene	170	J
191-24-2	Benzo[g,h,i]perylene	310	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-7

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413156

Sample wt/vol: 30 (g/ml) G Lab File ID: E8071.D

Level: (low/med) LOW Date Received:

% Moisture: 3.9 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/22/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.33	15000	JN
2. 000629-59-4	Tetradecane (CAS) $$ n-Tetrade	16.35	550	JN
3. 000629-62-9	Pentadecane (CAS) $$ n-Pentad	17.20	460	JN
4. 000544-76-3	Hexadecane (CAS) $$ n-Hexade	18.97	1300	JN
5.	unknown hydrocarbon	19.57	830	J
6. 000629-78-7	Heptadecane (CAS) $$ n-Hepta	20.18	930	JN
7. 055045-11-9	Tridecane, 5-propyl- (CAS) $$ 5-	20.25	550	JN
8. 000593-45-3	Octadecane (CAS) $$ n-Octadec	21.33	840	JN
9. 000629-92-5	Nonadecane (CAS) $$ n-Nonad	22.41	830	JN
10. 000832-69-9	Phenanthrene, 1-methyl- (CAS)	22.85	350	JN
11.	unknown	23.07	390	J
12. 000112-95-8	Eicosane (CAS) $$ n-Eicosane	23.44	590	JN
13. 003674-65-5	Phenanthrene, 2,3-dimethyl- (CA	24.23	350	JN
14. 000629-94-7	Heneicosane (CAS) $$ n-Heneic	24.43	600	JN
15. 000192-97-2	Benzo[e]pyrene (CAS) $$ 4,5-Be	31.41	460	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 30 (g/ml) G Lab File ID: E8074.D

Level: (low/med) LOW Date Received:

% Moisture: 1 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
108-60-1	bis(2-chloroisopropyl)ether	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	340	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	340	U
83-32-9	Acenaphthene	340	U
132-64-9	Dibenzofuran	340	U
606-20-2	2,6-Dinitrotoluene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	340	U
86-30-6	n-Nitrosodiphenylamine	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 30 (g/ml) G Lab File ID: E8074.D

Level: (low/med) LOW Date Received:

% Moisture: 1 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	81	J
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo[a]anthracene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	3200	
218-01-9	Chrysene	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	U
53-70-3	Dibenz[a,h]anthracene	340	U
191-24-2	Benzo[g,h,i]perylene	340	U

√ MNL

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-8

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157

Sample wt/vol: 30 (g/ml) G Lab File ID: E8074.D

Level: (low/med) LOW Date Received:

% Moisture: 1 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.22	3900	JN
2. 000104-76-7	1-Hexanol, 2-ethyl- (CAS) $$ 2-E	10.38	1000	JN

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8DL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8108.D

Level: (low/med) LOW Date Received:

% Moisture: 1 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/28/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	1700	U
100-51-6	Benzyl alcohol	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
108-60-1	bis(2-chloroisopropyl)ether	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	1700	U
132-64-9	Dibenzofuran	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
86-73-7	Fluorene	1700	U
100-01-6	4-Nitroaniline	1700	U
86-30-6	n-Nitrosodiphenylamine	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
84-74-2	Di-n-butylphthalate	1700	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-8DL

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413157DL

Sample wt/vol: 30 (g/ml) G Lab File ID: E8108.D

Level: (low/med) LOW Date Received:

% Moisture: 1 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/28/04

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	1700	U
129-00-0	Pyrene	1700	U
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo[a]anthracene	1700	U
117-81-7	bis(2-Ethylhexyl)phthalate	4700	D
218-01-9	Chrysene	1700	U
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo[b]fluoranthene	1700	U
207-08-9	Benzo[k]fluoranthene	1700	U
50-32-8	Benzo[a]pyrene	1700	U
193-39-5	Indeno[1,2,3-cd]pyrene	1700	U
53-70-3	Dibenz[a,h]anthracene	1700	U
191-24-2	Benzo[g,h,i]perylene	1700	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 30 (g/ml) G Lab File ID: E8072.D

Level: (low/med) LOW Date Received:

% Moisture: 8.2 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
108-60-1	bis(2-chloroisopropyl)ether	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	360	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	360	U
83-32-9	Acenaphthene	360	U
132-64-9	Dibenzofuran	360	U
606-20-2	2,6-Dinitrotoluene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	360	U
86-30-6	n-Nitrosodiphenylamine	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	41	J
84-74-2	Di-n-butylphthalate	56	J

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-9

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 30 (g/ml) G Lab File ID: E8072.D

Level: (low/med) LOW Date Received:

% Moisture: 8.2 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	280	J
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo[a]anthracene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	970	
218-01-9	Chrysene	160	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	51	J
53-70-3	Dibenz[a,h]anthracene	360	U
191-24-2	Benzo[g,h,i]perylene	48	J

√MDL

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-9

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413158

Sample wt/vol: 30 (g/ml) G Lab File ID: E8072.D

Level: (low/med) LOW Date Received:

% Moisture: 8.2 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	5.63	420	J
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.36	20000	JN
3.		unknown hydrocarbon	13.47	200	J
4.		unknown hydrocarbon	13.68	620	J
5.	000544-76-3	Hexadecane (CAS) $$ n-Hexade	18.97	360	JN
6.	017301-28-9	Undecane, 3,6-dimethyl- (CAS)	19.57	350	JN
7.	000629-78-7	Heptadecane (CAS) $$ n-Hepta	20.19	840	JN
8.	001921-70-6	Pentadecane, 2,6,10,14-tetramet	20.26	1800	JN
9.		unknown hydrocarbon	20.70	300	J
10.	000593-45-3	Octadecane (CAS) $$ n-Octadec	21.32	880	JN
11.	000629-59-4	Tetradecane (CAS) $$ n-Tetrade	22.34	560	JN
12.	000629-92-5	Nonadecane (CAS) $$ n-Nonad	22.42	1000	JN
13.	000112-95-8	Eicosane (CAS) $$ n-Eicosane	23.46	800	JN
14.	000629-94-7	Heneicosane (CAS) $$ n-Heneic	24.45	720	JN
15.	074764-11-7	Iron, tricarbonyl[N-(phenyl-2-pyri	25.41	420	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-10

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 30 (g/ml) G Lab File ID: E8073.D

Level: (low/med) LOW Date Received:

% Moisture: 18.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	98	J
100-51-6	Benzyl alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
108-60-1	bis(2-chloroisopropyl)ether	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	410	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	410	U
83-32-9	Acenaphthene	410	U
132-64-9	Dibenzofuran	410	U
606-20-2	2,6-Dinitrotoluene	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	410	U
86-30-6	n-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	47	J
84-74-2	Di-n-butylphthalate	410	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NS-10

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 30 (g/ml) G Lab File ID: E8073.D

Level: (low/med) LOW Date Received:

% Moisture: 18.7 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	290	J
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo[a]anthracene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	790	
218-01-9	Chrysene	140	J
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	46	J
53-70-3	Dibenz[a,h]anthracene	410	U
191-24-2	Benzo[g,h,i]perylene	42	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
NS-10

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0413159

Sample wt/vol: 30 (g/ml) G Lab File ID: E8073.D

Level: (low/med) LOW Date Received:

% Moisture: 18.7 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/23/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	5.71	800	J
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.45	35000	JN
3.	000100-52-7	Benzaldehyde (CAS) $$ Phenyl	8.98	430	JN
4.		unknown hydrocarbon	13.50	1300	J
5.	000098-52-2	Cyclohexanol, 4-(1,1-dimethyleth	13.74	3400	JN
6.	000098-53-3	Cyclohexanone, 4-(1,1-dimethyle	13.96	350	JN
7.	000629-78-7	Heptadecane (CAS) $$ n-Hepta	20.18	310	JN
8.		unknown hydrocarbon	20.25	530	J
9.	000593-45-3	Octadecane (CAS) $$ n-Octadec	21.31	300	JN
10.	000629-92-5	Nonadecane (CAS) $$ n-Nonad	22.40	280	JN
11.		unknown	23.74	440	J
12.		unknown	26.40	450	J
13.		unknown	28.05	480	J
14.		unknown	32.76	2600	J
15.		unknown	33.04	1300	J

ACCREDITED LABORATORIES, INC
PESTICIDE/PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6513	MATRIX	Aqueous
SAMPLE NUMBER	0413149	DILUTION FACTOR	1.2
DATA FILE	>G4441	DATE EXTRACTED	12/20/04
CLIENT NAME	RTPEA	DATE ANALYZED	12/30/04
FIELD ID	NS-1W	ANALYZED BY	PHIL

CAS#	COMPOUND	UG/L	MDL
319846	A-BHC	U	.024
319857	B-BHC	U	.024
58899	G-BHC (Lindane)	U	.024
319868	D-BHC	U	.024
76448	Heptachlor	U	.024
309002	Aldrin	U	.024
1024573	Heptachlor Epoxide	U	.024
959988	Endosulfan I	U	.024
5103719	A-Chlordane	U	.024
5103742	G-Chlordane	U	.024
60571	Dieldrin	U	.048
72559	4,4'-DDE	U	.048
72208	Endrin	U	.048
33213659	Endosulfan II	U	.048
72548	4,4'-DDD	U	.048
7421934	Endrin Aldehyde	U	.048
1031078	Endosulfan Sulfate	U	.048
50293	4,4'-DDT	U	.048
53494705	Endrin Ketone	U	.048
72435	Methoxychlor	U	.240
8001352	Toxaphene	U	1.20
12674112	Aroclor-1016	U	.600
11104282	Aroclor-1221	U	.600
11141165	Aroclor-1232	U	.600
53469219	Aroclor-1242	U	.600
12672296	Aroclor-1248	U	.600
11097691	Aroclor-1254	U	.600
11096825	Aroclor-1260	U	.600

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC
PESTICIDE/PCB ORGANIC ANALYSIS DATA

CASE NUMBER	6513	MATRIX	Aqueous
SAMPLE NUMBER	0413153	DILUTION FACTOR	1.1
DATA FILE	>G4442	DATE EXTRACTED	12/20/04
CLIENT NAME	RTPEA	DATE ANALYZED	12/30/04
FIELD ID	NS-4W	ANALYZED BY	PHIL

CAS#	COMPOUND	UG/L	MDL
319846	A-BHC	U	.022
319857	B-BHC	U	.022
58899	G-BHC (Lindane)	U	.022
319868	D-BHC	U	.022
76448	Heptachlor	U	.022
309002	Aldrin	U	.022
1024573	Heptachlor Epoxide	U	.022
959988	Endosulfan I	U	.022
5103719	A-Chlordane	U	.022
5103742	G-Chlordane	U	.022
60571	Dieldrin	U	.044
72559	4,4'-DDE	U	.044
72208	Endrin	U	.044
33213659	Endosulfan II	U	.044
72548	4,4'-DDD	U	.044
7421934	Endrin Aldehyde	U	.044
1031078	Endosulfan Sulfate	U	.044
50293	4,4'-DDT	U	.044
53494705	Endrin Ketone	U	.044
72435	Methoxychlor	U	.220
8001352	Toxaphene	U	1.10
12674112	Aroclor-1016	U	.550
11104282	Aroclor-1221	U	.550
11141165	Aroclor-1232	U	.550
53469219	Aroclor-1242	U	.550
12672296	Aroclor-1248	U	.550
11097691	Aroclor-1254	U	.550
11096825	Aroclor-1260	U	.550

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413148
Field ID: NS-1S
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	2.97	1.48	1	P	12/17/04
7440-38-2	Arsenic	15.8 ✓ o/ SB	1.48	1	P	12/17/04
7440-41-7	Beryllium	.462 ✓	.369	1	P	12/17/04
7440-43-9	Cadmium	ND	.369	1	P	12/17/04
7440-47-3	Chromium	24.3 ✓ o/ SB	.738	1	P	12/17/04
7440-50-8	Copper	83.7 ✓ o/ SB	.738	1	P	12/17/04
7439-92-1	Lead	273	3.69	1	P	12/17/04
7439-97-6	Mercury	1.35 ✓	.260	1	CV	12/20/04
7440-02-0	Nickel	15.4 ✓ SB	.738	1	P	12/17/04
7782-49-2	Selenium	ND	1.48	1	P	12/17/04
7440-22-4	Silver	.381	.369	1	P	12/17/04
7440-28-0	Thallium	ND	1.48	1	P	12/17/04
7440-66-6	Zinc	305 ✓ SB	7.38	1	P	12/17/04

Percent Solid of 77.0 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413149
Field ID: NS-1W
Client Name: RTPEA

Matrix: Aqueous
Date Received: 12/16/04

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	14.7	10.0	1	P	12/17/04
7440-38-2	Arsenic	351	8.00	1	P	12/17/04
7440-41-7	Beryllium	9.74	5.00	1	P	12/17/04
7440-43-9	Cadmium	ND	4.00	1	P	12/17/04
7440-47-3	Chromium	264	10.0	1	P	12/17/04
7440-50-8	Copper	1030	10.0	1	P	12/17/04
7439-92-1	Lead	6600	10.0	1	P	12/17/04
7439-97-6	Mercury	17.7	.500	1	CV	12/20/04
7440-02-0	Nickel	258	10.0	1	P	12/17/04
7782-49-2	Selenium	45.3	10.0	1	P	12/17/04
7440-22-4	Silver	ND	5.00	1	P	12/17/04
7440-28-0	Thallium	ND	10.0	1	P	12/17/04
7440-66-6	Zinc	5940	100	1	P	12/17/04

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413150
Field ID: NS-2
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	28.6	1.35	1	P	12/17/04
7440-38-2	Arsenic	18.6 J or SB	1.35	1	P	12/17/04
7440-41-7	Beryllium	ND	.338	1	P	12/17/04
7440-43-9	Cadmium	71.6 J or SB	.338	1	P	12/17/04
7440-47-3	Chromium	15.9 J or SB	.675	1	P	12/17/04
7440-50-8	Copper	219 J or SB	.675	1	P	12/17/04
7439-92-1	Lead	2080	3.38	1	P	12/17/04
7439-97-6	Mercury	1.67 J	.221	1	CV	12/20/04
7440-02-0	Nickel	17.4 J or SB	.675	1	P	12/17/04
7782-49-2	Selenium	ND	1.35	1	P	12/17/04
7440-22-4	Silver	.770	.338	1	P	12/17/04
7440-28-0	Thallium	ND	1.35	1	P	12/17/04
7440-66-6	Zinc	1460 J or SB	6.75	1	P	12/17/04

Percent Solid of 90.3 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413151
Field ID: NS-3
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	1.61	1	P	12/17/04
7440-38-2	Arsenic	4.11	1.61	1	P	12/17/04
7440-41-7	Beryllium	ND	.402	1	P	12/17/04
7440-43-9	Cadmium	ND	.402	1	P	12/17/04
7440-47-3	Chromium	15.8 J or SB	.803	1	P	12/17/04
7440-50-8	Copper	32.7 J or SB	.803	1	P	12/17/04
7439-92-1	Lead	120	4.02	1	P	12/17/04
7439-97-6	Mercury	ND	.267	1	CV	12/20/04
7440-02-0	Nickel	15.7 J or SB	.803	1	P	12/17/04
7782-49-2	Selenium	ND	1.61	1	P	12/17/04
7440-22-4	Silver	ND	.402	1	P	12/17/04
7440-28-0	Thallium	ND	1.61	1	P	12/17/04
7440-66-6	Zinc	94.6 J or SB	8.03	1	P	12/17/04

Percent Solid of 75.0 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413152
Field ID: NS-4S
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	1.63	1	P	12/17/04
7440-38-2	Arsenic	4.61	1.63	1	P	12/17/04
7440-41-7	Beryllium	ND	.408	1	P	12/17/04
7440-43-9	Cadmium	.996	.408	1	P	12/17/04
7440-47-3	Chromium	10.9 V,S,B	.817	1	P	12/17/04
7440-50-8	Copper	63.1 V,S,B	.817	1	P	12/17/04
7439-92-1	Lead	116	4.08	1	P	12/17/04
7439-97-6	Mercury	.429 ✓	.279	1	CV	12/20/04
7440-02-0	Nickel	9.23	.817	1	P	12/17/04
7782-49-2	Selenium	ND	1.63	1	P	12/17/04
7440-22-4	Silver	ND	.408	1	P	12/17/04
7440-28-0	Thallium	ND	1.63	1	P	12/17/04
7440-66-6	Zinc	180 V,S,B	8.17	1	P	12/17/04

Percent Solid of 71.6 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413153
Field ID: NS-4W
Client Name: RTPEA

Matrix: Aqueous
Date Received: 12/16/04

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	17.5	10.0	1	P	12/17/04
7440-38-2	Arsenic	238	8.00	1	P	12/17/04
7440-41-7	Beryllium	11.8	5.00	1	P	12/17/04
7440-43-9	Cadmium	531	4.00	1	P	12/17/04
7440-47-3	Chromium	1350	10.0	1	P	12/17/04
7440-50-8	Copper	8610	10.0	1	P	12/17/04
7439-92-1	Lead	17300	10.0	1	P	12/17/04
7439-97-6	Mercury	31.0	1.00	2	CV	12/20/04
7440-02-0	Nickel	596	10.0	1	P	12/17/04
7782-49-2	Selenium	124	10.0	1	P	12/17/04
7440-22-4	Silver	14.4	5.00	1	P	12/17/04
7440-28-0	Thallium	ND	10.0	1	P	12/17/04
7440-66-6	Zinc	69700	100	1	P	12/17/04

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413154
Field ID: NS-5
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	9.47	1.45	1	P	12/17/04
7440-38-2	Arsenic	16.9 ✓ or SB	1.45	1	P	12/17/04
7440-41-7	Beryllium	.419 ✓ or SB	.362	1	P	12/17/04
7440-43-9	Cadmium	5.28 ✓ or SB	.362	1	P	12/17/04
7440-47-3	Chromium	50.0 ✓ or SB	.723	1	P	12/17/04
7440-50-8	Copper	450 or SB	.723	1	P	12/17/04
7439-92-1	Lead	1070	3.62	1	P	12/17/04
7439-97-6	Mercury	.739 ✓	.239	1	CV	12/20/04
7440-02-0	Nickel	190 ✓ or SB	.723	1	P	12/17/04
7782-49-2	Selenium	ND	1.45	1	P	12/17/04
7440-22-4	Silver	ND	.362	1	P	12/17/04
7440-28-0	Thallium	ND	1.45	1	P	12/17/04
7440-66-6	Zinc	746 ✓ or SB	7.23	1	P	12/17/04

Percent Solid of 83.8 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413155
Field ID: NS-6
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	1.37	1	P	12/17/04
7440-38-2	Arsenic	3.02	1.37	1	P	12/17/04
7440-41-7	Beryllium	ND	.342	1	P	12/17/04
7440-43-9	Cadmium	ND	.342	1	P	12/17/04
7440-47-3	Chromium	13.3 ✓ or SB	.684	1	P	12/17/04
7440-50-8	Copper	27.3 ✓ or SB	.684	1	P	12/17/04
7439-92-1	Lead	115	3.42	1	P	12/17/04
7439-97-6	Mercury	ND	.226	1	CV	12/20/04
7440-02-0	Nickel	10.4	.684	1	P	12/17/04
7782-49-2	Selenium	ND	1.37	1	P	12/17/04
7440-22-4	Silver	ND	.342	1	P	12/17/04
7440-28-0	Thallium	ND	1.37	1	P	12/17/04
7440-66-6	Zinc	113 ✓ or SB	6.84	1	P	12/17/04

Percent Solid of 88.6 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413156
Field ID: NS-7
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	114	1.28	1	P	12/17/04
7440-38-2	Arsenic	11.1 ✓ or SB	1.28	1	P	12/17/04
7440-41-7	Beryllium	ND	.319	1	P	12/17/04
7440-43-9	Cadmium	1.54 ✓ or SB	.319	1	P	12/17/04
7440-47-3	Chromium	21.2 ✓ or SB	.638	1	P	12/17/04
7440-50-8	Copper	72.5 ✓ or SB	.638	1	P	12/17/04
7439-92-1	Lead	1170	3.19	1	P	12/17/04
7439-97-6	Mercury	.784 ✓	.208	1	CV	12/20/04
7440-02-0	Nickel	15.1 ✓ or SB	.638	1	P	12/17/04
7782-49-2	Selenium	ND	1.28	1	P	12/17/04
7440-22-4	Silver	ND	.319	1	P	12/17/04
7440-28-0	Thallium	ND	1.28	1	P	12/17/04
7440-66-6	Zinc	452 ✓ or SB	6.38	1	P	12/17/04

Percent Solid of 96.1 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6513
Sample #: 0413159
Field ID: NS-10
Client Name: RTPEA

Matrix: Soil
Date Received: 12/16/04

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	.966	.799	1	P	12/17/04
7440-38-2	Arsenic	.919	.799	1	P	12/17/04
7440-41-7	Beryllium	ND	.200	1	P	12/17/04
7440-43-9	Cadmium	.242	.200	1	P	12/17/04
7440-47-3	Chromium	5.51	.399	1	P	12/17/04
7440-50-8	Copper	46.8 ✓ or SB	.399	1	P	12/17/04
7439-92-1	Lead	115	2.00	1	P	12/17/04
7439-97-6	Mercury	.339 ✓	.246	1	CV	12/20/04
7440-02-0	Nickel	5.55	.399	1	P	12/17/04
7782-49-2	Selenium	ND	.799	1	P	12/17/04
7440-22-4	Silver	1.26	.200	1	P	12/17/04
7440-28-0	Thallium	ND	.799	1	P	12/17/04
7440-66-6	Zinc	77.6 ✓ or SB	3.99	1	P	12/17/04

Percent Solid of 81.3 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #:	6513	Matrix:	Aqueous
Sample #:	0413149	Date Received:	12/16/04
Client Name:	RTPEA		
Field Number:	NS-1W		

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Cyanide, Total	0.05	0.01	mg/L	1.	ND	0.01	12/20/04

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY ANALYSIS DATA

Case #: 6513
Sample #: 0413153
Client Name: RTPEA
Field Number: NS-4W

Matrix: Aqueous
Date Received: 12/16/04

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD BLANK RESULTS	METHOD BLANK MDL	ANALYSIS DATE
Cyanide, Total	0.01	0.01	mg/L	1.	ND	0.01	12/20/04

Accredited Laboratories, Inc.
Total Petroleum Hydrocarbon Analysis

Client: RTPEA
Case #: 6513
Analyst: RB

Matrix: Soil
Date Received: 12/16/04
Date Analyzed: 12/17/04

ield #	Sample #	Amount Used (g)	% S	DF	ABS	Result mg/Kg	MDL mg/Kg
NS-1S	0413148	30.08	77.0	1	14	83	26
NS-2	0413150	30.04	90.3	1	80	406	22
NS-3	0413151	30.44	75.0	1	4	ND	26
NS-4S	0413152	30.86	71.6	10	25	1560	27
NS-5	0413154	30.26	83.8	1	37	201	24
NS-6	0413155	30.34	88.6	1	9	46	22
NS-7	0413156	30.44	96.1	1	25	118	21
NS-8	0413157	30.92	99.0	100	92	41300	20
NS-9	0413158	30.33	91.8	1	45	222	22
NS-10	0413159	30.87	81.3	1	33	181	24

Response Factor = .13751846

% S = Percent Solids
DF = Dilution Factor
ABS = Absorbance

Method Blank: < 20 mg/Kg

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: D5649.D BFB Injection Date: 12/17/04

Instrument ID: HP5971D BFB Injection Time: 8:43

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.3
75	30.0 - 66.0% of mass 95	47.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.2 (0.3)1
174	50.0 - 120.0% of mass 95	75.9
175	4.0 - 9.0% of mass 174	5.4 (7.2)1
176	93.0 - 101.0% of mass 174	72.4 (95.4)1
177	5.0 - 9.0% of mass 176	4.7 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD020	VSTD020	D5650.D	12/17/04	9:01
02	VSTD010	VSTD010	D5651.D	12/17/04	9:35
03	VSTD002	VSTD002	D5652.D	12/17/04	10:11
04	VSTD200	VSTD200	D5653.D	12/17/04	10:47
05	VBLKD92	VBLKD92	D5655.D	12/17/04	12:05
06	MW-3MS	0413073MS	D5666.D	12/17/04	18:23
07	MW-3MSD	0413073MSD	D5667.D	12/17/04	18:59
08	NS-1W	0413149	D5674.D	12/17/04	23:11
09	MS-4W	0413153	D5675.D	12/17/04	23:47

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: D5817.D BFB Injection Date: 12/27/04

Instrument ID: HP5971D BFB Injection Time: 8:31

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.7
75	30.0 - 66.0% of mass 95	46.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	79.2
175	4.0 - 9.0% of mass 174	5.4 (6.8)1
176	93.0 - 101.0% of mass 174	75.5 (95.4)1
177	5.0 - 9.0% of mass 176	5.0 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	D5718.D	12/27/04	8:59
02	VSTD020	VSTD020	D5719.D	12/27/04	9:34
03	VSTD050	VSTD050	D5820.D	12/27/04	10:09
04	VSTD100	VSTD100	D5821.D	12/27/04	10:45
05	VSTD200	VSTD200	D5822.D	12/27/04	11:21

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: M7699.D BFB Injection Date: 12/27/04

Instrument ID: HP5971M BFB Injection Time: 10:50

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	26.2
75	30.0 - 66.0% of mass 95	47.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	53.5
175	4.0 - 9.0% of mass 174	4.5 (8.4)1
176	93.0 - 101.0% of mass 174	52.2 (97.6)1
177	5.0 - 9.0% of mass 176	3.2 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	M7700.D	12/27/04	11:04
02	VSTD020	VSTD020	M7701.D	12/27/04	11:38
03	VSTD050	VSTD050	M7702.D	12/27/04	12:11
04	VSTD100	VSTD100	M7703.D	12/27/04	12:45
05	VSTD200	VSTD200	M7704.D	12/27/04	13:19

176

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: D5823.D BFB Injection Date: 12/27/04

Instrument ID: HP5971D BFB Injection Time: 12:37

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.4
75	30.0 - 66.0% of mass 95	45.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	77.4
175	4.0 - 9.0% of mass 174	5.4 (6.9)1
176	93.0 - 101.0% of mass 174	74.2 (95.9)1
177	5.0 - 9.0% of mass 176	4.9 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	D5824.D	12/27/04	12:52
02	VBLKD97	VBLKD97	D5826.D	12/27/04	14:34
03	NS-1SMS	0413148MS	D5834.D	12/27/04	19:13
04	NS-1SMSD	0413148MSD	D5835.D	12/27/04	19:49
05	TB	0413147	D5836.D	12/27/04	20:25
06	NS-1S	0413148	D5837.D	12/27/04	21:01
07	NS-2	0413150	D5838.D	12/27/04	21:37
08	NS-3	0413151	D5839.D	12/27/04	22:13
09	NS-4S	0413152	D5840.D	12/27/04	22:49
10	NS-6	0413155	D5842.D	12/28/04	0:01

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: D5845.D BFB Injection Date: 12/28/04

Instrument ID: HP5971D BFB Injection Time: 10:30

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	19.0
75	30.0 - 66.0% of mass 95	47.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	73.8
175	4.0 - 9.0% of mass 174	5.4 (7.3)1
176	93.0 - 101.0% of mass 174	71.1 (96.4)1
177	5.0 - 9.0% of mass 176	4.6 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	D5846.D	12/28/04	10:44
02	VBLKD98	VBLKD98	D5848.D	12/28/04	11:46
03	NS-9	0413158	D5849.D	12/28/04	12:17
04	NS-10	0413159	D5850.D	12/28/04	12:51
05	NS-2	0413150	D5852.D	12/28/04	13:57
06	NS-4S	0413152	D5854.D	12/28/04	14:59

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: M7750.D BFB Injection Date: 12/29/04

Instrument ID: HP5971M BFB Injection Time: 8:29

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	22.6
75	30.0 - 66.0% of mass 95	48.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	73.0
175	4.0 - 9.0% of mass 174	5.1 (7.0)1
176	93.0 - 101.0% of mass 174	70.6 (96.7)1
177	5.0 - 9.0% of mass 176	4.7 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M7751.D	12/29/04	8:43
02	VBLKM67	VBLKM67	M7753.D	12/29/04	9:53
03	NS-9	0413158	M7754.D	12/29/04	10:29
04	NS-5	0413154	M7756.D	12/29/04	11:36
05	NS-6	0413155	M7757.D	12/29/04	12:08
06	NS-8	0413157	M7758.D	12/29/04	12:42

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: M7760.D BFB Injection Date: 12/29/04

Instrument ID: HP5971M BFB Injection Time: 13:49

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	20.2
75	30.0 - 66.0% of mass 95	44.5
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	75.2
175	4.0 - 9.0% of mass 174	5.2 (6.9)1
176	93.0 - 101.0% of mass 174	72.9 (96.9)1
177	5.0 - 9.0% of mass 176	4.7 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

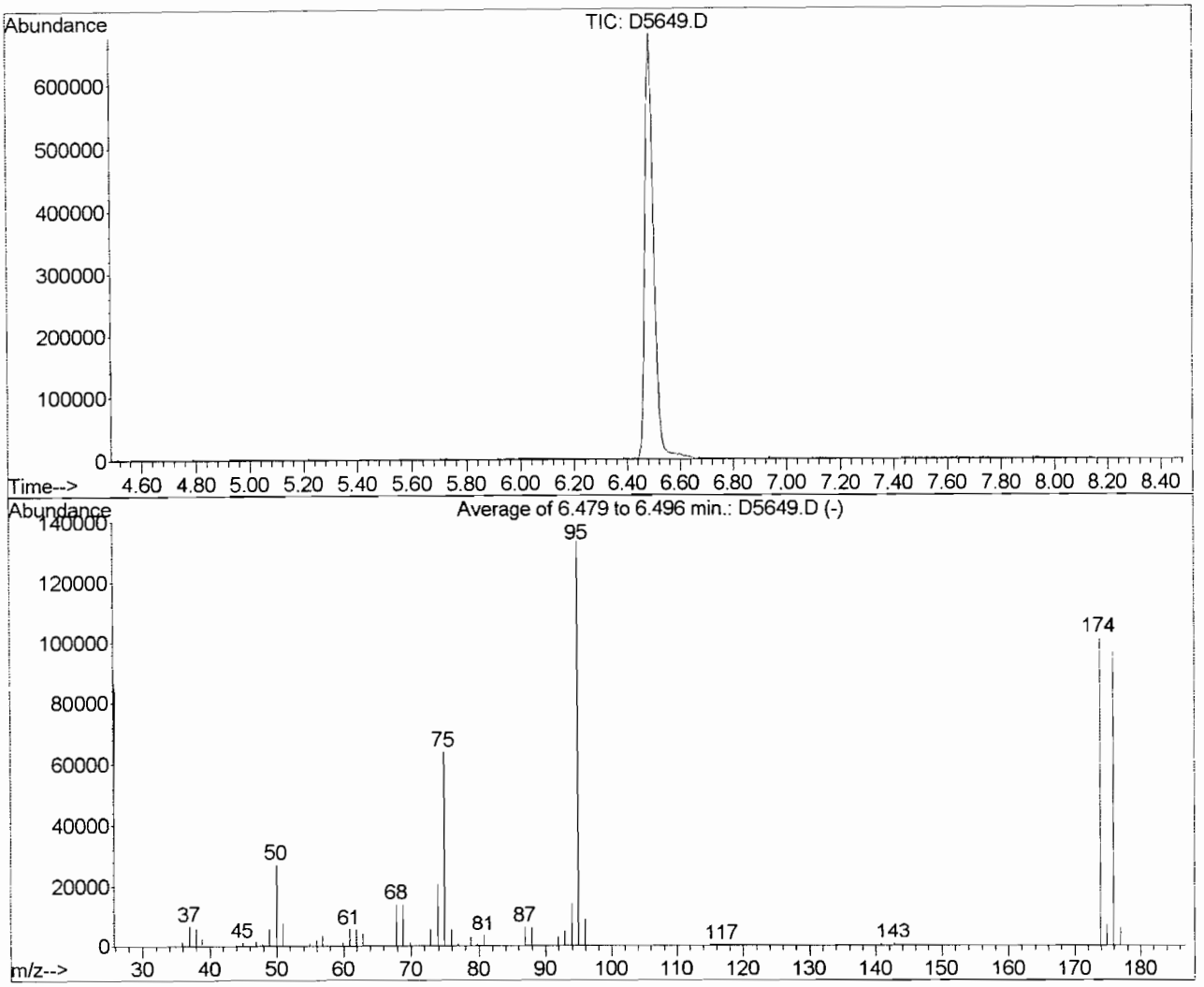
THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M7761.D	12/29/04	14:03
02	VBLKM68	VBLKM68	M7763.D	12/29/04	15:10
03	NS-5	0413154	M7764.D	12/29/04	15:43
04	NS-7	0413156	M7765.D	12/29/04	16:16
05	NS-8	0413157	M7766.D	12/29/04	16:50

CLPBFB

Data File : D:\D\DATA\DEC04\D1217\D5649.D
Acq On : 17 Dec 2004 8:43
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD61229.M (RTE Integrator)
Title : VOA 624

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.479 to 6.496 min.

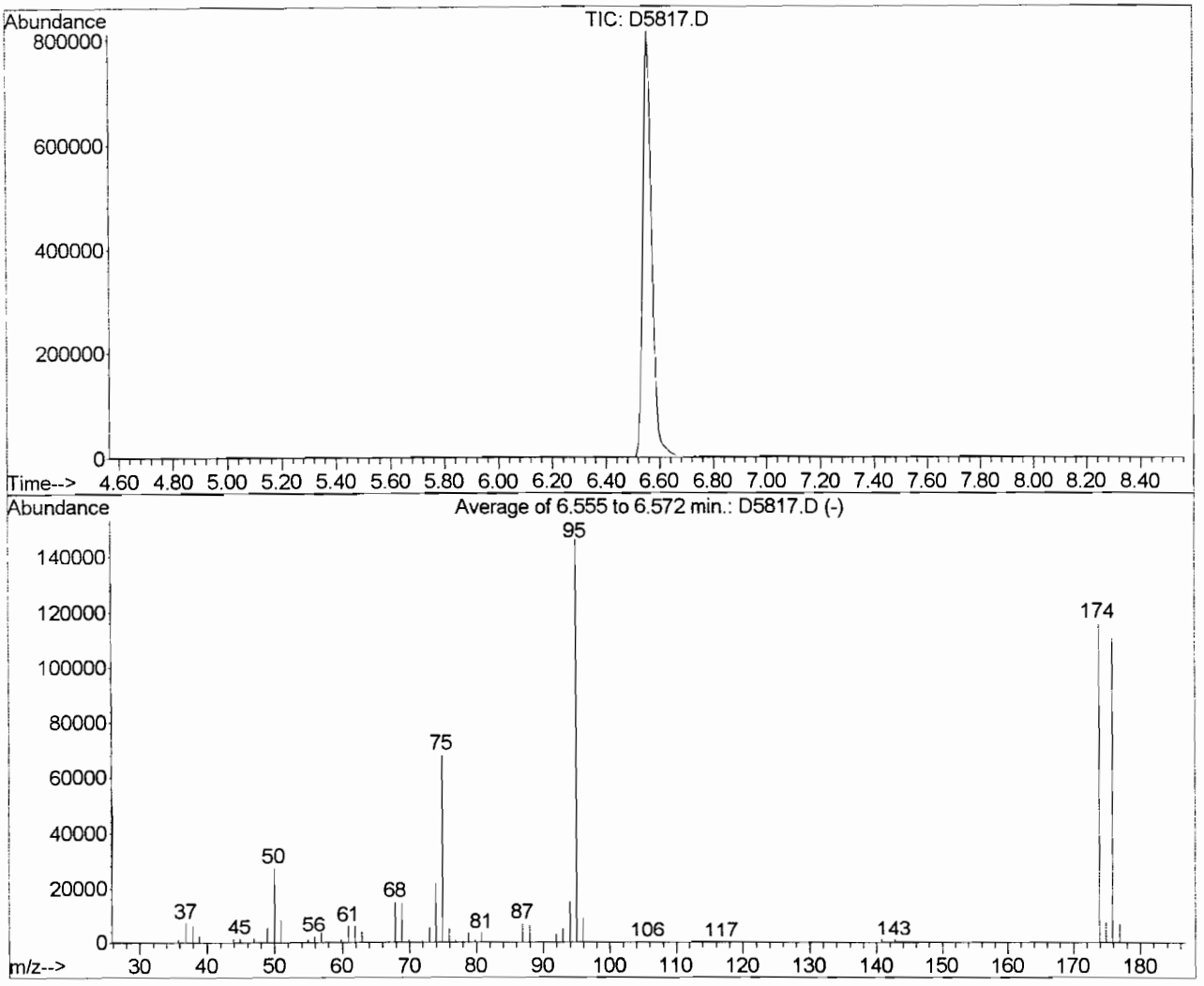
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	27067	PASS
75	95	30	60	47.9	63891	PASS
95	95	100	100	100.0	133379	PASS
96	95	5	9	6.7	9000	PASS
173	174	0.00	2	0.3	289	PASS
174	95	50	100	75.9	101176	PASS
175	174	5	9	7.2	7247	PASS
176	174	95	101	95.4	96560	PASS
177	176	5	9	6.5	6254	PASS

D5649.D VD61229.M Wed Dec 29 13:21:45 2004

CLPBFB

Data File : D:\D\DATA\DEC04\D1227\D5817.D
Acq On : 27 Dec 2004 8:31
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



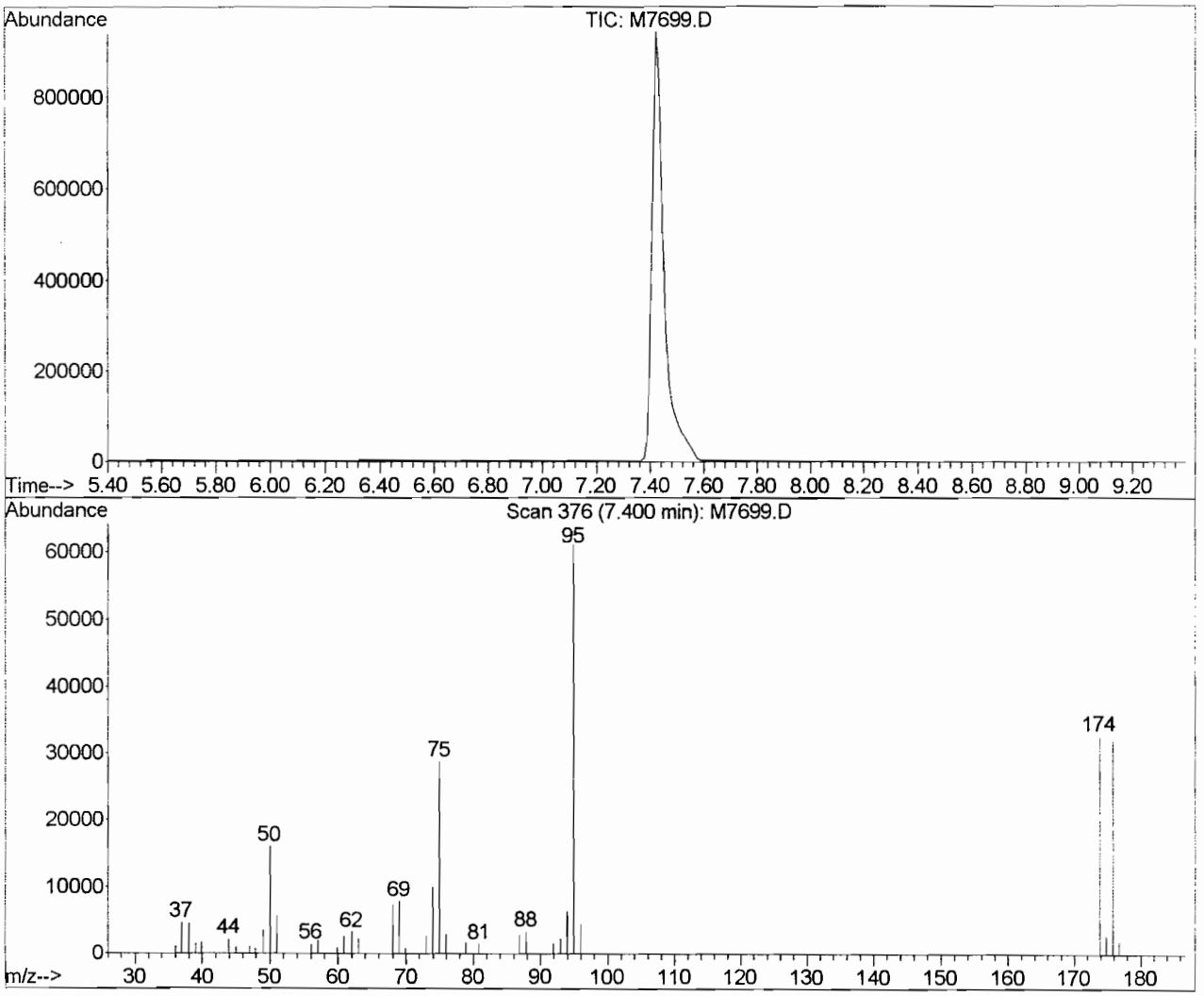
Spectrum Information: Average of 6.555 to 6.572 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	27368	PASS
75	95	30	60	46.5	68035	PASS
95	95	100	100	100.0	146157	PASS
96	95	5	9	6.3	9248	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.2	115765	PASS
175	174	5	9	6.8	7828	PASS
176	174	95	101	95.4	110403	PASS
177	176	5	9	6.7	7344	PASS

D5817.D VD8S1227.M Thu Dec 30 16:44:58 2004

Data File : D:\M\DATA\DEC04\M1227\M7699.D
Acq On : 27 Dec 2004 10:50
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



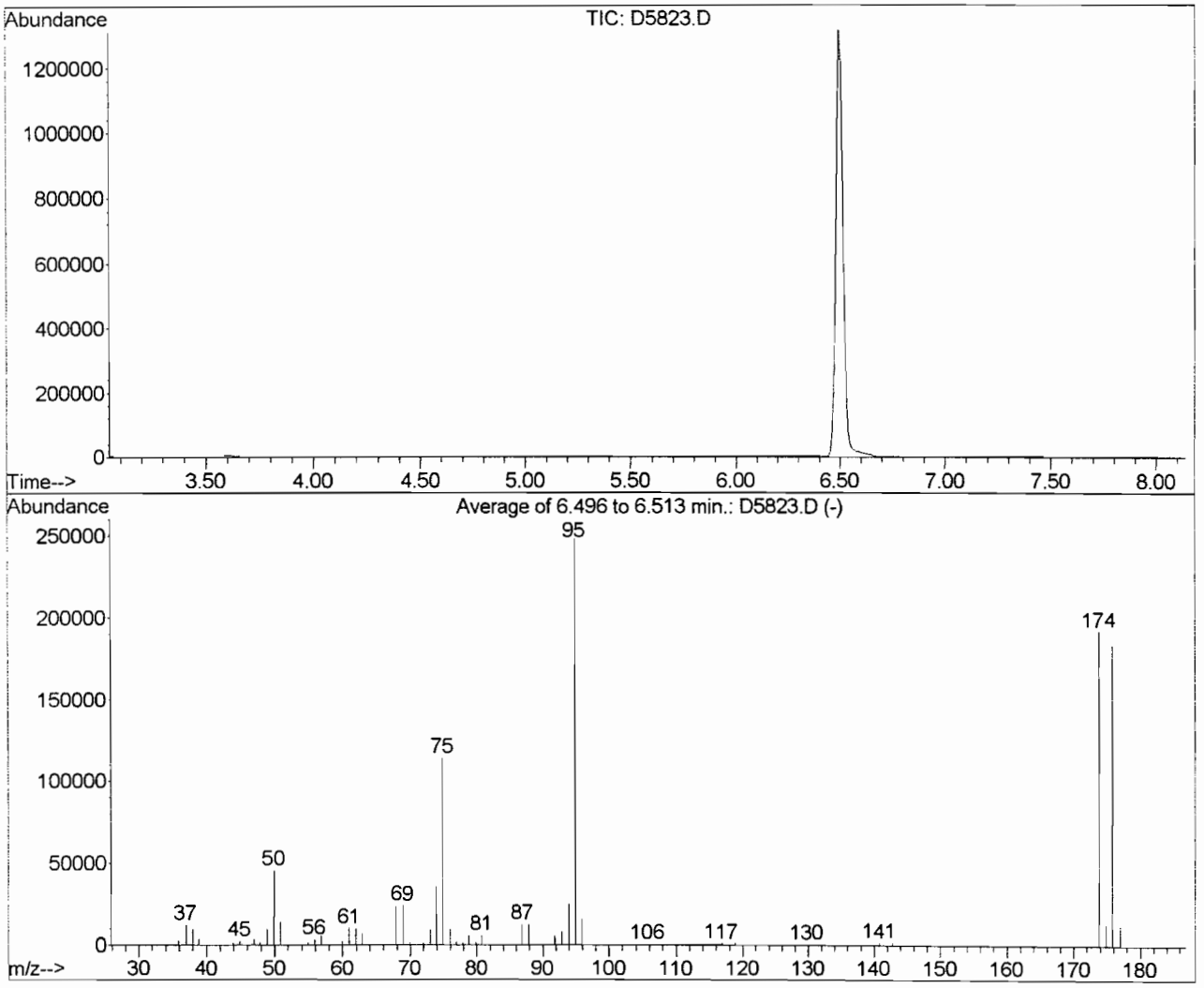
Spectrum Information: Scan 376

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.2	16010	PASS
75	95	30	60	47.0	28744	PASS
95	95	100	100	100.0	61168	PASS
96	95	5	9	7.3	4493	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	53.5	32704	PASS
175	174	5	9	8.4	2755	PASS
176	174	95	101	97.6	31912	PASS
177	176	5	9	6.2	1985	PASS

CLPBFB

Data File : D:\D\DATA\DEC04\D1227\D5823.D
Acq On : 27 Dec 2004 12:37
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 14
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.496 to 6.513 min.

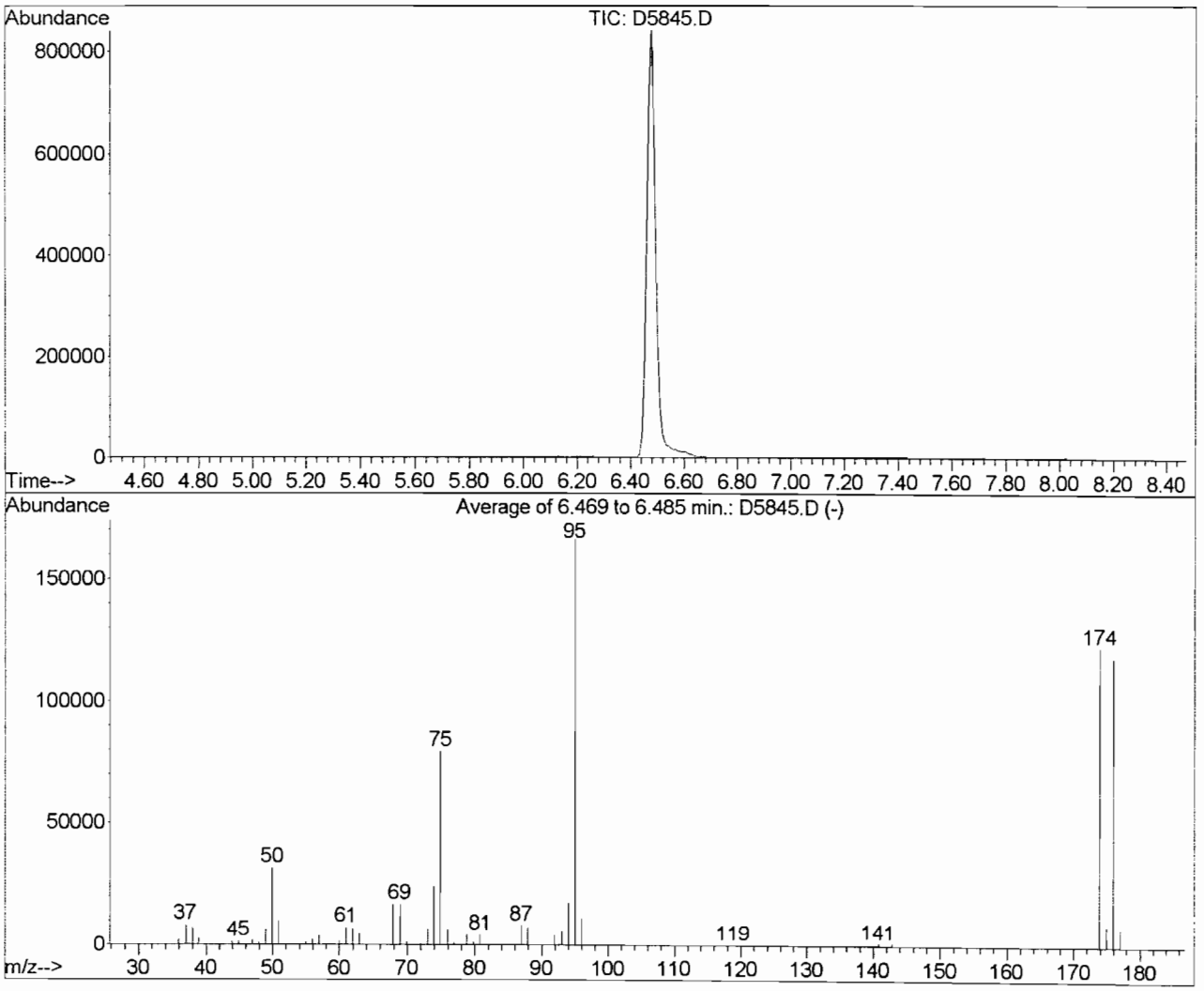
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	45667	PASS
75	95	30	60	45.9	113824	PASS
95	95	100	100	100.0	247915	PASS
96	95	5	9	6.5	16019	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.4	191851	PASS
175	174	5	9	6.9	13270	PASS
176	174	95	101	95.9	184000	PASS
177	176	5	9	6.6	12109	PASS

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CLPBFB

Data File : D:\D\DATA\DEC04\D1228\D5845.D
Acq On : 28 Dec 2004 10:30
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 6.469 to 6.485 min.

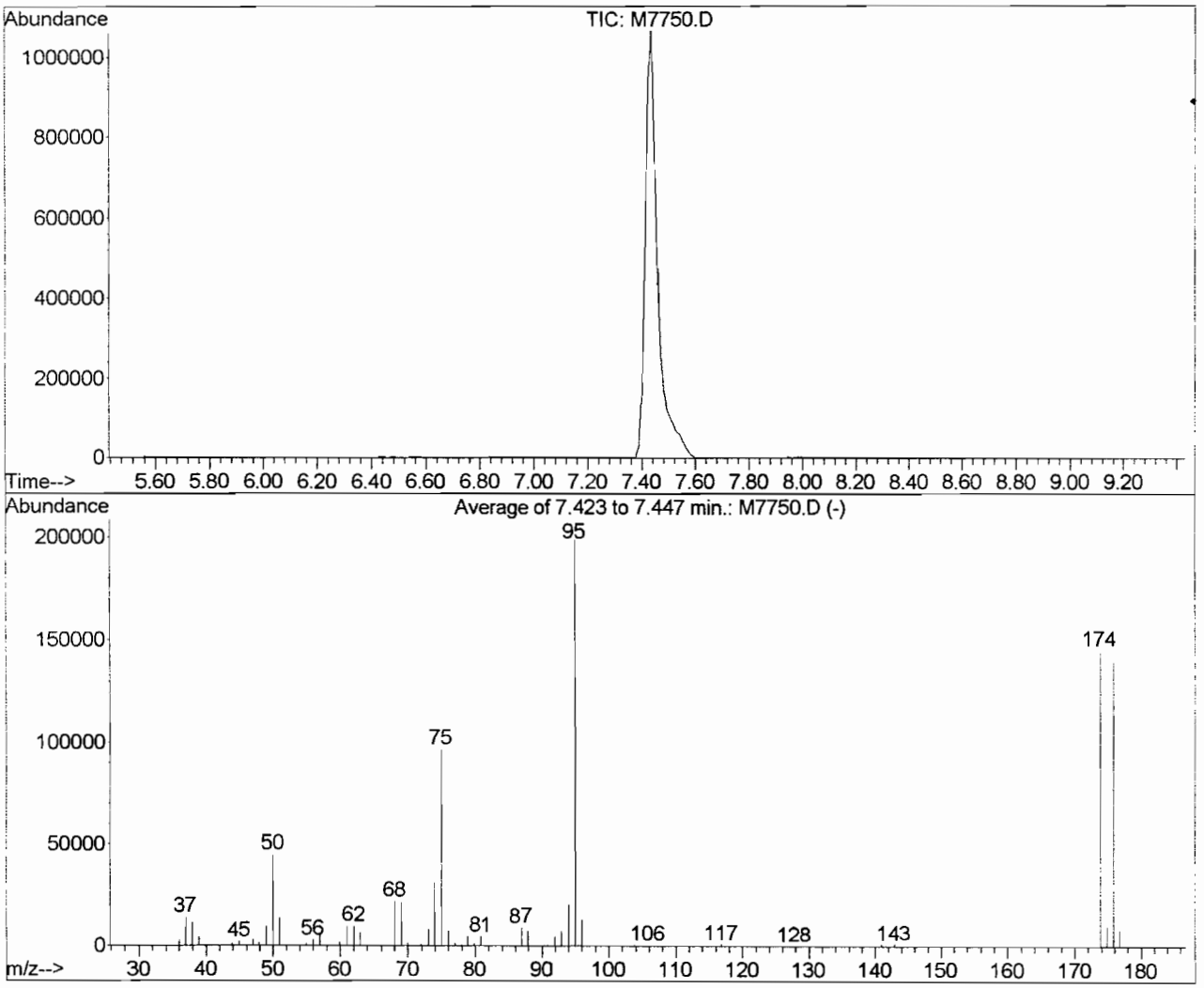
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	31568	PASS
75	95	30	60	47.8	79368	PASS
95	95	100	100	100.0	166123	PASS
96	95	5	9	6.5	10871	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.8	122523	PASS
175	174	5	9	7.3	8917	PASS
176	174	95	101	96.4	118149	PASS
177	176	5	9	6.4	7614	PASS

D5845.D VD8S1227.M Thu Dec 30 16:39:19 2004

CLPBFB

Data File : D:\M\DATA\DEC04\M1229\M7750.D
Acq On : 29 Dec 2004 8:29
Sample : VTUNE
Misc :
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 7
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.423 to 7.447 min.

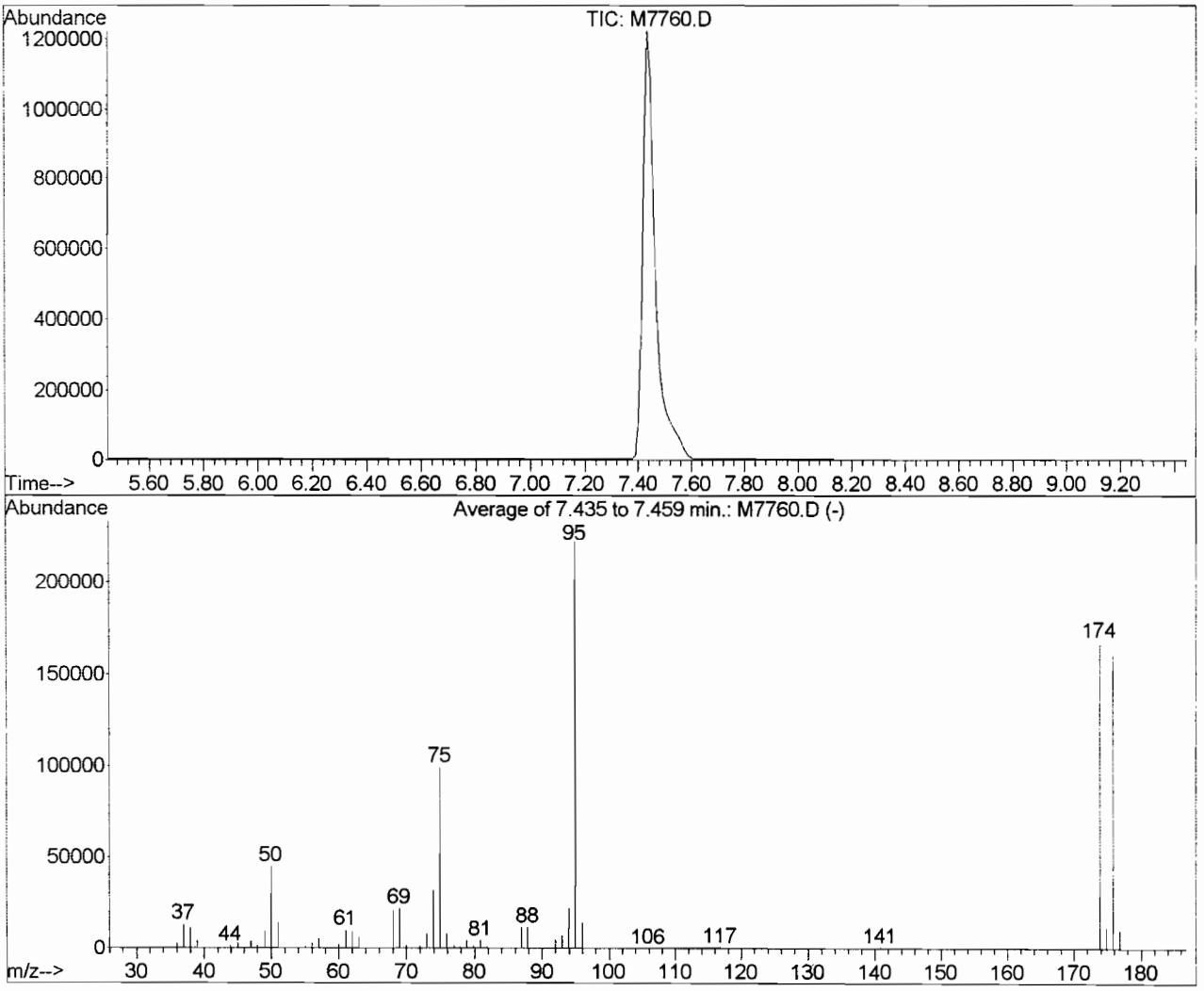
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	44925	PASS
75	95	30	60	48.5	96429	PASS
95	95	100	100	100.0	198784	PASS
96	95	5	9	6.6	13171	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.0	145144	PASS
175	174	5	9	7.0	10202	PASS
176	174	95	101	96.7	140293	PASS
177	176	5	9	6.6	9257	PASS

M7750.D VM8S1227.M Thu Dec 30 17:47:02 2004

CLPBFB

Data File : D:\M\DATA\DEC04\M1229\M7760.D
Acq On : 29 Dec 2004 13:49
Sample : VTUNE
Misc : SOIL
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 4
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.435 to 7.459 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	44981	PASS
75	95	30	60	44.5	99072	PASS
95	95	100	100	100.0	222656	PASS
96	95	5	9	6.5	14509	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.2	167509	PASS
175	174	5	9	6.9	11567	PASS
176	174	95	101	96.9	162285	PASS
177	176	5	9	6.5	10559	PASS

M7760.D VM8S1227.M Thu Dec 30 17:47:10 2004

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date(s): 12/17/04 12/17/04

Heated Purge (Y/N): N Calibration Times: 9:01 10:47

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF2 = D5652.D RRF10 = D5651.D

RRF20 = D5650.D RRF200 = D5653.D =

COMPOUND	RRF2	RRF10	RRF20	RRF200		RRF	% RSD
Acrolein	0.127	0.115	0.116	0.103		0.115	8.4
Acrylonitrile	0.609	0.633	0.596	0.569		0.602	4.5
Dichlorodifluoromethane	1.217	1.629	1.691	1.322		1.465	15.8
Chloromethane	1.439	1.644	1.548	1.310		1.485	9.7
Bromomethane	1.175	0.988	1.060	1.175		1.099	8.4
Vinyl Chloride	1.803	2.185	2.028	2.083		2.024	8.0
Chloroethane	1.410	1.335	1.194	1.185		1.281	8.6
Methylene Chloride	3.499	2.097	2.005	1.644		2.311	35.3
Acetone	1.719	0.943	0.755	0.516		0.983	53.0
Carbon Disulfide	4.029	4.595	4.802	4.288		4.429	7.7
Trichlorofluoromethane	4.657	4.642	4.951	4.005		4.564	8.7
1,1-Dichloroethene	2.288	2.413	2.494	2.192		2.346	5.7
1,1-Dichloroethane	3.163	3.344	2.986	2.699		3.048	9.0
T-butyl alcohol	0.125	0.124	0.146	0.131		0.132	7.7
cis-1,2-Dichloroethene	2.426	2.424	2.401	2.108		2.340	6.6
trans-1,2-Dichloroethene	2.178	2.335	2.337	2.114		2.241	5.0
Chloroform	3.085	3.281	3.293	2.890		3.137	6.1
1,2-Dichloroethane	2.625	2.788	2.752	2.470		2.658	5.4
2-Butanone	0.136	0.156	0.153	0.144		0.147	6.2
Methyl t-butyl ether	0.723	0.728	0.721	0.644		0.704	5.7
1,1,1-Trichloroethane	0.488	0.519	0.517	0.433		0.489	8.2
Carbon Tetrachloride	0.398	0.441	0.447	0.375		0.415	8.3
Vinyl Acetate	0.650	0.676	0.670	0.616		0.653	4.2
Bromodichloromethane	0.473	0.495	0.487	0.447		0.475	4.4
1,2-Dichloropropane	0.355	0.364	0.365	0.326		0.352	5.1
cis-1,3-Dichloropropene	0.518	0.594	0.600	0.542		0.564	7.1
Trichloroethene	0.380	0.417	0.418	0.367		0.396	6.6
Benzene	1.254	1.281	1.256	1.120		1.228	5.9
Dibromochloromethane	0.380	0.403	0.418	0.383		0.396	4.5
trans-1,3-Dichloropropene	0.497	0.576	0.569	0.553		0.549	6.5
1,1,2-Trichloroethane	0.308	0.323	0.318	0.295		0.311	4.0
2-Chloroethylvinylether	0.226	0.251	0.265	0.254		0.249	6.6
Bromoform	0.200	0.243	0.254	0.245		0.235	10.1
4-Methyl-2-Pentanone	0.350	0.364	0.367	0.337		0.354	3.9
2-Hexanone	0.232	0.242	0.253	0.237		0.241	3.7
Tetrachloroethene	0.306	0.316	0.309	0.274		0.301	6.2
1,1,2,2-Tetrachloroethane *	0.500	0.497	0.502	0.454		0.488	4.7 *
Toluene	0.848	0.871	0.872	0.777		0.842	5.3
Chlorobenzene	1.072	1.118	1.092	0.974		1.064	5.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date(s): 12/17/04 12/17/04

Heated Purge (Y/N): N Calibration Times: 9:01 10:47

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF2 = D5652.D RRF10 = D5651.D
RRF20 = D5650.D RRF200 = D5653.D =

COMPOUND	RRF2	RRF10	RRF20	RRF200		$\overline{RRF}$	% RSD
Ethylbenzene	1.632	1.708	1.697	1.548		1.646	4.5
Styrene	1.087	1.154	1.202	1.069		1.128	5.4
m,p-Xylene	1.339	1.372	1.365	1.216		1.323	5.5
o-Xylene	1.303	1.382	1.384	1.238		1.327	5.3
1,2-Dichlorobenzene	0.704	0.739	0.751	0.679		0.718	4.6
1,3-Dichlorobenzene	0.768	0.801	0.804	0.727		0.775	4.6
1,4-Dichlorobenzene	0.780	0.822	0.810	0.733		0.786	5.0
Naphthalene	1.272	1.315	1.316	1.164		1.267	5.7
1,2-Dichloroethane-d4	2.142	2.328	2.350	2.076		2.224	6.1
Toluene-d8	1.171	1.089	1.128	1.024		1.103	5.7
Bromofluorobenzene	0.481	0.445	0.458	0.426		0.453	5.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date(s): 12/27/04 12/27/04

Heated Purge (Y/N): Y Calibration Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = D5718.D RRF20 = D5719.D
RRF50 = D5820.D RRF100 = D5821.D RRF200 = D5822.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Acrolein		0.044	0.042	0.043	0.048	0.054	0.046	10.1	
Acrylonitrile		0.241	0.236	0.224	0.251	0.263	0.243	6.0	
Acetone		0.339	0.337	0.248	0.270	0.279	0.295	14.0	
Dichlorodifluoromethane		0.418	0.385	0.397	0.384	0.321	0.381	9.5	
Chloromethane	*	0.508	0.444	0.486	0.506	0.455	0.480	6.0	*
Vinyl Chloride	*	0.679	0.663	0.746	0.749	0.695	0.707	5.5	*
Bromomethane		0.438	0.350	0.412	0.435	0.370	0.401	9.8	
Chloroethane		0.429	0.402	0.448	0.454	0.422	0.431	4.9	
Trichoroflouromethane		0.908	0.854	0.961	0.961	0.751	0.887	9.9	
1,1-Dichloroethene	*	1.064	0.992	0.944	1.068	1.096	1.033	6.1	*
Carbon disulfide		1.915	1.752	1.710	1.923	2.032	1.866	7.1	
Methylene Chloride		1.179	0.931	0.809	0.843	0.872	0.927	16.0	
trans-1,2-Dichloroethene		0.950	0.882	0.849	0.927	0.964	0.915	5.2	
1,1-Dichloroethane	*	1.162	1.074	1.063	1.155	1.169	1.125	4.6	*
Vinyl acetate		1.290	1.199	1.149	1.259	1.172	1.214	4.9	
2,2-Dichloropropane		0.923	0.954	0.903	0.969	0.901	0.930	3.3	
2-Butanone		0.319	0.335	0.295	0.332	0.336	0.324	5.3	
cis-1,2-Dichloroethene		0.939	0.990	0.962	1.033	1.020	0.989	3.9	
Chloroform	*	1.207	1.160	1.128	1.222	1.194	1.182	3.2	*
Bromochloromethane		0.522	0.513	0.499	0.544	0.527	0.521	3.2	
1,1,1-Trichloroethane		0.967	0.901	0.859	0.931	0.905	0.913	4.4	
T-butyl alcohol		0.060	0.071	0.056	0.063	0.057	0.061	9.7	
1,1-Dichloropropene		0.736	0.588	0.496	0.505	0.496	0.564	18.3	
Carbon Tetrachloride		0.398	0.374	0.418	0.413	0.403	0.401	4.3	
1,2-Dichloroethane		0.541	0.504	0.478	0.521	0.502	0.509	4.6	
Benzene		1.259	1.194	1.136	1.221	1.225	1.207	3.8	
Trichloroethene		0.361	0.333	0.317	0.342	0.344	0.339	4.7	
1,2-Dichloropropane	*	0.353	0.339	0.325	0.351	0.349	0.343	3.4	*
Bromodichloromethane		0.458	0.435	0.422	0.461	0.464	0.448	4.1	
Dibromomethane		0.244	0.236	0.227	0.245	0.242	0.239	3.2	
2-Chloroethylvinylether		0.234	0.222	0.210	0.244	0.207	0.223	6.9	
cis-1,3-dichloropropene		0.599	0.567	0.556	0.605	0.598	0.585	3.7	
Toluene	*	1.235	1.145	1.080	1.173	1.187	1.164	4.9	*
trans-1,3-Dichloropropene		0.550	0.535	0.516	0.578	0.561	0.548	4.3	
1,1,2-Trichloroethane		0.316	0.301	0.285	0.313	0.307	0.304	4.0	
4-Methyl-2-pentanone		0.325	0.313	0.290	0.327	0.320	0.315	4.8	
1,2-Dibromoethane		0.381	0.364	0.354	0.393	0.381	0.374	4.1	
2-Hexanone		0.231	0.248	0.225	0.258	0.261	0.245	6.5	
1,3-dichloropropane		0.655	0.642	0.616	0.679	0.668	0.652	3.8	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date(s): 12/27/04 12/27/04

Heated Purge (Y/N): Y Calibration Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = D5718.D RRF20 = D5719.D
RRF50 = D5820.D RRF100 = D5821.D RRF200 = D5822.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Tetrachloroethene		0.378	0.354	0.338	0.366	0.373	0.362	4.4	
Dibromochloromethane		0.424	0.404	0.404	0.445	0.448	0.425	5.0	
Ethylbenzene	*	1.584	1.497	1.433	1.532	1.561	1.521	3.9	*
Chlorobenzene	*	1.028	0.957	0.919	0.991	1.001	0.979	4.3	*
1,1,1,2-Tetrachloroethane		0.391	0.375	0.362	0.393	0.394	0.383	3.7	
m,p-Xylene		1.226	1.184	1.120	1.193	1.213	1.187	3.4	
o-Xylene		1.250	1.201	1.140	1.227	1.231	1.210	3.5	
Styrene		1.058	1.017	0.974	1.031	1.019	1.020	3.0	
Bromoform	*	0.264	0.256	0.250	0.284	0.287	0.268	6.2	*
Isopropylbenzene		3.167	2.926	2.791	3.049	3.136	3.014	5.2	
1,1,2,2-Tetrachloroethane	*	1.091	1.064	0.995	1.093	1.075	1.063	3.8	*
1,2,3-Trichloropropane		0.868	0.830	0.780	0.848	0.845	0.834	4.0	
n-Propyl benzene		4.013	3.752	3.525	3.847	3.961	3.820	5.1	
Bromobenzene		1.383	1.299	1.257	1.371	1.395	1.341	4.5	
1,3,5-Trimethylbenzene		2.653	2.495	2.343	2.549	2.624	2.533	4.8	
2-Chlorotoluene		2.412	2.267	2.151	2.317	2.382	2.306	4.5	
4-Chlorotoluene		2.688	2.541	2.391	2.589	2.634	2.569	4.4	
tert-Butylbenzene		2.488	2.336	2.201	2.395	2.467	2.377	4.9	
1,2,4-Trimethylbenzene		2.682	2.565	2.382	2.584	2.639	2.570	4.5	
sec-Butylbenzene		3.905	3.642	3.389	3.676	3.798	3.682	5.3	
p-Isopropyltoluene		3.164	2.987	2.792	3.049	3.126	3.024	4.8	
1,3-Dichlorobenzene		1.609	1.532	1.447	1.563	1.616	1.554	4.4	
1,4-Dichlorobenzene		1.676	1.581	1.467	1.591	1.629	1.589	4.9	
n-Butylbenzene		2.842	2.727	2.501	2.724	2.791	2.717	4.8	
1,2-Dichlorobenzene		1.532	1.429	1.338	1.468	1.488	1.451	5.1	
1,2-Dibromo-3-Chloropropane		0.193	0.193	0.183	0.208	0.209	0.197	5.7	
1,2,4-Trichlorobenzene		0.879	0.839	0.775	0.849	0.865	0.841	4.8	
Hexachlorobutadiene		0.486	0.461	0.430	0.458	0.466	0.460	4.4	
Naphthalene		2.592	2.533	2.357	2.625	2.708	2.563	5.1	
1,2,3-Trichlorobenzene		0.818	0.771	0.715	0.784	0.801	0.778	5.1	
Methyl t-butyl ether		1.676	1.522	1.424	1.574	1.713	1.582	7.4	
1,2-Dichloroethane-d4		0.429	0.412	0.397	0.424	0.412	0.415	3.0	
Toluene-d8		1.031	0.962	0.907	0.972	0.986	0.972	4.6	
Bromofluorobenzene		0.414	0.392	0.373	0.404	0.396	0.396	3.8	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date(s): 12/27/04 12/27/04

Heated Purge (Y/N): Y Calibration Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M7700.D RRF20 = M7701.D
RRF50 = M7702.D RRF100 = M7703.D RRF200 = M7704.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Acrolein		0.047	0.042	0.035	0.042	0.041	0.042	10.7	
Acrylonitrile		0.289	0.268	0.241	0.258	0.293	0.270	8.0	
Acetone		0.517	0.317	0.238	0.275	0.261	0.321	35.1	
Dichlorodifluoromethane		0.408	0.326	0.340	0.339	0.257	0.334	16.1	
Chloromethane	*	0.823	0.616	0.781	0.722	0.786	0.745	10.9	*
Vinyl Chloride	*	0.852	0.664	0.663	0.801	0.693	0.735	11.8	*
Bromomethane		0.594	0.462	0.518	0.537	0.492	0.521	9.6	
Chloroethane		0.535	0.425	0.395	0.469	0.367	0.438	15.1	
Trichoroflouromethane		0.855	0.740	0.775	0.846	0.709	0.785	8.2	
1,1-Dichloroethene	*	1.183	1.038	0.919	1.024	1.008	1.034	9.2	*
Carbon disulfide		2.064	1.801	1.527	1.794	1.824	1.802	10.6	
Methylene Chloride		2.015	1.334	0.905	0.877	0.847	1.196	41.8	
trans-1,2-Dichloroethene		1.028	0.982	0.892	0.952	0.978	0.966	5.1	
1,1-Dichloroethane	*	1.281	1.200	1.188	1.178	1.299	1.229	4.6	*
Vinyl acetate		1.451	1.222	1.114	1.366	1.367	1.304	10.3	
2,2-Dichloropropane		1.152	1.079	0.917	1.052	0.999	1.040	8.5	
2-Butanone		0.433	0.372	0.335	0.358	0.403	0.380	10.2	
cis-1,2-Dichloroethene		1.074	1.012	0.980	0.993	1.064	1.025	4.1	
Chloroform	*	1.278	1.204	1.221	1.156	1.276	1.227	4.2	*
Bromochloromethane		0.479	0.460	0.444	0.442	0.490	0.463	4.6	
1,1,1-Trichloroethane		1.036	0.985	0.870	0.942	0.900	0.947	7.0	
T-butyl alcohol		0.065	0.060	0.060	0.055	0.074	0.063	12.0	
1,1-Dichloropropene		0.564	0.534	0.511	0.529	0.486	0.525	5.5	
Carbon Tetrachloride		0.450	0.409	0.360	0.404	0.347	0.394	10.4	
1,2-Dichloroethane		0.578	0.558	0.526	0.526	0.502	0.538	5.6	
Benzene		1.413	1.331	1.307	1.332	1.368	1.350	3.1	
Trichloroethene		0.393	0.374	0.363	0.362	0.373	0.373	3.3	
1,2-Dichloropropane	*	0.404	0.379	0.382	0.378	0.416	0.392	4.4	*
Bromodichloromethane		0.514	0.492	0.500	0.488	0.511	0.501	2.2	
Dibromomethane		0.244	0.231	0.233	0.225	0.243	0.235	3.5	
2-Chloroethylvinylether		0.248	0.247	0.267	0.248	0.286	0.259	6.7	
cis-1,3-dichloropropene		0.660	0.626	0.657	0.636	0.701	0.656	4.4	
Toluene	*	1.502	1.409	1.461	1.426	1.480	1.456	2.6	*
trans-1,3-Dichloropropene		0.595	0.583	0.645	0.600	0.640	0.613	4.5	
1,1,2-Trichloroethane		0.320	0.308	0.342	0.315	0.341	0.325	4.8	
4-Methyl-2-pentanone		0.445	0.421	0.429	0.396	0.437	0.425	4.5	
1,2-Dibromoethane		0.358	0.356	0.394	0.352	0.387	0.369	5.3	
2-Hexanone		0.358	0.314	0.316	0.292	0.314	0.319	7.6	
1,3-dichloropropane		0.723	0.686	0.709	0.672	0.723	0.703	3.2	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date(s): 12/27/04 12/27/04

Heated Purge (Y/N): Y Calibration Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M7700.D RRF20 = M7701.D
RRF50 = M7702.D RRF100 = M7703.D RRF200 = M7704.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Tetrachloroethene		0.403	0.379	0.377	0.380	0.376	0.383	3.0	
Dibromochloromethane		0.420	0.398	0.413	0.397	0.417	0.409	2.6	
Ethylbenzene	*	1.897	1.791	1.793	1.776	1.832	1.818	2.7	*
Chlorobenzene	*	1.120	1.038	1.030	1.021	1.075	1.057	3.9	*
1,1,1,2-Tetrachloroethane		0.362	0.347	0.355	0.343	0.356	0.353	2.1	
m,p-Xylene		1.435	1.341	1.346	1.335	1.351	1.362	3.1	
o-Xylene		1.428	1.364	1.366	1.334	1.349	1.368	2.6	
Styrene		1.118	1.048	1.095	1.073	1.087	1.084	2.4	
Bromoform	*	0.234	0.227	0.246	0.228	0.235	0.234	3.3	*
Isopropylbenzene		3.673	3.329	3.295	3.331	3.503	3.426	4.7	
1,1,2,2-Tetrachloroethane	*	1.039	0.945	0.975	0.931	1.059	0.990	5.7	*
1,2,3-Trichloropropane		0.916	0.815	0.831	0.769	0.863	0.839	6.5	
n-Propyl benzene		4.854	4.429	4.401	4.494	4.695	4.575	4.2	
Bromobenzene		1.639	1.517	1.494	1.483	1.596	1.546	4.4	
1,3,5-Trimethylbenzene		2.970	2.707	2.690	2.731	2.870	2.793	4.4	
2-Chlorotoluene		2.830	2.576	2.570	2.556	2.681	2.642	4.4	
4-Chlorotoluene		3.142	2.889	2.852	2.840	2.981	2.941	4.3	
tert-Butylbenzene		2.796	2.530	2.559	2.487	2.587	2.592	4.6	
1,2,4-Trimethylbenzene		2.998	2.720	2.775	2.734	2.881	2.822	4.1	
sec-Butylbenzene		4.415	3.973	4.025	4.019	4.148	4.116	4.3	
p-Isopropyltoluene		3.505	3.128	3.167	3.122	3.276	3.240	5.0	
1,3-Dichlorobenzene		1.742	1.560	1.599	1.556	1.639	1.619	4.7	
1,4-Dichlorobenzene		1.759	1.581	1.610	1.557	1.649	1.631	4.9	
n-Butylbenzene		3.354	3.085	3.067	3.055	3.171	3.146	4.0	
1,2-Dichlorobenzene		1.573	1.428	1.432	1.379	1.472	1.457	5.0	
1,2-Dibromo-3-Chloropropane		0.172	0.160	0.166	0.152	0.181	0.166	6.7	
1,2,4-Trichlorobenzene		0.877	0.771	0.779	0.760	0.811	0.800	5.9	
Hexachlorobutadiene		0.437	0.380	0.366	0.367	0.362	0.383	8.2	
Naphthalene		2.598	2.070	2.213	2.090	2.427	2.280	10.0	
1,2,3-Trichlorobenzene		0.786	0.674	0.687	0.669	0.725	0.708	6.9	
Methyl t-butyl ether		2.099	1.862	1.182	1.749	1.421	1.662	21.8	
1,2-Dichloroethane-d4		0.466	0.449	0.426	0.417	0.404	0.432	5.8	
Toluene-d8		1.228	1.164	1.217	1.155	1.215	1.196	2.8	
Bromofluorobenzene		0.448	0.445	0.471	0.439	0.435	0.448	3.2	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date: 12/27/04 Time: 12:52

Lab File ID: D5824.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.046	0.056		-21.3	
Acrylonitrile	0.243	0.287		-18.0	
Acetone	0.295	0.371		-25.8	
Dichlorodifluoromethane	0.381	0.343		10.0	
Chloromethane	0.480	0.512	0.100	-6.6	0.0
Vinyl Chloride	0.707	0.748	0.100	-5.8	20.0
Bromomethane	0.401	0.439		-9.6	
Chloroethane	0.431	0.446		-3.5	
Trichoroflouromethane	0.887	0.940		-5.9	
1,1-Dichloroethene	1.033	1.091	0.100	-5.6	20.0
Carbon disulfide	1.866	1.979		-6.1	
Methylene Chloride	0.927	0.952		-2.7	
trans-1,2-Dichloroethene	0.915	0.986		-7.8	
1,1-Dichloroethane	1.125	1.207	0.100	-7.3	0.0
Vinyl acetate	1.214	1.310		-7.9	
2,2-Dichloropropane	0.930	0.860		7.5	
2-Butanone	0.324	0.356		-10.1	
cis-1,2-Dichloroethene	0.989	0.946		4.3	
Chloroform	1.182	1.183	0.100	-0.1	20.0
Bromochloromethane	0.521	0.466		10.6	
1,1,1-Trichloroethane	0.913	0.920		-0.8	
T-butyl alcohol	0.061	0.073		-18.5	
1,1-Dichloropropene	0.564	0.539		4.5	
Carbon Tetrachloride	0.401	0.445		-10.9	
1,2-Dichloroethane	0.509	0.516		-1.2	
Benzene	1.207	1.268		-5.0	
Trichloroethene	0.339	0.350		-3.0	
1,2-Dichloropropane	0.343	0.368	0.100	-7.3	20.0
Bromodichloromethane	0.448	0.465		-3.7	
Dibromomethane	0.239	0.248		-3.7	
2-Chloroethylvinylether	0.223	0.222		0.6	
cis-1,3-dichloropropene	0.585	0.618		-5.7	
Toluene	1.164	1.205	0.100	-3.6	20.0
trans-1,3-Dichloropropene	0.548	0.563		-2.8	
1,1,2-Trichloroethane	0.304	0.320		-5.0	
4-Methyl-2-pentanone	0.315	0.359		-13.9	
1,2-Dibromoethane	0.374	0.395		-5.4	
2-Hexanone	0.245	0.299		-22.1	
1,3-dichloropropane	0.652	0.708		-8.7	

All other compounds must meet a minimum RRF of 0.010.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date: 12/27/04 Time: 12:52

Lab File ID: D5824.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.362	0.383		-5.8	
Dibromochloromethane	0.425	0.456		-7.2	
Ethylbenzene	1.521	1.624	0.100	-6.8	20.0
Chlorobenzene	0.979	1.031	0.100	-5.3	0.0
1,1,1,2-Tetrachloroethane	0.383	0.404		-5.4	
m,p-Xylene	1.187	1.247		-5.0	
o-Xylene	1.210	1.273		-5.2	
Styrene	1.020	1.070		-4.9	
Bromoform	0.268	0.295	0.100	-10.0	0.0
Isopropylbenzene	3.014	3.188		-5.8	
1,1,2,2-Tetrachloroethane	1.063	1.188	0.100	-11.7	0.0
1,2,3-Trichloropropane	0.834	0.935		-12.1	
n-Propyl benzene	3.820	4.078		-6.8	
Bromobenzene	1.341	1.441		-7.5	
1,3,5-Trimethylbenzene	2.533	2.692		-6.3	
2-Chlorotoluene	2.306	2.467		-7.0	
4-Chlorotoluene	2.569	2.743		-6.8	
tert-Butylbenzene	2.377	2.529		-6.4	
1,2,4-Trimethylbenzene	2.570	2.700		-5.0	
sec-Butylbenzene	3.682	3.893		-5.7	
p-Isopropyltoluene	3.024	3.195		-5.7	
1,3-Dichlorobenzene	1.554	1.656		-6.6	
1,4-Dichlorobenzene	1.589	1.663		-4.7	
n-Butylbenzene	2.717	2.916		-7.3	
1,2-Dichlorobenzene	1.451	1.531		-5.6	
1,2-Dibromo-3-Chloropropane	0.197	0.216		-9.6	
1,2,4-Trichlorobenzene	0.841	0.908		-7.9	
Hexachlorobutadiene	0.460	0.498		-8.1	
Naphthalene	2.563	2.822		-10.1	
1,2,3-Trichlorobenzene	0.778	0.839		-7.9	
Methyl t-butyl ether	1.582	1.791		-13.2	
1,2-Dichloroethane-d4	0.415	0.421		-1.4	
Toluene-d8	0.972	1.019		-4.9	
Bromofluorobenzene	0.396	0.415		-5.0	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date: 12/28/04 Time: 10:44

Lab File ID: D5846.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.046	0.040		14.0	
Acrylonitrile	0.243	0.242		0.6	
Acetone	0.295	0.262		11.0	
Dichlorodifluoromethane	0.381	0.362		4.9	
Chloromethane	0.480	0.476	0.100	0.7	0.0
Vinyl Chloride	0.707	0.711	0.100	-0.6	20.0
Bromomethane	0.401	0.404		-0.7	
Chloroethane	0.431	0.448		-3.8	
Trichoroflouromethane	0.887	0.962		-8.5	
1,1-Dichloroethene	1.033	0.858	0.100	16.9	20.0
Carbon disulfide	1.866	1.504		19.4	
Methylene Chloride	0.927	0.853		7.9	
trans-1,2-Dichloroethene	0.915	0.902		1.4	
1,1-Dichloroethane	1.125	1.117	0.100	0.7	0.0
Vinyl acetate	1.214	1.241		-2.3	
2,2-Dichloropropane	0.930	0.962		-3.4	
2-Butanone	0.324	0.330		-1.8	
cis-1,2-Dichloroethene	0.989	1.026		-3.7	
Chloroform	1.182	1.191	0.100	-0.7	20.0
Bromochloromethane	0.521	0.524		-0.6	
1,1,1-Trichloroethane	0.913	0.906		0.8	
T-butyl alcohol	0.061	0.064		-3.7	
1,1-Dichloropropene	0.564	0.516		8.5	
Carbon Tetrachloride	0.401	0.430		-7.3	
1,2-Dichloroethane	0.509	0.494		3.1	
Benzene	1.207	1.194		1.1	
Trichloroethene	0.339	0.333		1.8	
1,2-Dichloropropane	0.343	0.345	0.100	-0.6	20.0
Bromodichloromethane	0.448	0.440		1.9	
Dibromomethane	0.239	0.231		3.3	
2-Chloroethylvinylether	0.223	0.239		-7.2	
cis-1,3-dichloropropene	0.585	0.583		0.4	
Toluene	1.164	1.152	0.100	1.1	20.0
trans-1,3-Dichloropropene	0.548	0.553		-0.9	
1,1,2-Trichloroethane	0.304	0.304		0.2	
4-Methyl-2-pentanone	0.315	0.319		-1.2	
1,2-Dibromoethane	0.374	0.373		0.3	
2-Hexanone	0.245	0.248		-1.4	
1,3-dichloropropane	0.652	0.649		0.5	

All other compounds must meet a minimum RRF of 0.010.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971D Calibration Date: 12/28/04 Time: 10:44

Lab File ID: D5846.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 8:59 11:21

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.362	0.363		-0.4	
Dibromochloromethane	0.425	0.421		0.9	
Ethylbenzene	1.521	1.526	0.100	-0.3	20.0
Chlorobenzene	0.979	0.973	0.100	0.6	0.0
1,1,1,2-Tetrachloroethane	0.383	0.385		-0.4	
m,p-Xylene	1.187	1.181		0.5	
o-Xylene	1.210	1.205		0.4	
Styrene	1.020	1.015		0.5	
Bromoform	0.268	0.276	0.100	-2.8	0.0
Isopropylbenzene	3.014	3.013		0.0	
1,1,2,2-Tetrachloroethane	1.063	1.079	0.100	-1.4	0.0
1,2,3-Trichloropropane	0.834	0.847		-1.6	
n-Propyl benzene	3.820	3.811		0.2	
Bromobenzene	1.341	1.343		-0.2	
1,3,5-Trimethylbenzene	2.533	2.507		1.0	
2-Chlorotoluene	2.306	2.298		0.3	
4-Chlorotoluene	2.569	2.581		-0.5	
tert-Butylbenzene	2.377	2.378		0.0	
1,2,4-Trimethylbenzene	2.570	2.548		0.9	
sec-Butylbenzene	3.682	3.642		1.1	
p-Isopropyltoluene	3.024	3.010		0.4	
1,3-Dichlorobenzene	1.554	1.553		0.1	
1,4-Dichlorobenzene	1.589	1.559		1.9	
n-Butylbenzene	2.717	2.736		-0.7	
1,2-Dichlorobenzene	1.451	1.443		0.5	
1,2-Dibromo-3-Chloropropane	0.197	0.200		-1.3	
1,2,4-Trichlorobenzene	0.841	0.840		0.1	
Hexachlorobutadiene	0.460	0.465		-1.0	
Naphthalene	2.563	2.533		1.2	
1,2,3-Trichlorobenzene	0.778	0.769		1.2	
Methyl t-butyl ether	1.582	1.488		6.0	
1,2-Dichloroethane-d4	0.415	0.406		2.0	
Toluene-d8	0.972	0.971		0.0	
Bromofluorobenzene	0.396	0.395		0.1	

All other compounds must meet a minimum RRF of 0.010.

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7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 12/29/04 Time: 8:43

Lab File ID: M7751.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.042	0.042		-0.9	
Acrylonitrile	0.270	0.284		-5.1	
Acetone	0.321	0.299		6.9	
Dichlorodifluoromethane	0.334	0.362		-8.3	
Chloromethane	0.745	0.682	0.100	8.5	0.0
Vinyl Chloride	0.735	0.734	0.100	0.1	20.0
Bromomethane	0.521	0.504		3.1	
Chloroethane	0.438	0.472		-7.6	
Trichoroflouromethane	0.785	0.858		-9.4	
1,1-Dichloroethene	1.034	1.021	0.100	1.3	20.0
Carbon disulfide	1.802	1.737		3.6	
Methylene Chloride	1.196	0.976		18.4	
trans-1,2-Dichloroethene	0.966	0.994		-2.8	
1,1-Dichloroethane	1.229	1.234	0.100	-0.4	0.0
Vinyl acetate	1.304	1.475		-13.1	
2,2-Dichloropropane	1.040	1.126		-8.3	
2-Butanone	0.380	0.404		-6.4	
cis-1,2-Dichloroethene	1.025	1.056		-3.1	
Chloroform	1.227	1.237	0.100	-0.8	20.0
Bromochloromethane	0.463	0.464		-0.3	
1,1,1-Trichloroethane	0.947	1.014		-7.1	
T-butyl alcohol	0.063	0.059		6.5	
1,1-Dichloropropene	0.525	0.552		-5.2	
Carbon Tetrachloride	0.394	0.428		-8.6	
1,2-Dichloroethane	0.538	0.561		-4.3	
Benzene	1.350	1.384		-2.5	
Trichloroethene	0.373	0.383		-2.8	
1,2-Dichloropropane	0.392	0.401	0.100	-2.4	20.0
Bromodichloromethane	0.501	0.518		-3.4	
Dibromomethane	0.235	0.238		-1.4	
2-Chloroethylvinylether	0.259	0.265		-2.4	
cis-1,3-dichloropropene	0.656	0.664		-1.2	
Toluene	1.456	1.472	0.100	-1.1	20.0
trans-1,3-Dichloropropene	0.613	0.624		-1.9	
1,1,2-Trichloroethane	0.325	0.327		-0.5	
4-Methyl-2-pentanone	0.425	0.423		0.7	
1,2-Dibromoethane	0.369	0.371		-0.5	
2-Hexanone	0.319	0.317		0.6	
1,3-dichloropropane	0.703	0.718		-2.2	

All other compounds must meet a minimum RRF of 0.010.

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7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 12/29/04 Time: 8:43

Lab File ID: M7751.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.383	0.405		-5.8	
Dibromochloromethane	0.409	0.418		-2.3	
Ethylbenzene	1.818	1.871	0.100	-2.9	20.0
Chlorobenzene	1.057	1.064	0.100	-0.7	0.0
1,1,1,2-Tetrachloroethane	0.353	0.363		-2.8	
m,p-Xylene	1.362	1.404		-3.1	
o-Xylene	1.368	1.403		-2.6	
Styrene	1.084	1.126		-3.8	
Bromoform	0.234	0.240	0.100	-2.3	0.0
Isopropylbenzene	3.426	3.420		0.2	
1,1,2,2-Tetrachloroethane	0.990	0.971	0.100	1.9	0.0
1,2,3-Trichloropropane	0.839	0.809		3.6	
n-Propyl benzene	4.575	4.599		-0.5	
Bromobenzene	1.546	1.516		1.9	
1,3,5-Trimethylbenzene	2.793	2.820		-1.0	
2-Chlorotoluene	2.642	2.636		0.2	
4-Chlorotoluene	2.941	2.957		-0.6	
tert-Butylbenzene	2.592	2.578		0.5	
1,2,4-Trimethylbenzene	2.822	2.827		-0.2	
sec-Butylbenzene	4.116	4.129		-0.3	
p-Isopropyltoluene	3.240	3.296		-1.7	
1,3-Dichlorobenzene	1.619	1.624		-0.3	
1,4-Dichlorobenzene	1.631	1.622		0.6	
n-Butylbenzene	3.146	3.203		-1.8	
1,2-Dichlorobenzene	1.457	1.439		1.3	
1,2-Dibromo-3-Chloropropane	0.166	0.164		1.4	
1,2,4-Trichlorobenzene	0.800	0.828		-3.5	
Hexachlorobutadiene	0.383	0.402		-5.0	
Naphthalene	2.280	2.284		-0.2	
1,2,3-Trichlorobenzene	0.708	0.739		-4.3	
Methyl t-butyl ether	1.662	1.879		-13.1	
1,2-Dichloroethane-d4	0.432	0.448		-3.7	
Toluene-d8	1.196	1.197		-0.1	
Bromofluorobenzene	0.448	0.444		0.7	

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 12/29/04 Time: 14:03

Lab File ID: M7761.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.042	0.050		-19.4	
Acrylonitrile	0.270	0.327		-21.0	
Acetone	0.321	0.294		8.6	
Dichlorodifluoromethane	0.334	0.262		21.5	
Chloromethane	0.745	0.720	0.100	3.4	0.0
Vinyl Chloride	0.735	0.772	0.100	-5.0	20.0
Bromomethane	0.521	0.443		14.9	
Chloroethane	0.438	0.386		12.0	
Trichoroflouromethane	0.785	0.689		12.2	
1,1-Dichloroethene	1.034	0.990	0.100	4.3	20.0
Carbon disulfide	1.802	1.971		-9.4	
Methylene Chloride	1.196	1.139		4.7	
trans-1,2-Dichloroethene	0.966	0.988		-2.3	
1,1-Dichloroethane	1.229	1.279	0.100	-4.0	0.0
Vinyl acetate	1.304	1.636		-25.5	
2,2-Dichloropropane	1.040	0.969		6.8	
2-Butanone	0.380	0.425		-11.8	
cis-1,2-Dichloroethene	1.025	1.065		-3.9	
Chloroform	1.227	1.138	0.100	7.2	20.0
Bromochloromethane	0.463	0.482		-4.1	
1,1,1-Trichloroethane	0.947	0.844		10.9	
T-butyl alcohol	0.063	0.060		3.8	
1,1-Dichloropropene	0.525	0.549		-4.7	
Carbon Tetrachloride	0.394	0.322		18.2	
1,2-Dichloroethane	0.538	0.445		17.3	
Benzene	1.350	1.400		-3.7	
Trichloroethene	0.373	0.350		6.1	
1,2-Dichloropropane	0.392	0.403	0.100	-3.0	20.0
Bromodichloromethane	0.501	0.434		13.5	
Dibromomethane	0.235	0.215		8.6	
2-Chloroethylvinylether	0.259	0.261		-0.8	
cis-1,3-dichloropropene	0.656	0.605		7.8	
Toluene	1.456	1.382	0.100	5.0	20.0
trans-1,3-Dichloropropene	0.613	0.539		12.0	
1,1,2-Trichloroethane	0.325	0.307		5.7	
4-Methyl-2-pentanone	0.425	0.424		0.3	
1,2-Dibromoethane	0.369	0.337		8.7	
2-Hexanone	0.319	0.323		-1.4	
1,3-dichloropropane	0.703	0.689		2.0	

All other compounds must meet a minimum RRF of 0.010.

200

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 12/29/04 Time: 14:03

Lab File ID: M7761.D Init. Calib. Date(s): 12/27/04 12/27/04

Heated Purge: (Y/N) Y Init. Calib. Times: 11:04 13:19

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.383	0.359		6.2	
Dibromochloromethane	0.409	0.365		10.7	
Ethylbenzene	1.818	1.730	0.100	4.9	20.0
Chlorobenzene	1.057	1.020	0.100	3.5	0.0
1,1,1,2-Tetrachloroethane	0.353	0.314		11.1	
m,p-Xylene	1.362	1.267		7.0	
o-Xylene	1.368	1.256		8.2	
Styrene	1.084	1.048		3.4	
Bromoform	0.234	0.201	0.100	14.3	0.0
Isopropylbenzene	3.426	3.424		0.0	
1,1,2,2-Tetrachloroethane	0.990	1.030	0.100	-4.1	0.0
1,2,3-Trichloropropane	0.839	0.826		1.6	
n-Propyl benzene	4.575	4.611		-0.8	
Bromobenzene	1.546	1.531		1.0	
1,3,5-Trimethylbenzene	2.793	2.718		2.7	
2-Chlorotoluene	2.642	2.589		2.0	
4-Chlorotoluene	2.941	2.853		3.0	
tert-Butylbenzene	2.592	2.477		4.4	
1,2,4-Trimethylbenzene	2.822	2.742		2.8	
sec-Butylbenzene	4.116	4.049		1.6	
p-Isopropyltoluene	3.240	3.117		3.8	
1,3-Dichlorobenzene	1.619	1.543		4.7	
1,4-Dichlorobenzene	1.631	1.548		5.1	
n-Butylbenzene	3.146	3.047		3.2	
1,2-Dichlorobenzene	1.457	1.367		6.2	
1,2-Dibromo-3-Chloropropane	0.166	0.157		5.7	
1,2,4-Trichlorobenzene	0.800	0.735		8.1	
Hexachlorobutadiene	0.383	0.344		10.2	
Naphthalene	2.280	2.143		6.0	
1,2,3-Trichlorobenzene	0.708	0.637		10.1	
Methyl t-butyl ether	1.662	2.059		-23.8	
1,2-Dichloroethane-d4	0.432	0.364		15.9	
Toluene-d8	1.196	1.134		5.2	
Bromofluorobenzene	0.448	0.381		14.8	

All other compounds must meet a minimum RRF of 0.010.

201

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	VBLKD97	100	101	98	0
02	NS-1SMS	106	96	56 *	1
03	NS-1SMSD	103	93	52 *	1
04	NS-1S	105	99	69 *	1
05	NS-2	111	90	39 *	1
06	NS-3	109	102	75	0
07	NS-4S	125 *	84	56 *	2
08	NS-6	127 *	100	57 *	2
09	VBLKD98	101	101	100	0
10	NS-9	112	90	72 *	1
11	NS-10	109	95	80	0
12	NS-2	116	91	49 *	1
13	NS-4S	130 *	85	59 *	2

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL-	=	Toluene-d8	(81-117)
SMC3	(BFB)	=	Bromofluorobenzene	(74-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

202

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 #	TOT OUT
01	VBLKD92	88	92	90	0
02	MW-3MS	88	92	92	0
03	MW-3MSD	87	93	91	0
04	NS-1W	81	99	94	0
05	MS-4W	82	98	94	0

QC LIMITS

SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3		=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	TB	97	101	95	0

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL-	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

204

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE- #)	SMC2 (TOL- #)	SMC3 (BFB) #	TOT OUT
01	VBLKM67	99	93	87	0
02	NS-9	106	89	73 *	1
03	NS-5	129 *	74 *	18 *	3
04	NS-6	125 *	89	45 *	2
05	NS-8	116	84	67 *	1
06	VBLKM68	84	93	83	0
07	NS-5	98	88	35 *	1
08	NS-7	101	99	79	0
09	NS-8	136 *	80 *	62 *	3

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL-	=	Toluene-d8	(81-117)
SMC3	(BFB)	=	Bromofluorobenzene	(74-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

205

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): D5650.D Date Analyzed: 12/17/04

Instrument ID: HP5971D Time Analyzed: 9:01

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR ST	176055	5.97	894979	7.56	798319	11.83
	UPPER LIMIT	352110	6.47	1789958	8.06	1596638	12.33
	LOWER LIMI	88028	5.47	447490	7.06	399160	11.33
	EPA SAMPLE NO.						
01	VBLKD92	204210	5.95	1013205	7.57	917929	11.84
02	MW-3MS	195010	5.94	932712	7.55	824782	11.83
03	MW-3MSD	208793	5.93	1002330	7.55	884705	11.83
04	NS-1W	231174	5.94	1089150	7.56	980303	11.83
05	MS-4W	243535	5.96	1180819	7.56	1040025	11.83

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

206

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): D5824.D Date Analyzed: 12/27/04

Instrument ID: HP5971D Time Analyzed: 12:52

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	516108	6.48	1046292	7.54	907637	11.83
	UPPER LIMIT	1032216	6.98	2092584	8.04	1815274	12.33
	LOWER LIMIT	258054	5.98	523146	7.04	453819	11.33
	EPA SAMPLE NO.						
01	VBLKD97	508279	6.50	1019450	7.56	893922	11.83
02	NS-1SMS	275633	6.49	563805	7.56	375659 *	11.82
03	NS-1SMSD	236095 *	6.49	472252 *	7.55	296295 *	11.82
04	TB	527856	6.47	1089916	7.55	937738	11.81
05	NS-1S	295768	6.48	604712	7.54	441364 *	11.81
06	NS-2	197431 *	6.49	396152 *	7.53	211921 *	11.81
07	NS-3	313118	6.51	603547	7.55	456124	11.81
08	NS-4S	228541 *	6.50	493629 *	7.54	310622 *	11.81
09	NS-6	189639 *	6.48	372844 *	7.53	255158 *	11.81

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

207

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): D5824.D Date Analyzed: 12/27/04

Instrument ID: HP5971D Time Analyzed: 12:52

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y (Y)

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	424859	14.85				
	UPPER LIMIT	849718	14.35				
	LOWER LIMIT	212430	15.35				
	EPA SAMPLE NO.						
01	VBLKD97	413218	14.85				
02	NS-1SMS	89727 *	14.84				
03	NS-1SMSD	67319 *	14.84				
04	TB	420427	14.84				
05	NS-1S	132055 *	14.84				
06	NS-2	33579 *	14.84				
07	NS-3	157478 *	14.84				
08	NS-4S	79331 *	14.84				
09	NS-6	60181 *	14.84				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

208

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): D5846.D Date Analyzed: 12/28/04

Instrument ID: HP5971D Time Analyzed: 10:44

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	477648	6.49	975264	7.53	859373	11.80
	UPPER LIMIT	955296	6.99	1950528	8.03	1718746	12.30
	LOWER LIMIT	238824	5.99	487632	7.03	429687	11.30
	EPA SAMPLE NO.						
01	VBLKD98	463457	6.47	923053	7.51	812679	11.81
02	NS-9	284211	6.50	595378	7.53	431914	11.81
03	NS-10	317272	6.50	651596	7.54	501673	11.81
04	NS-2	202444 *	6.50	403589 *	7.53	242548 *	11.82
05	NS-3	241479	6.51	456538 *	7.54	338540 *	11.82
06	NS-4S	223561 *	6.51	468054 *	7.55	301228 *	11.82

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

209

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): D5846.D Date Analyzed: 12/28/04

Instrument ID: HP5971D Time Analyzed: 10:44

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	410036	14.84				
	UPPER LIMIT	820072	14.34				
	LOWER LIMIT	205018	15.34				
	EPA SAMPLE NO.						
01	VBLKD98	385327	14.84				
02	NS-9	140115 *	14.84				
03	NS-10	175053 *	14.84				
04	NS-2	49027 *	14.85				
05	NS-3	114225 *	14.85				
06	NS-4S	77117 *	14.85				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

210

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): M7751.D Date Analyzed: 12/29/04

Instrument ID: HP5971M Time Analyzed: 8:43

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	371971	7.68	696632	8.82	625665	14.13
	UPPER LIMIT	743942	8.18	1393264	9.32	1251330	14.63
	LOWER LIMIT	185986	7.18	348316	8.32	312833	13.63
	EPA SAMPLE NO.						
01	VBLKM67	389954	7.69	727719	8.83	630640	14.13
02	NS-9	276249	7.69	510497	8.83	400433	14.12
03	NS-10	248558	7.69	451776	8.82	345181	14.12
04	NS-5	118977 *	7.69	173603 *	8.83	58607 *	14.13
05	NS-6	148338 *	7.69	257897 *	8.83	161246 *	14.13
06	NS-8	201165	7.69	377128	8.83	276180 *	14.13

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

211

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M7751.D Date Analyzed: 12/29/04

Instrument ID: HP5971M Time Analyzed: 08:43

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	300148	20.22				
	UPPER LIMIT	600296	19.72				
	LOWER LIMIT	150074	20.72				
	EPA SAMPLE NO.						
01	VBLKM67	267230	20.22				
02	NS-9	137491 *	20.22				
03	NS-10	106104 *	20.22				
04	NS-5	7711 *	20.22				
05	NS-6	32823 *	20.22				
06	NS-8	87732 *	20.22				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): M7761.D Date Analyzed: 12/29/04

Instrument ID: HP5971M Time Analyzed: 14:03

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	438038	7.69	868927	8.83	748554	14.13
	UPPER LIMIT	876076	8.19	1737854	9.33	1497108	14.63
	LOWER LIMIT	219019	7.19	434464	8.33	374277	13.63
	EPA SAMPLE NO.						
01	VBLKM68	529950	7.69	1036991	8.83	887473	14.13
02	NS-5	229081	7.69	363883 *	8.83	184127 *	14.13
03	NS-7	300363	7.69	558495	8.83	445279	14.12
04	NS-8	25432 *	7.69	53002 *	8.83	33901 *	14.13

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

213

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): M7761.D Date Analyzed: 12/29/04

Instrument ID: HP5971M Time Analyzed: 14:03

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	313987	20.22				
	UPPER LIMIT	627974	19.72				
	LOWER LIMIT	156994	20.72				
	EPA SAMPLE NO.						
01	VBLKM68	363436	20.22				
02	NS-5	32074 *	20.22				
03	NS-7	159803	20.22				
04	NS-8	9725 *	20.23				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

214

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No MW-3

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	44	88	61 - 145
Trichloroethene	50	0.0	50	100	71 - 120
Benzene	50	0.0	51	102	76 - 127
Toluene	50	0.0	49	98	76 - 125
Chlorobenzene	50	0.0	47	94	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	44	88	0	14	61 - 145
Trichloroethene	50	49	98	2	14	71 - 120
Benzene	50	50	100	2	11	76 - 127
Toluene	50	49	98	0	13	76 - 125
Chlorobenzene	50	47	94	0	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

215

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. NS-1S Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	43	86	59 - 172
Benzene	50	0.0	57	114	66 - 142
Trichloroethene	50	2.2	47	90	62 - 137
Toluene	50	0.0	54	108	59 - 139
Chlorobenzene	50	0.0	48	96	60 - 133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	43	86	0	22	59 - 172
Benzene	50	57	114	0	21	66 - 142
Trichloroethene	50	46	88	2	22	62 - 137
Toluene	50	47	94	14	21	59 - 139
Chlorobenzene	50	48	96	0	21	60 - 133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD92

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKD92

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5655.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
107028	Acrolein	6	U
107131	Acrylonitrile	7	U
75718	Dichlorodifluoromethane	2	U
74873	Chloromethane	2	U
74839	Bromomethane	2	U
75014	Vinyl Chloride	2	U
75003	Chloroethane	2	U
75092	Methylene Chloride	0.6	J
75694	Trichlorofluoromethane	0.4	U
75354	1,1-Dichloroethene	0.4	U
75343	1,1-Dichloroethane	0.4	U
75650	T-butyl alcohol	10	U
156606	trans-1,2-Dichloroethene	0.4	U
67663	Chloroform	0.4	U
107062	1,2-Dichloroethane	0.4	U
1634044	Methyl t-butyl ether	4	U
71556	1,1,1-Trichloroethane	0.4	U
56235	Carbon Tetrachloride	0.4	U
75274	Bromodichloromethane	0.4	U
78875	1,2-Dichloropropane	0.4	U
10061015	cis-1,3-Dichloropropene	0.4	U
79016	Trichloroethene	0.4	U
71432	Benzene	0.4	U
124481	Dibromochloromethane	0.4	U
10061026	trans-1,3-Dichloropropene	0.4	U
79005	1,1,2-Trichloroethane	0.4	U
110758	2-Chloroethylvinylether	2	U
75252	Bromoform	0.4	U
127184	Tetrachloroethene	0.4	U
79345	1,1,2,2-Tetrachloroethane	50	U
108883	Toluene	0.4	U
108907	Chlorobenzene	0.4	U
100414	Ethylbenzene	1	U
95501	1,2-Dichlorobenzene	0.4	U
541731	1,3-Dichlorobenzene	0.4	U
106467	1,4-Dichlorobenzene	0.4	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKD92

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKD92

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: D5655.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/17/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	2.82	7	JN

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD97

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD97

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5826.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	5	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD97

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD97

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5826.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKD97

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD97

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5826.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/27/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

221

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD98

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD98

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5848.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	3	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKD98

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD98

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5848.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKD98

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKD98

Sample wt/vol: 5.0 (g/ml) G Lab File ID: D5848.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/28/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM67

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM67

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7753.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	2	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	4	J
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM67

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM67

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7753.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKM67

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM67

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7753.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM68

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM68

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7763.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	4	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM68

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM68

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7763.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKM68

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM68

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M7763.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 12/29/04

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKD92

Lab Name: ACREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: D5655.D Lab Sample ID: VBLKD92

Date Analyzed: 12/17/04 Time Analyzed: 12:05

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5971D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-3MS	0413073MS	D5666.D	18:23
02	MW-3MSD	0413073MSD	D5667.D	18:59
03	NS-1W	0413149	D5674.D	23:11
04	MS-4W	0413153	D5675.D	23:47

COMMENTS

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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKD97

Lab Name: ACCREDITED LAB, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: D5826.D Lab Sample ID: VBLKD97

Date Analyzed: 12/27/04 Time Analyzed: 14:34

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NS-1SMS	0413148MS	D5834.D	19:13
02	NS-1SMSD	0413148MSD	D5835.D	19:49
03	TB	0413147	D5836.D	20:25
04	NS-1S	0413148	D5837.D	21:01
05	NS-2	0413150	D5838.D	21:37
06	NS-3	0413151	D5839.D	22:13
07	NS-4S	0413152	D5840.D	22:49
08	NS-6	0413155	D5842.D	0:01

COMMENTS

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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKD98

Lab Name: ACCREDITED LAB, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Lab File ID: D5848.D Lab Sample ID: VBLKD98

Date Analyzed: 12/28/04 Time Analyzed: 11:46

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NS-9	0413158	D5849.D	12:17
02	NS-10	0413159	D5850.D	12:51
03	NS-2	0413150	D5852.D	13:57
04	NS-4S	0413152	D5854.D	14:59

COMMENTS

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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM67

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: M7753.D Lab Sample ID: VBLKM67

Date Analyzed: 12/29/04 Time Analyzed: 9:53

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NS-9	0413158	M7754.D	10:29
02	NS-5	0413154	M7756.D	11:36
03	NS-6	0413155	M7757.D	12:08
04	NS-8	0413157	M7758.D	12:42

COMMENTS

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4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM68

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: M7763.D Lab Sample ID: VBLKM68

Date Analyzed: 12/29/04 Time Analyzed: 15:10

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	NS-5	0413154	M7764.D	15:43
02	NS-7	0413156	M7765.D	16:16
03	NS-8	0413157	M7766.D	16:50

COMMENTS

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: E8017.D DFTPP Injection Date: 12/20/04

Instrument ID: HP5971E DFTPP Injection Time: 11:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	36.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	53.3	
70	Less than 2.0% of mass 69	0.3	(0.5)1
127	25.0 - 75.0% of mass 198	52.3	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0 - 30.0% of mass 198	20.5	
365	Greater than 0.75% of mass 198	2.2	
441	Present, but less than mass 443	9.9	
442	40.0 - 110.0% of mass 198	62.4	
443	15.0 - 24.0% of mass 442	12.2	(19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD160	SSTD160	E8019.D	12/20/04	12:16
02	SSTD020	SSTD020	E8020.D	12/20/04	13:01
03	SSTD050	SSTD050	E8021.D	12/20/04	13:46
04	SSTD080	SSTD080	E8022.D	12/20/04	14:32
05	SSTD120	SSTD120	E8023.D	12/20/04	15:17
06	SBLK56	SBLK56	E8026.D	12/20/04	17:30

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SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >F2742 DFTPP Injection Date: 12/21/04

Instrument ID: HP5970BF DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.3
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	56.9
70	Less than 2.0% of mass 69	.3(.4)1
127	40.0 - 60.0% of mass 198	40.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	20.7
365	Greater than 1.00% of mass 198	1.78
441	Present, but less than mass 443	6.5
442	Greater than 40.0% of mass 198	41.9
443	17.0 - 23.0% of mass 442	8.0(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	_____	SSTD050	>F2743	12/21/04	09:46
02	_____	SSTD160	>F2744	12/21/04	10:34
03	_____	SSTD020	>F2745	12/21/04	11:19
04	_____	SSTD080	>F2746	12/21/04	12:14
05	_____	SSTD120	>F2747	12/21/04	13:02
06	_____	_____	_____	_____	_____
07	_____	_____	_____	_____	_____
08	_____	_____	_____	_____	_____
09	_____	_____	_____	_____	_____
10	_____	_____	_____	_____	_____
11	_____	_____	_____	_____	_____
12	_____	_____	_____	_____	_____
13	_____	_____	_____	_____	_____
14	_____	_____	_____	_____	_____
15	_____	_____	_____	_____	_____
16	_____	_____	_____	_____	_____
17	_____	_____	_____	_____	_____
18	_____	_____	_____	_____	_____
19	_____	_____	_____	_____	_____
20	_____	_____	_____	_____	_____
21	_____	_____	_____	_____	_____
22	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

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SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >F2748 DFTPP Injection Date: 12/21/04

Instrument ID: HP5970BF DFTPP Injection Time: 14:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	50.0
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	55.4
70	Less than 2.0% of mass 69	0.0(0.0)1
127	40.0 - 60.0% of mass 198	41.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	20.3
365	Greater than 1.00% of mass 198	1.62
441	Present, but less than mass 443	7.0
442	Greater than 40.0% of mass 198	44.7
443	17.0 - 23.0% of mass 442	8.3(18.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	_____	SSTD050	>F2749	12/21/04	14:28
02	_____	SBLK51	>F2750	12/21/04	15:16
03	_____	SBLK57	>F2751	12/21/04	16:01
04	_____	SBLK57MS	>F2752	12/21/04	16:45
05	_____	0413178	>F2753	12/21/04	17:30
06	_____	SBLK56	>F2754	12/21/04	18:14
07	_____	SBLK51MS	>F2755	12/21/04	18:59
08	_____	SBLK51MSD	>F2756	12/21/04	19:43
09	_____	0412946	>F2757	12/21/04	20:27
10	_____	0412937	>F2758	12/21/04	21:12
11	_____	0412938	>F2759	12/21/04	21:56
12	_____	0412939	>F2760	12/21/04	22:41
13	_____	0412940	>F2761	12/21/04	23:25
14	_____	0412941	>F2762	12/22/04	00:10
15	_____	0412942	>F2763	12/22/04	00:54
16	_____	0413162	>F2764	12/22/04	01:39
17	_____	_____	_____	_____	_____
18	_____	_____	_____	_____	_____
19	_____	_____	_____	_____	_____
20	_____	_____	_____	_____	_____
21	_____	_____	_____	_____	_____
22	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >F2774 DFTPP Injection Date: 12/22/04

Instrument ID: HP5970BF DFTPP Injection Time: 14:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.9
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	56.5
70	Less than 2.0% of mass 69	0.0(0.0)1
127	40.0 - 60.0% of mass 198	44.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	20.4
365	Greater than 1.00% of mass 198	2.09
441	Present, but less than mass 443	7.9
442	Greater than 40.0% of mass 198	50.6
443	17.0 - 23.0% of mass 442	10.3(20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	_____	SSTD050	>F2775	12/22/04	15:10
02	_____	0413310	>F2776	12/22/04	16:07
03	_____	0412941DL	>F2777	12/22/04	16:52
04	_____	0412942DL	>F2778	12/22/04	17:35
05	_____	0412944DL	>F2779	12/22/04	18:19
06	_____	0412945DL	>F2780	12/22/04	19:02
07	_____	0413127DL	>F2781	12/22/04	19:46
08	_____	0413177	>F2782	12/22/04	20:30
09	_____	0413133	>F2783	12/22/04	21:14
10	_____	0413136	>F2784	12/22/04	21:57
11	_____	0413136MS	>F2785	12/22/04	22:41
12	_____	SBLK58	>F2786	12/22/04	23:25
13	_____	0413149	>F2787	12/23/04	00:09
14	_____	0413153	>F2788	12/23/04	00:53
15	_____	0413108	>F2789	12/23/04	01:36
16	_____	_____	_____	_____	_____
17	_____	_____	_____	_____	_____
18	_____	_____	_____	_____	_____
19	_____	_____	_____	_____	_____
20	_____	_____	_____	_____	_____
21	_____	_____	_____	_____	_____
22	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: E8060.D DFTPP Injection Date: 12/22/04

Instrument ID: HP5971E DFTPP Injection Time: 15:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	46.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 Relative abundanc	65.1
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	25.0 - 75.0% of mass 198	59.2
197	Less than 1.0% of mass 19	0.0
198	Base Peak, 100% relative abundanc	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	17.7
365	Greater than 0.75% of mass 198	1.5
441	Present, but less than mass 443	7.1
442	40.0 - 110.0% of mass 198	42.1
443	15.0 - 24.0% of mass 442	8.3 (19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8061.D	12/22/04	16:14
02	300MS	0413127MS	E8062.D	12/22/04	16:59
03	300MSD	0413127MSD	E8063.D	12/22/04	17:43
04	NS-1S	0413148	E8067.D	12/22/04	20:40
05	NS-6	0413155	E8068.D	12/22/04	21:24
06	NS-4S	0413152	E8069.D	12/22/04	22:08
07	NS-5	0413154	E8070.D	12/22/04	22:52
08	NS-7	0413156	E8071.D	12/22/04	23:37
09	NS-9	0413158	E8072.D	12/23/04	0:21
10	NS-10	0413159	E8073.D	12/23/04	1:05
11	NS-8	0413157	E8074.D	12/23/04	1:49
12	NS-2	0413150	E8075.D	12/23/04	2:34
13	NS-3	0413151	E8076.D	12/23/04	3:18

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: E8078.D DFTPP Injection Date: 12/26/04

Instrument ID: HP5971BE DFTPP Injection Time: 10:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	45.8	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	64.8	
70	Less than 2.0% of mass 69	0.3	(0.4)1
127	25.0 - 75.0% of mass 198	58.9	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0 - 30.0% of mass 198	18.2	
365	Greater than 0.75% of mass 198	1.7	
441	Present, but less than mass 443	7.0	
442	40.0 - 110.0% of mass 198	41.6	
443	15.0 - 24.0% of mass 442	8.1	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8079.D	12/26/04	10:35
02	SBLK54MS	SBLK54MS	E8089.D	12/26/04	17:52
03	SBLK54MSD	SBLK54MSD	E8090.D	12/26/04	18:36

241

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: E8095.D DFTPP Injection Date: 12/28/04

Instrument ID: HP5971BE DFTPP Injection Time: 8:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	46.7	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	64.0	
70	Less than 2.0% of mass 69	0.3	(0.4)1
127	25.0 - 75.0% of mass 198	57.4	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0 - 30.0% of mass 198	18.7	
365	Greater than 0.75% of mass 198	1.6	
441	Present, but less than mass 443	7.2	
442	40.0 - 110.0% of mass 198	44.2	
443	15.0 - 24.0% of mass 442	8.6	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8096.D	12/28/04	8:49
02	SSTD020	SSTD020	E8097.D	12/28/04	9:35
03	SSTD160	SSTD160	E8098.D	12/28/04	10:18
04	SSTD120	SSTD120	E8099.D	12/28/04	11:02
05	SSTD080	SSTD080	E8100.D	12/28/04	11:45

242

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Lab File ID: E8101.D DFTPP Injection Date: 12/28/04

Instrument ID: HP5971E DFTPP Injection Time: 12:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	44.6	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	62.7	
70	Less than 2.0% of mass 69	0.3	(0.5)1
127	25.0 - 75.0% of mass 198	57.3	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0 - 30.0% of mass 198	18.9	
365	Greater than 0.75% of mass 198	1.7	
441	Present, but less than mass 443	7.6	
442	40.0 - 110.0% of mass 198	46.9	
443	15.0 - 24.0% of mass 442	9.1	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8102.D	12/28/04	12:48
02	NS-2DL	0413150DL	E8105.D	12/28/04	14:59
03	NS-8DL	0413157DL	E8108.D	12/28/04	17:11

243

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: E8120.D DFTPP Injection Date: 12/30/04

Instrument ID: HP5971BE DFTPP Injection Time: 8:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	41.8	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	57.7	
70	Less than 2.0% of mass 69	0.3	(0.6)1
127	25.0 - 75.0% of mass 198	53.3	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0 - 30.0% of mass 198	16.1	
365	Greater than 0.75% of mass 198	1.6	
441	Present, but less than mass 443	10.1	
442	40.0 - 110.0% of mass 198	66.7	
443	15.0 - 24.0% of mass 442	12.3	(18.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8121.D	12/30/04	8:40
02	SSTD020	SSTD020	E8122.D	12/30/04	9:24
03	SSTD160	SSTD160	E8123.D	12/30/04	10:08
04	SSTD080	SSTD080	E8124.D	12/30/04	10:52
05	SSTD120	SSTD120	E8125.D	12/30/04	11:37

244

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Lab File ID: E8126.D DFTPP Injection Date: 12/30/04

Instrument ID: HP5971E DFTPP Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 80.0% of mass 198	49.2	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 Relative abundanc	66.6	
70	Less than 2.0% of mass 69	0.4	(0.7)1
127	25.0 - 75.0% of mass 198	57.5	
197	Less than 1.0% of mass 19	0.0	
198	Base Peak, 100% relative abundanc	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0 - 30.0% of mass 198	15.3	
365	Greater than 0.75% of mass 198	1.0	
441	Present, but less than mass 443	8.7	
442	40.0 - 110.0% of mass 198	57.5	
443	15.0 - 24.0% of mass 442	11.0	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

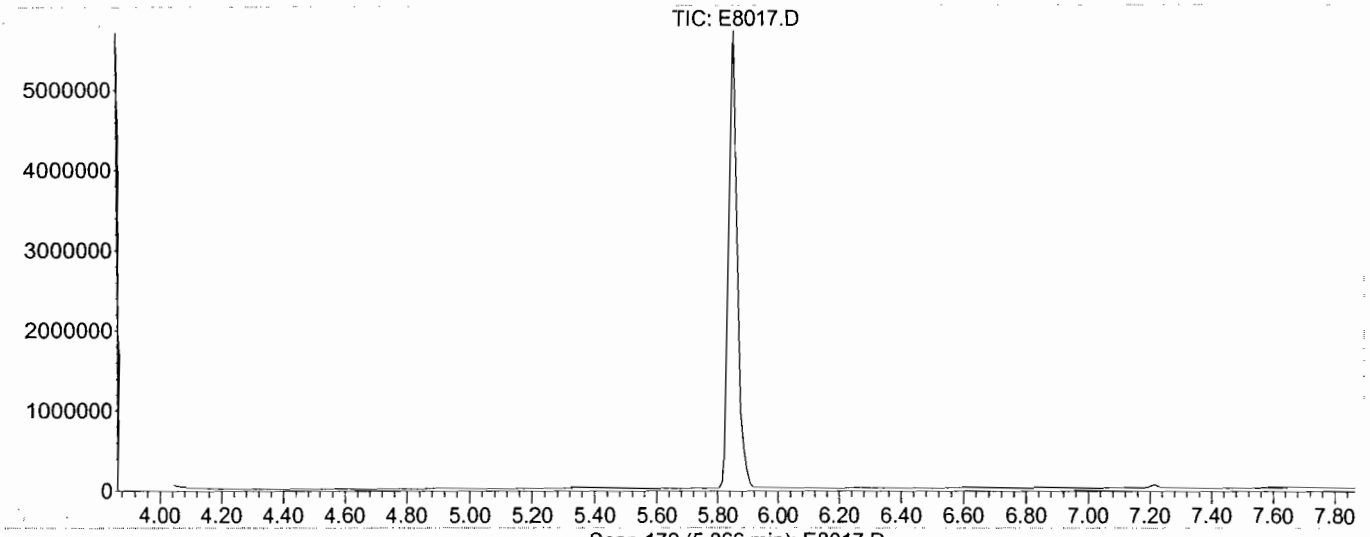
	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD050	SSTD050	E8127.D	12/30/04	12:54
02	NS-4SDL	0413152DL	E8130.D	12/30/04	15:07

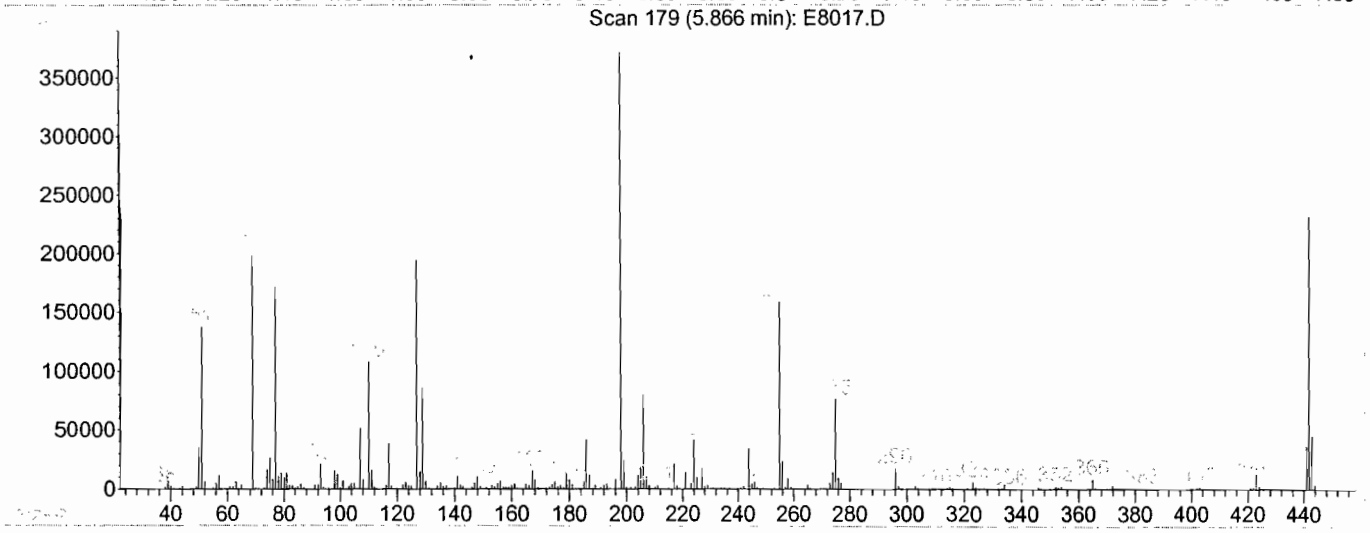
245

DFTPP

Data File : D:\E\DATA\DEC04\E1220\E8017.D
Acq On : 20 Dec 2004 11:15
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00





Spectrum Information: Scan 179

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.9	137152	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	53.3	198208	PASS
70	69	0.00	2	0.5	1018	PASS
127	198	40	60	52.3	194368	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	371776	PASS
199	198	5	9	6.5	24064	PASS
275	198	10	30	20.5	76064	PASS
365	198	1	100	2.2	8043	PASS
441	443	0.01	100	80.7	36688	PASS
442	198	39	100	62.4	231936	PASS
443	442	17	23	19.6	45488	PASS

246

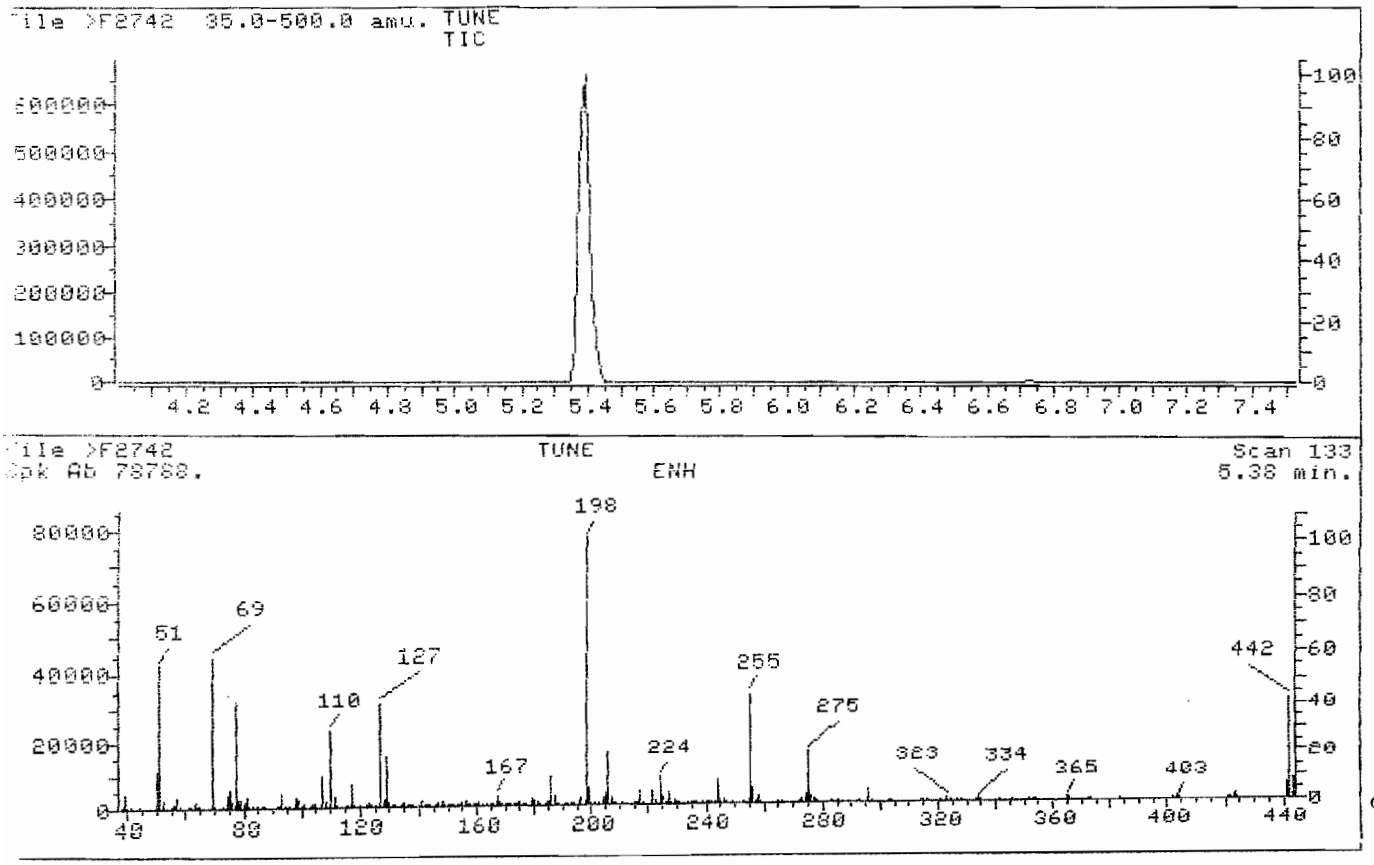
E8017.D SVE81220.M Thu Jan 06 13:00:23 2005 .

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	54.34	54.34	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	56.91	56.91	Ok
70	Less than 2% of mass 69	.25	.45	Ok
127	40-60% of mass 198	40.16	40.16	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.76	6.76	Ok
275	10-30% of mass 198	20.72	20.72	Ok
365	Greater than 1% of mass 198	1.78	1.78	Ok
441	Less than mass 443	6.52	81.04	Ok
442	Greater than 40% of mass 198	41.93	41.93	Ok
443	17-23% of mass 442	8.05	19.20	Ok

Injection Date: 12/21/04
Injection Time: 09:25
Data File: >F2742
Scan: 133



>F2742 TUNE
133 ENH

File: >F2742 Scan #: 133 Retn. time: 5.38

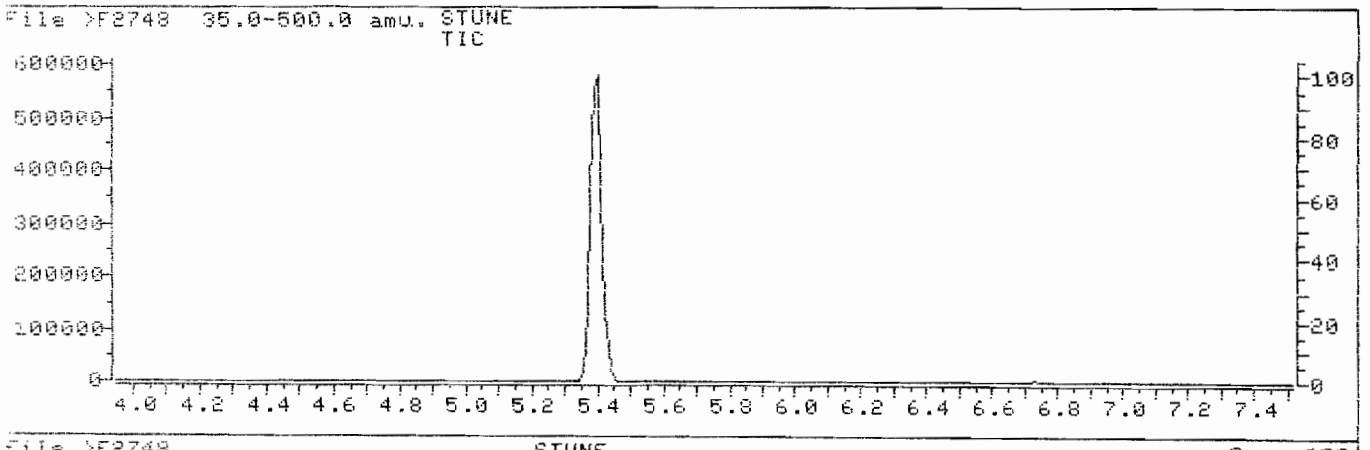
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.10	227.5	101.90	36.0	158.00	331.0	208.85	161.5	278.05	192.0
38.10	696.0	103.10	435.0	159.00	240.5	211.05	638.5	283.00	131.5
39.10	4395.0	104.00	874.0	160.00	548.0	215.05	172.5	284.00	91.5
40.10	213.0	104.95	813.0	161.00	845.5	216.00	409.0	285.10	214.5
41.05	153.0	107.05	9573.0	162.00	227.0	216.90	4321.0	293.00	261.5
43.95	377.5	108.05	1438.5	164.00	116.0	217.90	516.5	294.00	33.5
45.05	93.0	110.05	23624.1	165.10	669.0	219.00	52.5	295.95	3852.0
50.05	11272.5	110.95	3180.5	166.00	507.5	221.00	4175.5	297.05	523.0
51.05	42812.1	111.95	363.5	167.00	3013.5	223.00	999.0	301.95	69.0
52.05	2194.5	115.95	601.5	167.95	1295.0	224.00	8573.5	303.05	472.0
54.95	193.0	116.95	6782.5	168.95	238.0	225.00	2165.0	304.05	117.5
56.05	1201.0	118.05	496.0	170.15	116.5	226.00	271.0	313.90	183.0
57.00	2906.0	120.05	116.0	170.75	125.0	227.00	3582.0	314.90	416.5
58.00	135.0	122.00	608.0	171.05	49.0	228.00	524.5	316.00	236.0
61.00	538.5	123.00	1042.0	171.95	294.5	229.00	739.0	321.00	117.5
62.00	525.5	123.90	507.5	173.05	408.0	230.00	95.0	323.00	1215.0
63.00	1362.5	125.00	465.0	174.05	717.5	231.00	326.5	324.10	241.0
64.10	214.0	127.00	31640.1	175.05	1157.5	233.95	229.5	327.00	213.0
65.10	629.0	128.00	2456.5	176.05	344.0	234.95	244.5	327.95	106.5
67.10	34.5	129.00	15199.0	177.05	653.0	236.05	153.0	331.95	88.0
69.00	44840.1	130.00	1219.5	178.95	2436.5	236.95	256.0	333.05	120.5
70.10	200.5	131.10	214.5	180.05	1572.5	238.85	166.0	334.05	778.5
73.15	221.5	132.00	119.5	181.05	745.5	240.05	133.0	335.05	189.5
74.05	3396.0	133.20	23.0	182.05	157.0	240.95	226.0	341.05	139.5
75.05	5590.5	134.00	398.5	182.85	77.0	242.05	436.0	345.90	250.0
76.05	1727.5	135.00	1152.0	184.00	200.0	243.05	503.0	352.00	333.0
77.05	32280.1	136.00	483.5	185.00	1314.5	244.05	6965.5	353.00	257.0
78.05	2186.5	136.95	534.0	186.00	9162.0	245.05	931.5	354.10	365.0
79.05	2503.5	138.05	104.5	187.00	2789.5	245.95	1273.0	364.95	1398.5
80.05	1896.5	139.85	157.0	188.00	287.0	247.05	256.5	365.95	191.0
81.05	2719.5	140.95	1757.0	189.00	560.0	249.00	250.0	371.05	91.5
82.05	598.5	142.05	584.5	189.90	39.0	253.00	162.0	372.05	585.0
83.05	561.0	143.05	376.5	191.00	294.0	255.00	34188.1	373.05	146.0
85.05	479.5	144.05	94.5	192.00	714.0	256.00	5021.0	383.10	148.5
86.05	680.0	145.15	80.0	193.00	699.5	257.00	371.0	390.10	30.0
87.05	321.5	145.95	270.5	194.10	164.0	258.00	1966.5	402.05	214.5
89.00	66.0	147.05	883.0	196.00	2125.0	259.00	294.0	403.05	321.0
91.00	593.5	148.05	1796.5	198.00	78788.2	264.95	708.5	403.95	104.0
92.00	634.0	149.15	346.5	199.00	5327.0	266.05	111.0	421.10	237.5
93.00	3910.5	150.15	107.5	200.05	349.0	271.05	80.5	422.10	272.0
94.00	273.5	151.05	235.5	201.55	356.5	271.95	97.0	423.05	2003.5
95.00	75.0	151.75	155.5	203.05	468.5	272.95	1059.0	423.95	390.0
96.00	142.0	153.00	554.5	204.05	2224.0	274.05	2829.0	441.10	5139.5
98.00	2851.5	154.00	417.0	205.05	3794.0	275.05	16327.5	442.00	33036.1
99.00	2282.0	155.00	951.5	206.05	16321.5	276.05	2066.5	443.00	6342.0
100.00	250.5	156.00	1374.5	207.05	2179.5	277.05	1252.0	444.00	570.0
101.00	1323.5	157.10	271.0	208.05	562.5				

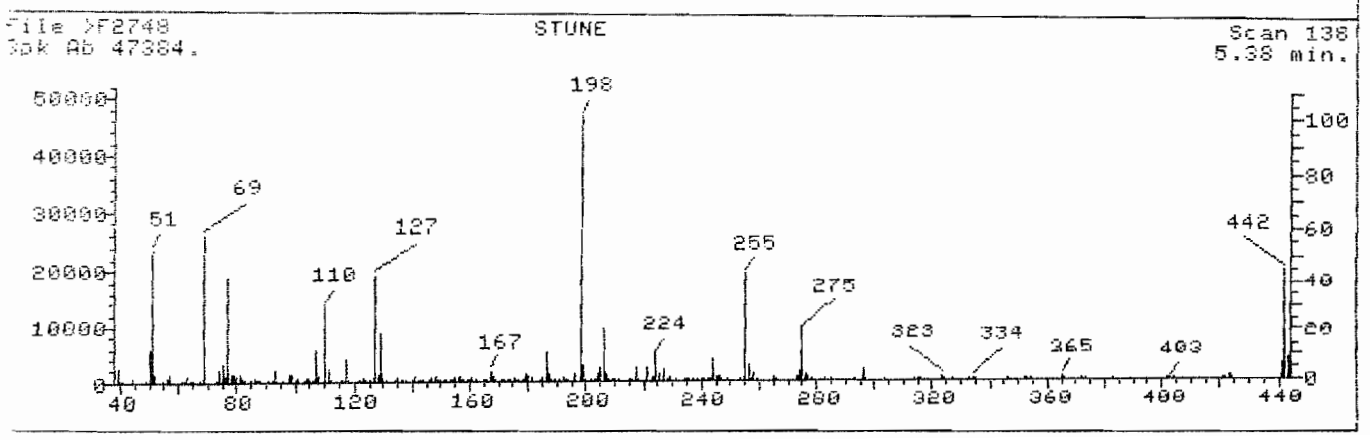
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	49.97	49.97	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	55.41	55.41	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	41.28	41.28	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.45	6.45	Ok
275	10-30% of mass 198	20.27	20.27	Ok
365	Greater than 1% of mass 198	1.62	1.62	Ok
441	Less than mass 443	6.99	83.83	Ok
442	Greater than 40% of mass 198	44.72	44.72	Ok
443	17-23% of mass 442	8.34	18.65	Ok

Injection Date: 12/21/04
Injection Time: 14:12
Data File: >F2748
Scan: 138





>F2748 STUNE
138

File: >F2748 Scan #: 138 Retn. time: 5.38

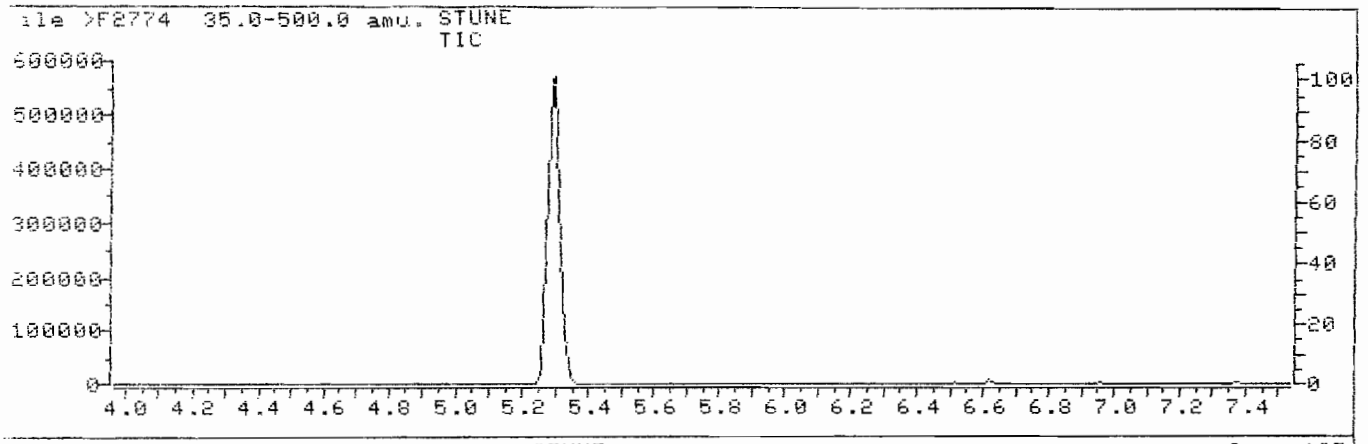
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
38.10	335.0	100.10	116.0	154.10	290.0	204.05	1319.0	272.15	45.0
39.10	2336.0	101.10	739.0	155.00	511.0	205.05	2370.0	273.05	638.0
40.10	110.0	103.10	283.0	156.00	827.0	206.05	9617.0	274.05	1605.0
41.05	113.0	104.10	460.0	157.00	192.0	207.05	1297.0	275.05	9606.0
44.05	440.0	104.95	455.0	158.10	170.0	208.05	273.0	276.05	1242.0
49.05	263.0	106.05	213.0	159.10	115.0	209.05	111.0	277.15	684.0
50.05	6038.0	107.05	5811.0	160.00	312.0	210.15	181.0	278.15	123.0
51.05	23680.1	108.05	810.0	161.00	454.0	211.15	399.0	283.10	84.0
52.05	1183.0	110.05	14088.0	162.00	136.0	215.05	90.0	285.10	145.0
55.05	124.0	111.05	1990.0	163.90	56.0	216.10	223.0	293.10	168.0
56.05	675.0	112.05	234.0	165.00	362.0	217.00	2673.0	296.05	2251.0
57.00	1523.0	116.05	302.0	166.10	343.0	218.00	349.0	297.05	326.0
61.10	353.0	117.05	3870.0	167.10	1861.0	221.10	2515.0	303.15	279.0
62.10	279.0	118.05	352.0	168.05	841.0	223.00	580.0	314.10	98.0
63.10	960.0	120.05	56.0	169.05	148.0	224.10	5135.0	315.10	234.0
64.10	121.0	122.00	341.0	171.05	97.0	225.10	1388.0	316.00	113.0
65.10	304.0	123.00	636.0	172.05	200.0	227.10	1996.0	323.10	724.0
67.10	62.0	124.00	277.0	173.05	210.0	228.10	284.0	324.10	148.0
69.00	26256.1	125.00	288.0	174.05	377.0	229.00	456.0	327.00	121.0
73.15	145.0	127.10	19560.1	175.05	674.0	231.10	195.0	333.25	75.0
74.05	1981.0	128.10	1459.0	176.05	180.0	234.05	124.0	334.15	416.0
75.05	3311.0	129.00	9012.0	177.05	391.0	234.95	110.0	335.15	106.0
76.15	1051.0	130.00	721.0	178.15	147.0	236.05	83.0	346.10	131.0
77.05	19072.1	131.10	144.0	179.05	1419.0	237.05	152.0	352.10	206.0
78.05	1283.0	134.00	240.0	180.05	937.0	238.95	84.0	353.10	147.0
79.05	1465.0	135.10	661.0	181.05	483.0	240.05	71.0	354.20	193.0
80.05	1175.0	136.10	305.0	184.10	128.0	241.05	133.0	365.05	768.0
81.05	1533.0	137.05	308.0	185.10	737.0	242.05	265.0	366.05	96.0
82.05	452.0	138.05	76.0	186.10	5352.0	243.15	304.0	372.05	350.0
83.05	281.0	139.95	119.0	187.10	1477.0	244.05	4125.0	373.15	71.0
85.15	322.0	141.05	1073.0	188.10	152.0	245.05	532.0	383.10	66.0
86.05	470.0	142.05	326.0	189.10	266.0	246.05	835.0	402.15	137.0
87.15	189.0	143.05	248.0	191.10	159.0	247.05	147.0	403.15	182.0
88.15	71.0	144.05	69.0	192.10	454.0	249.10	157.0	404.05	73.0
91.00	357.0	146.05	142.0	193.10	418.0	253.10	98.0	421.10	152.0
92.00	402.0	147.05	540.0	194.10	104.0	255.10	19976.1	422.20	149.0
93.00	2266.0	148.05	1031.0	196.00	1273.0	256.10	2905.0	423.15	1160.0
94.00	180.0	149.05	215.0	198.00	47384.1	257.10	235.0	424.05	241.0
95.00	53.0	149.95	93.0	199.00	3058.0	258.10	1220.0	441.20	3313.0
96.10	112.0	151.15	139.0	200.05	174.0	259.10	199.0	442.10	21192.1
98.10	1539.0	152.05	57.0	201.55	254.0	265.05	449.0	443.10	3952.0
99.10	1448.0	153.00	309.0	203.15	245.0	266.05	69.0	444.10	418.0

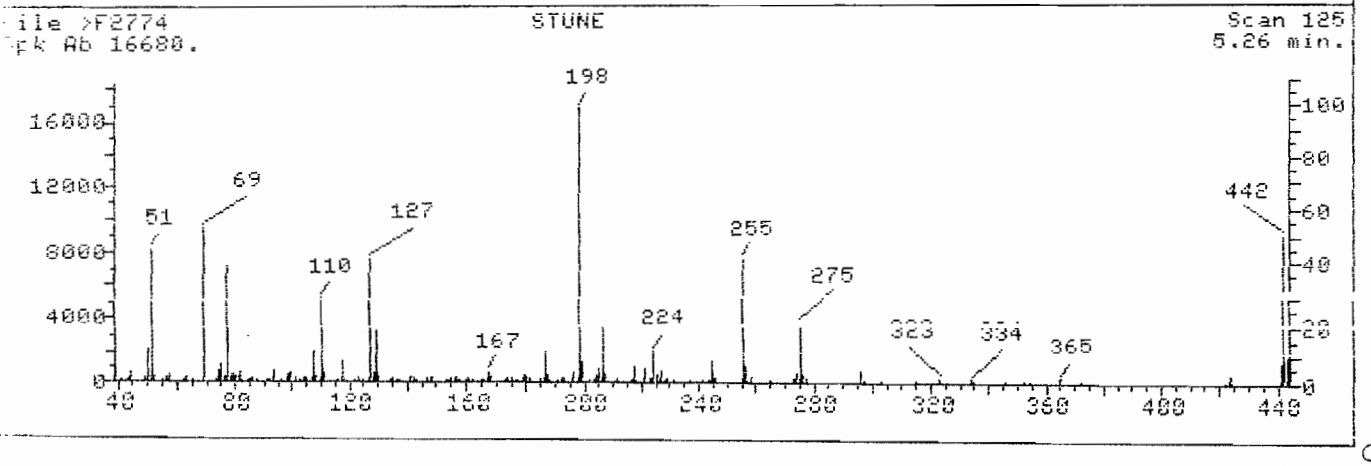
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	48.87	48.87	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	56.45	56.45	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	44.49	44.49	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	7.32	7.32	Ok
275	10-30% of mass 198	20.44	20.44	Ok
365	Greater than 1% of mass 198	2.09	2.09	Ok
441	Less than mass 443	7.92	77.16	Ok
442	Greater than 40% of mass 198	50.55	50.55	Ok
443	17-23% of mass 442	10.26	20.30	Ok

Injection Date: 12/22/04
Injection Time: 14:49
Data File: >F2774
Scan: 125



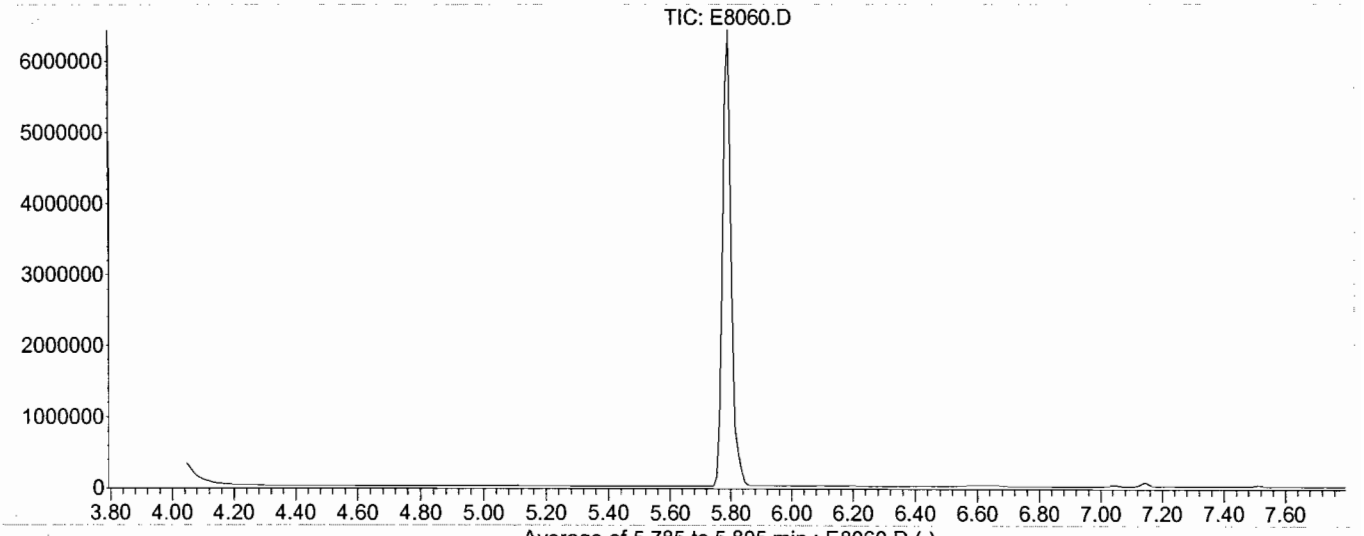


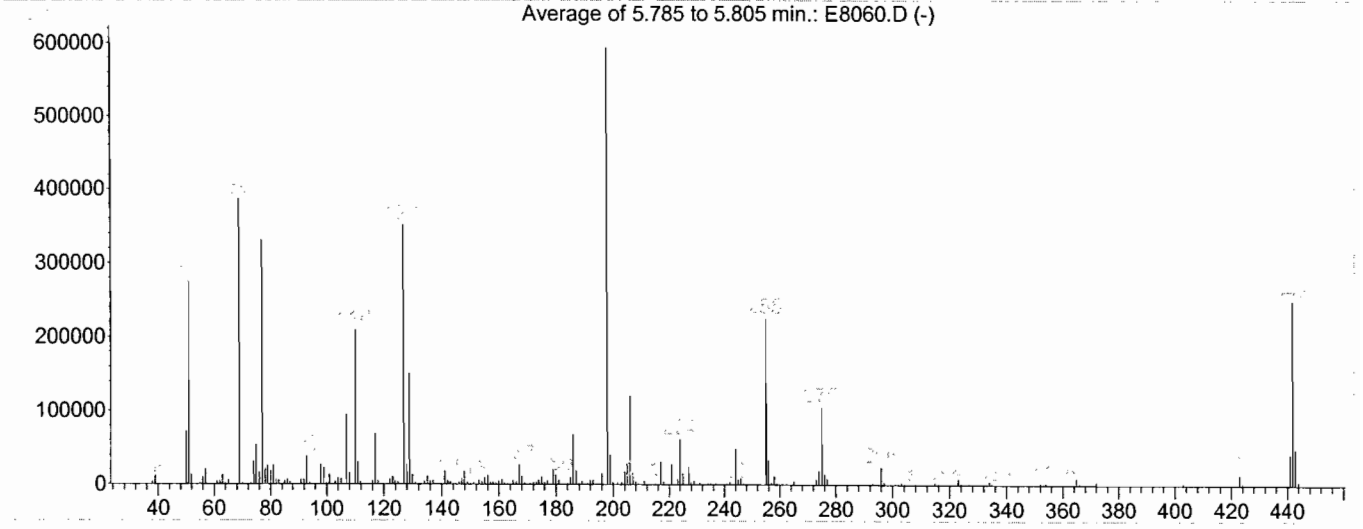
F2774 STUNE
125

ile: >F2774 Scan #: 125 Retn. time: 5.26

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
39.10	820.0	91.00	137.0	142.15	157.0	192.10	154.0	255.00	7244.0
41.05	127.0	92.00	139.0	143.05	70.0	193.10	199.0	256.00	1025.0
43.05	71.0	93.00	767.0	147.05	177.0	196.10	559.0	257.10	80.0
44.05	681.0	96.10	68.0	147.95	327.0	198.00	16680.0	258.00	356.0
49.05	173.0	98.10	535.0	153.00	122.0	199.00	1221.0	264.95	119.0
50.05	2075.0	99.00	579.0	154.00	109.0	201.55	79.0	273.05	238.0
51.05	8151.0	101.10	262.0	155.10	214.0	202.95	106.0	274.05	572.0
52.05	358.0	103.00	81.0	156.10	305.0	204.05	506.0	275.05	3410.0
55.05	84.0	104.10	181.0	157.10	66.0	205.05	837.0	276.15	502.0
56.05	187.0	105.05	176.0	158.00	70.0	206.05	3365.0	277.05	224.0
57.00	530.0	107.05	1935.0	160.10	110.0	207.05	514.0	296.05	790.0
62.00	109.0	107.95	315.0	161.00	175.0	211.05	176.0	297.05	98.0
63.10	322.0	110.05	5063.0	162.00	64.0	216.10	76.0	303.05	108.0
65.00	149.0	111.05	675.0	165.00	123.0	217.00	952.0	315.00	80.0
69.00	9416.0	116.05	133.0	166.10	85.0	218.00	122.0	323.10	262.0
73.05	67.0	117.05	1312.0	167.10	655.0	221.00	905.0	334.15	172.0
74.05	743.0	118.05	114.0	168.05	346.0	223.00	198.0	334.95	44.0
75.05	1163.0	122.10	131.0	173.05	86.0	224.10	1892.0	346.00	42.0
76.05	326.0	123.00	220.0	174.05	191.0	225.10	524.0	352.10	81.0
77.05	7025.0	125.00	135.0	175.05	239.0	227.00	740.0	354.10	91.0
78.15	549.0	127.00	7421.0	177.05	150.0	228.10	117.0	365.05	348.0
79.05	530.0	128.00	662.0	179.05	475.0	229.00	158.0	372.05	143.0
80.05	369.0	129.00	3245.0	180.05	308.0	231.10	82.0	422.10	53.0
81.05	597.0	130.10	326.0	181.15	156.0	237.05	57.0	423.15	447.0
82.05	116.0	134.10	94.0	185.00	266.0	241.05	48.0	424.05	89.0
83.95	124.0	135.00	242.0	186.10	1955.0	243.25	98.0	441.10	1321.0
85.05	92.0	136.10	103.0	187.00	548.0	244.15	1378.0	442.10	8432.0
86.05	225.0	136.95	136.0	188.10	52.0	245.05	177.0	443.10	1712.0
87.05	50.0	141.05	346.0	191.10	54.0	246.05	271.0	444.10	132.0

Data File : D:\E\DATA\DEC04\E1222\E8060.D Vial: 24
Acq On : 22 Dec 2004 15:59 Operator: JOSE
Sample : STUNE Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE





Spectrum Information: Average of 5.785 to 5.805 min.

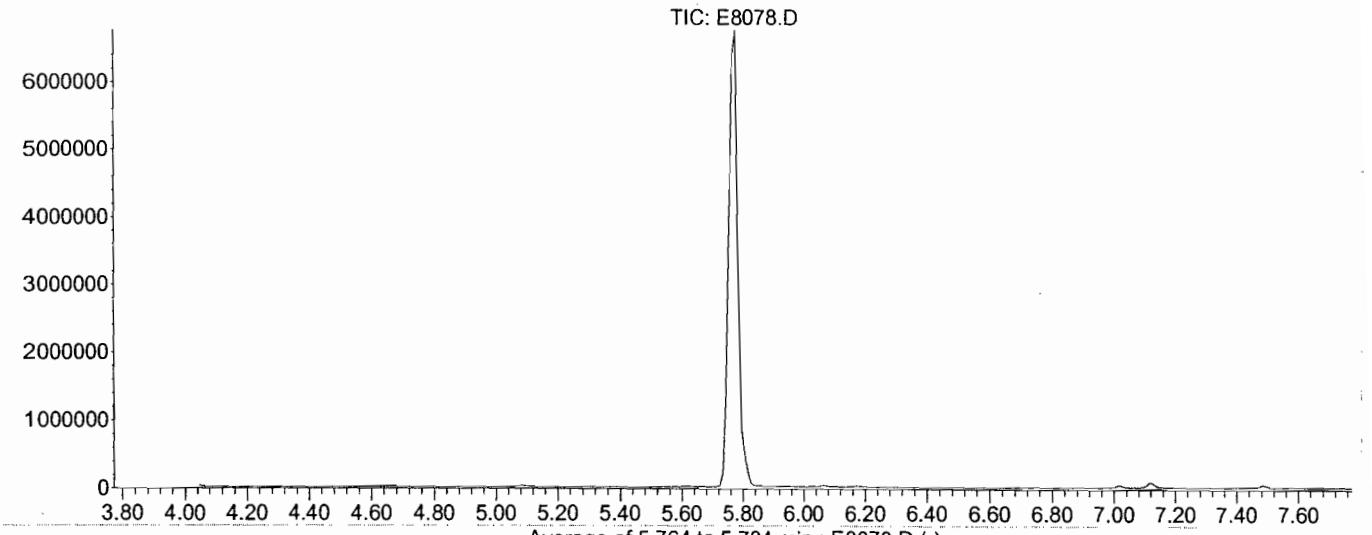
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	46.2	274384	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	65.1	386422	PASS
70	69	0.00	2	0.4	1365	PASS
127	198	40	60	59.2	351548	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	593621	PASS
199	198	5	9	6.8	40178	PASS
275	198	10	30	17.7	105256	PASS
365	198	1	100	1.5	9134	PASS
441	443	0.01	100	85.6	42157	PASS
442	198	39	100	42.1	249728	PASS
443	442	17	23	19.7	49229	PASS

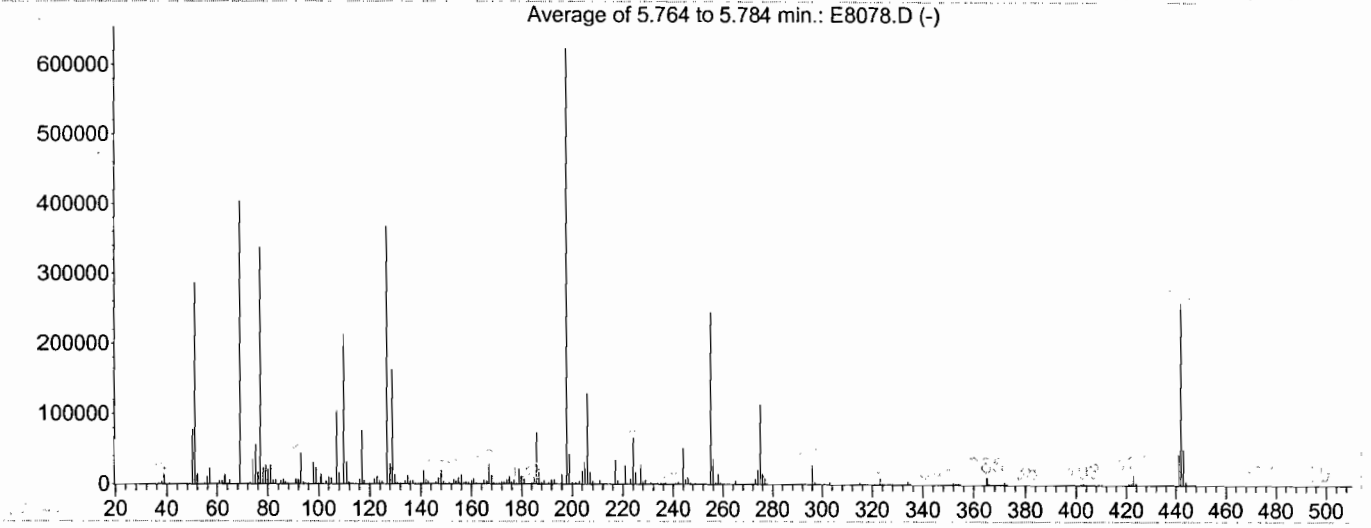
E8060.D SVE81220.M Thu Jan 06 13:00:47 2005 .

DFTPP

Data File : D:\E\DATA\DEC04\E1226\E8078.D
Acq On : 26 Dec 2004 10:19
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00





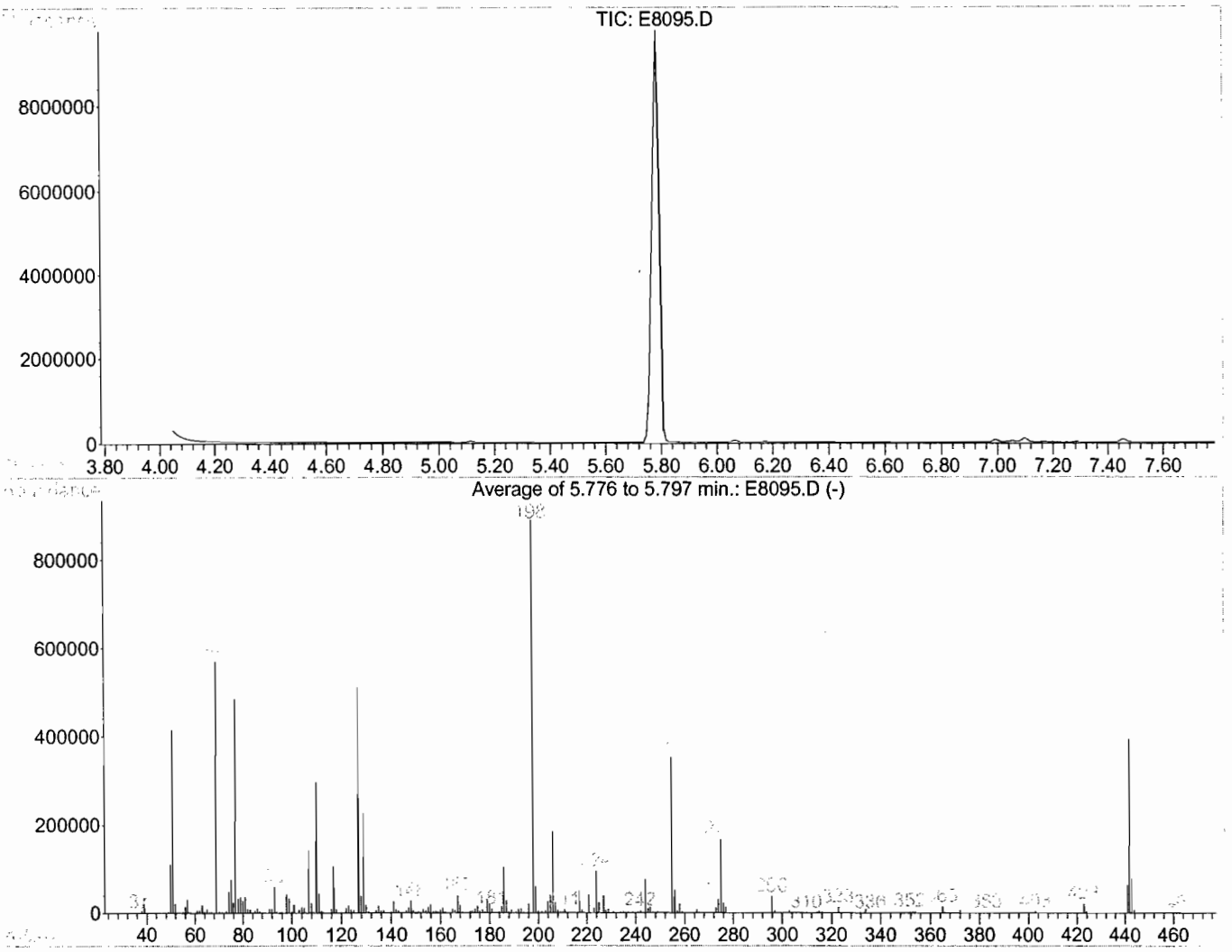
Spectrum Information: Average of 5.764 to 5.784 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	45.8	285827	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.8	404122	PASS
70	69	0.00	2	0.4	1587	PASS
127	198	40	60	58.9	367422	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	623424	PASS
199	198	5	9	6.8	42213	PASS
275	198	10	30	18.2	113499	PASS
365	198	1	100	1.7	10486	PASS
441	443	0.01	100	86.5	43699	PASS
442	198	39	100	41.6	259499	PASS
443	442	17	23	19.5	50547	PASS

254

Data File : D:\E\DATA\DEC04\E1228\E8095.D
Acq On : 28 Dec 2004 8:35
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Average of 5.776 to 5.797 min.

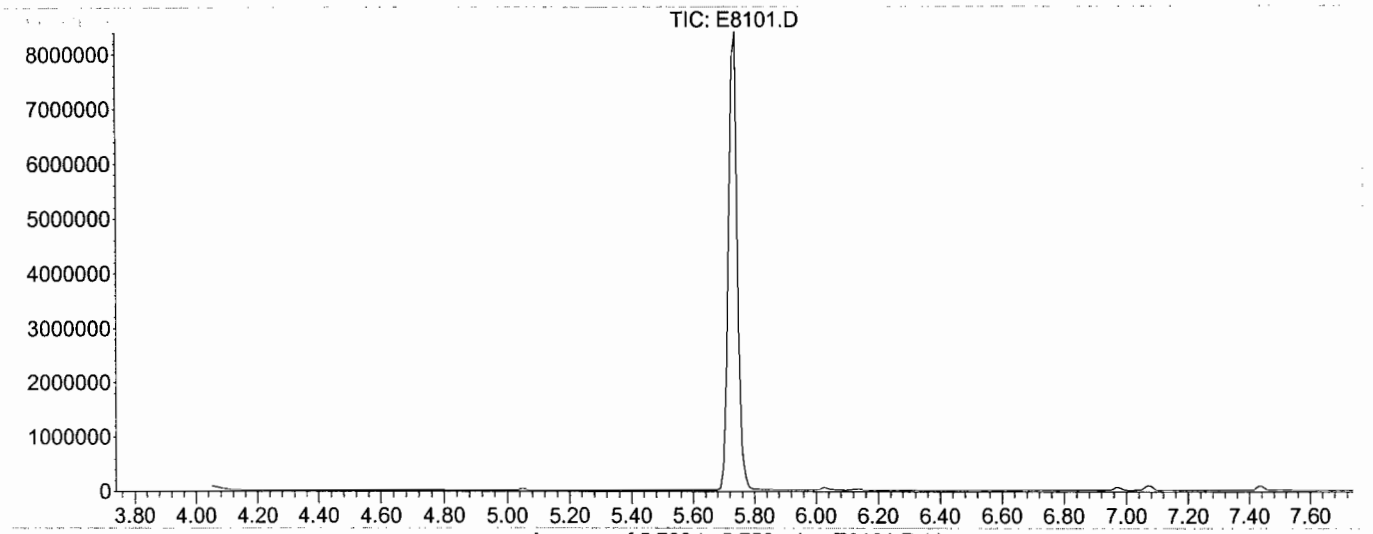
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	46.7	415328	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	64.0	569264	PASS
70	69	0.00	2	0.4	2441	PASS
127	198	40	60	57.4	510439	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	889493	PASS
199	198	5	9	6.8	60368	PASS
275	198	10	30	18.7	166238	PASS
365	198	1	100	1.6	14645	PASS
441	443	0.01	100	83.4	64013	PASS
442	198	39	100	44.2	393600	PASS
443	442	17	23	19.5	76779	PASS

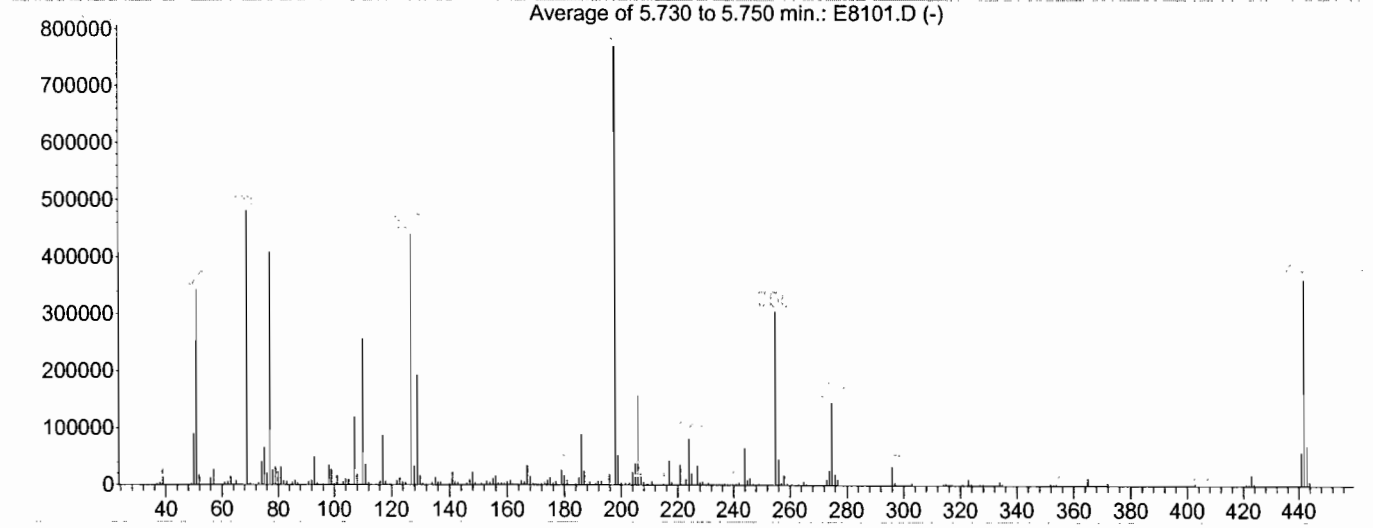
255

DFTPP

Data File : D:\E\DATA\DEC04\E1228\E8101.D
Acq On : 28 Dec 2004 12:32
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00





Spectrum Information: Average of 5.730 to 5.750 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	44.6	342182	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	62.7	481044	PASS
70	69	0.00	2	0.5	2309	PASS
127	198	40	60	57.3	439470	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	767381	PASS
199	198	5	9	6.8	52449	PASS
275	198	10	30	18.9	145261	PASS
365	198	1	100	1.7	13373	PASS
441	443	0.01	100	83.7	58600	PASS
442	198	39	100	46.9	359893	PASS
443	442	17	23	19.4	69992	PASS

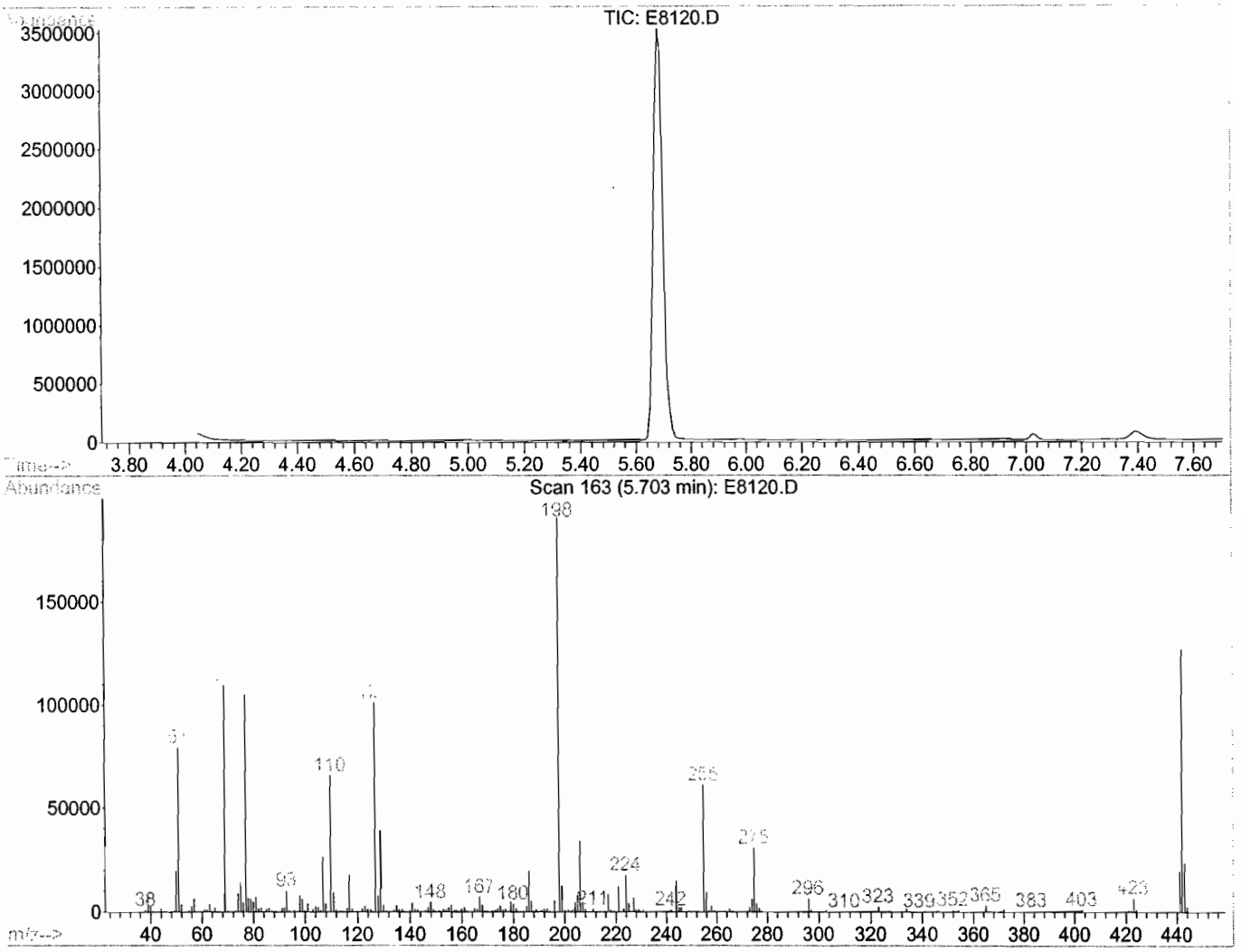
256

E8101.D SVE81228.M Thu Jan 06 13:01:19 2005 .

DFTPP

Data File : D:\E\DATA\DEC04\E1230\E8120.D
Acq On : 30 Dec 2004 8:25
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81230.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 24
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 163

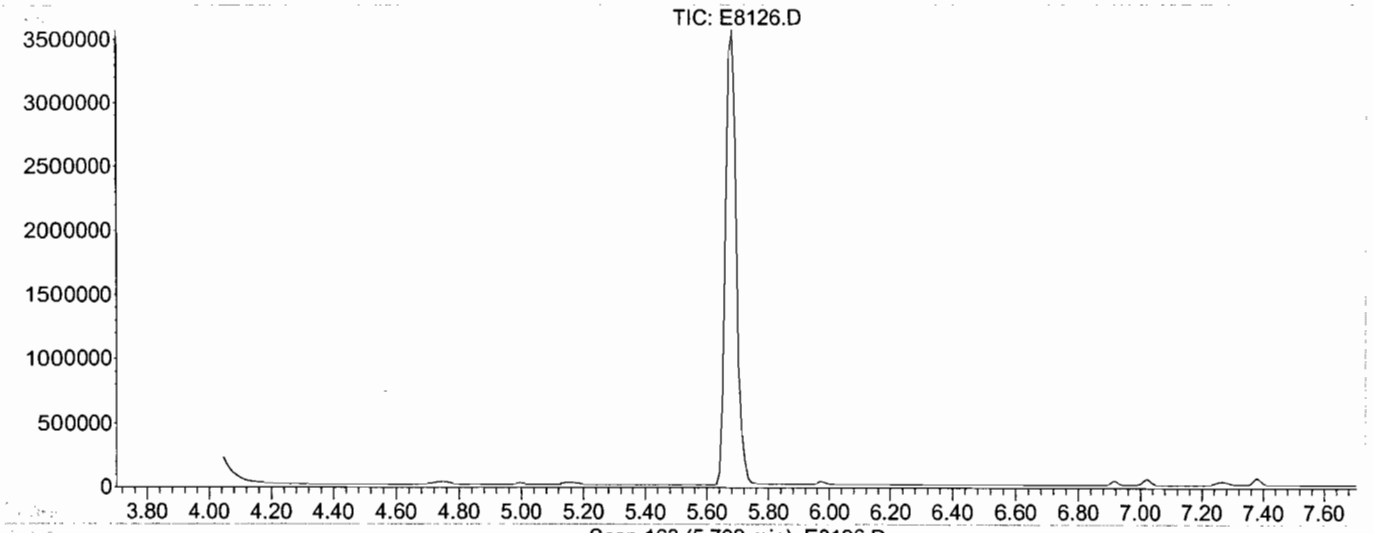
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	41.8	79320	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	57.7	109632	PASS
70	69	0.00	2	0.6	611	PASS
127	198	40	60	53.3	101176	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	189952	PASS
199	198	5	9	6.5	12329	PASS
275	198	10	30	16.1	30600	PASS
365	198	1	100	1.6	3003	PASS
441	443	0.01	100	82.2	19272	PASS
442	198	39	100	66.7	126776	PASS
443	442	17	23	18.5	23448	PASS

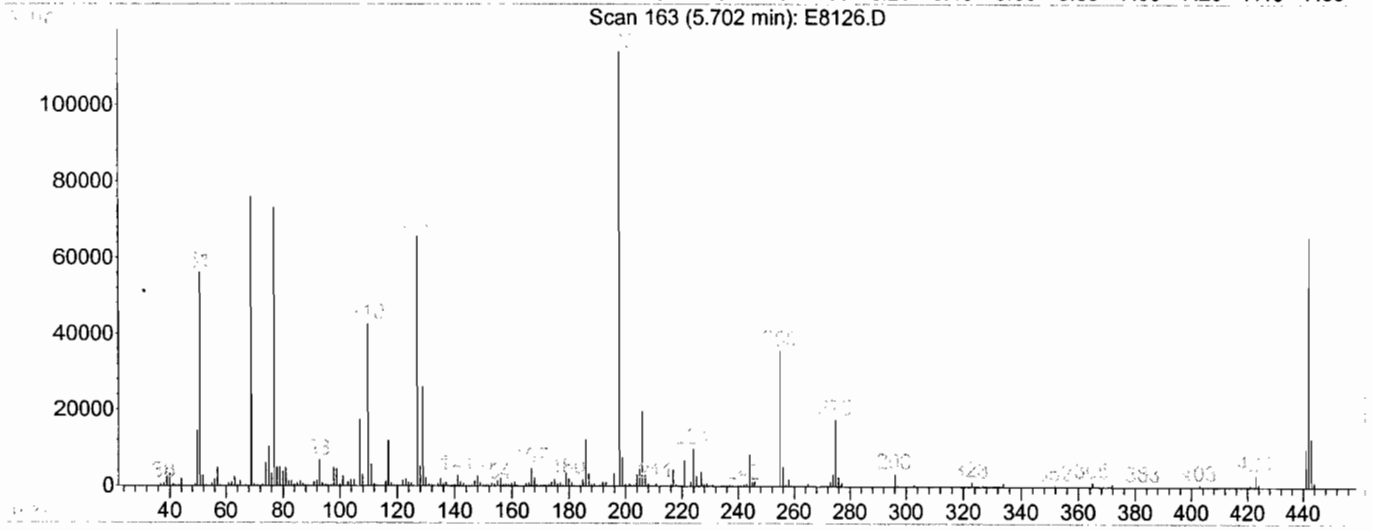
257

DFTPP

Data File : D:\E\DATA\DEC04\E1230\E8126.D
Acq On : 30 Dec 2004 12:38
Sample : STUNE
Misc :
MS Integration Params: rteint.p
Method : D:\E\METHODS\SVE81230.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE

Vial: 30
Operator: JOSE
Inst : GC/MS Ins
Multiplr: 1.00





Spectrum Information: Scan 163

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.2	56096	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	66.6	75960	PASS
70	69	0.00	2	0.7	498	PASS
127	198	40	60	57.5	65544	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	114088	PASS
199	198	5	9	6.5	7460	PASS
275	198	10	30	15.3	17480	PASS
365	198	1	100	1.0	1157	PASS
441	443	0.01	100	79.2	9929	PASS
442	198	39	100	57.5	65552	PASS
443	442	17	23	19.1	12535	PASS

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6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date(s): 12/20/04 12/20/04

Calibration Times: 12:16 15:17

LAB FILE ID: RRF20 = E8020.D RRF50 = E8021.D

RRF80 = E8022.D RRF120 = E8023.D RRF160 = E8019.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Pyridine		0.816	0.784	0.752	0.837	0.816	0.801	4.2	
N-Nitrosodimethylamine		0.862	0.791	0.775	0.783	0.793	0.801	4.4	
Aniline		2.562	2.407	2.369	2.450	2.580	2.474	3.8	
Phenol	*	1.992	1.781	1.700	1.685	1.714	1.774	7.2	*
bis(2-Chloroethyl)ether		1.639	1.375	1.245	1.199	1.243	1.340	13.4	
2-Chlorophenol		1.445	1.301	1.257	1.293	1.372	1.333	5.6	
1,3-Dichlorobenzene		1.520	1.391	1.347	1.366	1.422	1.409	4.8	
1,4-Dichlorobenzene	*	1.571	1.397	1.368	1.388	1.459	1.436	5.7	*
Benzyl alcohol		1.610	1.465	1.373	1.432	1.558	1.487	6.4	
1,2-Dichlorobenzene		1.459	1.317	1.272	1.296	1.387	1.346	5.7	
2-Methylphenol		1.467	1.326	1.242	1.241	1.301	1.315	7.0	
bis(2-chloroisopropyl)ether		2.526	2.127	1.835	1.678	1.717	1.977	17.9	
3&4-Methylphenol		1.530	1.326	1.286	1.329	1.424	1.379	7.1	
N-Nitroso-di-n-propylamine	*	1.468	1.280	1.207	1.205	1.287	1.289	8.3	*
Hexachloroethane		0.729	0.677	0.661	0.650	0.697	0.683	4.6	
Nitrobenzene		0.487	0.441	0.430	0.420	0.444	0.444	5.8	
Isophorone		1.008	0.917	0.922	0.921	0.800	0.914	8.1	
2-Nitrophenol	*	0.215	0.198	0.199	0.205	0.221	0.208	4.8	*
2,4-Dimethylphenol		0.458	0.415	0.414	0.416	0.450	0.431	4.9	
Benzoic Acid		0.094	0.117	0.161	0.194	0.173	0.148	27.8	
bis(2-Chloroethoxy)methane		0.558	0.491	0.472	0.465	0.486	0.494	7.6	
2,4-Dichlorophenol	*	0.281	0.262	0.273	0.284	0.306	0.281	5.8	*
1,2,4-Trichlorobenzene		0.280	0.253	0.253	0.264	0.284	0.267	5.5	
Naphthalene		1.106	0.981	0.952	0.937	1.004	0.996	6.7	
4-Chloroaniline		0.478	0.453	0.459	0.410	0.486	0.457	6.5	
Hexachlorobutadiene	*	0.139	0.132	0.135	0.137	0.151	0.139	5.3	*
4-Chloro-3-methylphenol	*	0.422	0.401	0.397	0.400	0.433	0.410	3.9	*
2-Methylnaphthalene		0.786	0.709	0.700	0.702	0.755	0.730	5.2	
Hexachlorocyclopentadiene	*	0.242	0.233	0.246	0.245	0.290	0.251	8.8	*
2,4,6-Trichlorophenol	*	0.322	0.295	0.301	0.317	0.341	0.315	5.7	*
2,4,5-Trichlorophenol		0.338	0.320	0.323	0.340	0.369	0.338	5.7	
2-Chloronaphthalene		1.192	1.042	1.022	1.029	1.099	1.077	6.6	
2-Nitroaniline		0.572	0.507	0.497	0.492	0.528	0.519	6.3	
Dimethylphthalate		1.584	1.396	1.365	1.318	1.381	1.409	7.3	
Acenaphthylene		2.170	1.871	1.835	1.909	2.053	1.968	7.1	
3-Nitroaniline		0.424	0.381	0.369	0.365	0.397	0.387	6.2	
Acenaphthene	*	1.267	1.106	1.072	1.107	1.199	1.150	7.0	*
2,4-Dinitrophenol	*	0.053	0.090	0.116	0.143	0.153	0.111	36.4	*
4-Nitrophenol	*	0.244	0.236	0.240	0.254	0.272	0.249	5.8	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date(s): 12/20/04 12/20/04

Calibration Times: 12:16 15:17

LAB FILE ID: RRF20 = E8020.D RRF50 = E8021.D

RRF80 = E8022.D RRF120 = E8023.D RRF160 = E8019.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Dibenzofuran		1.646	1.470	1.436	1.451	1.551	1.511	5.8	
2,6-Dinitrotoluene		0.367	0.327	0.327	0.333	0.345	0.340	5.0	
2,4-Dinitrotoluene		0.469	0.442	0.438	0.453	0.478	0.456	3.8	
Diethylphthalate		1.769	1.564	1.491	1.444	1.496	1.553	8.2	
4-Chlorophenyl-phenylether		0.518	0.467	0.471	0.493	0.537	0.497	6.0	
Fluorene		1.391	1.252	1.255	1.293	1.384	1.315	5.2	
4-Nitroaniline		0.478	0.409	0.404	0.411	0.416	0.424	7.2	
4,6-Dinitro-2-methylphenol		0.089	0.107	0.119	0.133	0.144	0.118	18.3	
Carbazole		1.164	0.989	0.963	0.960	1.002	1.015	8.3	
n-Nitrosodiphenylamine	*	0.737	0.639	0.633	0.632	0.674	0.663	6.8	*
1,2-Diphenylhydrazine		1.347	1.135	1.035	0.953	0.988	1.092	14.5	
Azobenzene		1.347	1.135	1.035	0.953	0.988	1.092	14.5	
4-Bromophenyl-phenylether		0.176	0.165	0.170	0.172	0.187	0.174	4.8	
Hexachlorobenzene		0.178	0.167	0.172	0.176	0.193	0.177	5.5	
Pentachlorophenol	*	0.097	0.103	0.111	0.118	0.127	0.111	10.6	*
Phenanthrene		1.156	1.037	1.037	1.038	1.121	1.078	5.3	
Anthracene		1.153	1.041	1.037	1.028	1.114	1.074	5.2	
Di-n-butylphthalate		2.011	1.733	1.682	1.629	1.721	1.755	8.5	
Fluoranthene	*	1.181	1.077	1.089	1.085	1.173	1.121	4.6	*
Benzidine		1.261	1.082	1.050	0.901	1.049	1.068	12.0	
Pyrene		1.681	1.454	1.392	1.337	1.391	1.451	9.3	
Butylbenzylphthalate		1.319	1.094	0.997	0.930	0.938	1.056	15.3	
3,3'-Dichlorobenzidine		0.368	0.324	0.352	0.436	0.410	0.378	11.8	
Benzo[a]anthracene		1.448	1.322	1.283	1.227	1.310	1.318	6.2	
bis(2-Ethylhexyl)phthalate		1.629	1.368	1.257	1.149	1.192	1.319	14.6	
Chrysene		1.204	1.098	1.090	1.063	1.141	1.119	4.9	
Di-n-octylphthalate	*	3.381	2.885	2.762	2.697	2.866	2.918	9.2	*
Benzo[b]fluoranthene		1.492	1.454	1.502	1.526	1.808	1.556	9.2	
Benzo[k]fluoranthene		1.336	1.182	1.207	1.282	1.271	1.256	4.9	
Benzo[a]pyrene		1.326	1.245	1.277	1.303	1.425	1.315	5.2	
Indeno[1,2,3-cd]pyrene		1.334	1.306	1.345	1.384	1.501	1.374	5.5	
Dibenz[a,h]anthracene		1.080	1.082	1.133	1.161	1.260	1.143	6.5	
Benzo[g,h,i]perylene		1.058	1.019	1.051	1.070	1.172	1.074	5.4	
2-Fluorophenol		1.338	1.280	1.308	1.432	1.466	1.365	5.9	
Phenol-d5		1.875	1.724	1.675	1.760	1.767	1.760	4.2	
Nitrobenzene-d5		0.526	0.479	0.478	0.483	0.498	0.493	4.1	
2-Fluorobiphenyl		1.299	1.142	1.141	1.190	1.244	1.203	5.7	
2,4,6-Tribromophenol		0.104	0.103	0.109	0.124	0.128	0.113	10.3	
Terphenyl-d14		1.083	0.981	0.957	0.951	0.986	0.992	5.3	

(1) Cannot be separated from Diphenylamine

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BF

Contractor: Accredited Labs Calibration Date: 12/21/04

Contract No: CALF51

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F2745	>F2743	>F2746	>F2747	>F2744					
Compound	RF 20.00	RF 50.00	RF 80.00	RF 120.00	RF 160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Pyridine	1.10344	1.17788	1.24814	1.30549	1.36485	.340	1.23996	8.308		
N-Nitrosodimethylamine	.94657	1.01022	1.11930	1.21943	1.18662	.346	1.09643	10.565		
2-Fluorophenol	1.20279	1.26115	1.36824	1.53909	1.48730	.694	1.37171	10.447		
Aniline	2.40000	2.36464	2.45268	2.71608	2.70935	.936	2.52855	6.764		
Phenol-d5	1.82100	1.77022	1.85095	1.96612	1.78652	.950	1.83896	4.222		
Phenol	2.03883	1.80416	1.85513	1.85871	1.59283	.953	1.82993	8.726	*	
bis(-2-Chloroethyl)Ether	1.62648	1.44254	1.42444	1.37766	1.17946	.957	1.41011	11.342		
2-Chlorophenol	1.44909	1.33895	1.34304	1.41005	1.29209	.960	1.36664	4.564		
1,3-Dichlorobenzene	1.53727	1.43482	1.44265	1.48055	1.40669	.989	1.46040	3.452		
1,4-Dichlorobenzene	1.55455	1.44801	1.40500	1.45348	1.39080	1.004	1.45037	4.425	*	
Benzyl Alcohol	.98018	.94396	1.05909	1.12387	1.19948	1.059	1.06132	9.810		
1,2-Dichlorobenzene	1.44196	1.28359	1.22728	1.27574	1.16310	1.052	1.27833	8.082		
2-Methylphenol	1.43423	1.30099	1.32443	1.46002	1.43127	1.099	1.39019	5.185		
bis(2-Chloroisopropyl)ether	3.77643	3.32542	3.55205	3.84457	3.66134	1.095	3.63196	5.631		
3&4-Methylphenol	1.58198	1.50040	1.49887	1.61585	1.49036	1.141	1.53749	3.737		
N-Nitroso-Di-n-propylamine	1.46534	1.39399	1.41916	1.40822	1.19606	1.137	1.37655	7.583		**
Hexachloroethane	.45435	.45485	.45154	.46402	.44001	1.128	.45295	1.904		
Nitrobenzene-d5	.47350	.45884	.46263	.47054	.45454	.869	.46401	1.707		
Nitrobenzene	.47240	.44602	.42768	.45647	.43940	.873	.44839	3.792		
Isophorone	.94893	.90115	.92693	.95617	.93136	.922	.93291	2.302		
2-Nitrophenol	.22233	.23635	.23552	.22761	.22003	.934	.22837	3.258	*	
2,4-Dimethylphenol	.33207	.31600	.31400	.31208	.30928	.955	.31669	2.825		
Benzoic Acid	.00756	.08406	.12036	.15448	.17743	1.005	.10878	61.312		
bis(-2-Chloroethoxy)Methane	.56839	.53090	.50832	.52646	.50228	.972	.52727	4.917		
2,4-Dichlorophenol	.30845	.30745	.29382	.28561	.27729	.983	.29452	4.612	*	
1,2,4-Trichlorobenzene	.32253	.30004	.29095	.28977	.27642	.994	.29594	5.773		
Naphthalene	1.11757	1.01109	.93812	.85195	.86281	1.005	.95631	11.570		
4-Chloroaniline	.51152	.46747	.47131	.46772	.47016	1.028	.47764	3.980		
Hexachlorobutadiene	.13611	.13186	.11994	.11190	.11693	1.041	.12335	8.300	*	
4-Chloro-3-methylphenol	.42531	.39208	.38015	.39623	.39069	1.131	.39689	4.273	*	

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Date
HSL Compounds

Case No: Instrument ID: HP5970BF

Contractor: Accredited Labs Calibration Date: 12/21/04

Contract No: CALF51

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F2745	>F2743	>F2746	>F2747	>F2744					
Compound	RF 20.00	RF 50.00	RF 80.00	RF 120.00	RF 160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
2-Methylnaphthalene	.76985	.67895	.64354	.61641	.57004	1.141	.65576	11.462		
Hexachlorocyclopentadiene	.10507	.16950	.19652	.21038	.21496	.878	.17929	25.161		**
2,4,6-Trichlorophenol	.35525	.35411	.35586	.35179	.37230	.894	.35786	2.297	*	
2,4,5-Trichlorophenol	.39186	.37550	.37237	.37498	.39072	.900	.38109	2.466		
2-Chloronaphthalene	1.23735	1.09835	1.07569	1.02673	1.04173	.916	1.09597	7.653		
2-Fluorobiphenyl	1.40907	1.22200	1.16408	1.14849	1.07475	.906	1.20368	10.489		
2-Nitroaniline	.59840	.58265	.61880	.66810	.68397	.943	.63038	6.973		
Dimethyl Phthalate	1.69967	1.30339	1.20681	1.33931	1.40224	.979	1.39029	13.441		
Acenaphthylene	2.04726	1.62573	1.63278	1.67205	1.69290	.977	1.73414	10.219		
3-Nitroaniline	.46254	.41275	.40268	.41965	.44323	1.007	.42817	5.683		
Acenaphthene	1.34451	1.11559	1.03860	1.05914	1.04920	1.006	1.12141	11.433	*	
2,4-Dinitrophenol	.05235	.16006	.20726	.23973	.26652	1.022	.18518	45.466		**
4-Nitrophenol	.17221	.20130	.23256	.23822	.25445	1.039	.21975	14.938		**
Dibenzofuran	1.85049	1.60126	1.57824	1.55346	1.53513	1.029	1.62371	7.958		
2,6-Dinitrotoluene	.43532	.40071	.40860	.42307	.42554	.987	.41865	3.309		
2,4-Dinitrotoluene	.62532	.58987	.59912	.60393	.62059	1.044	.60777	2.444		
Diethylphthalate	1.86969	1.45614	1.31942	1.15473	1.06639	1.082	1.37327	22.974		
4-Chlorophenyl-phenylether	.67854	.58375	.50556	.41564	.38857	1.082	.51441	23.298		
Fluorene	1.44094	1.19230	1.13068	1.14450	1.09965	1.079	1.20161	11.476		
4-Nitroaniline	.48705	.47882	.48543	.43865	.33678	1.101	.44535	14.334		
2,4,6-Tribromophenol	.15293	.16395	.15100	.15385	.16929	1.119	.15820	5.043		
Carbazole	1.19163	1.01377	.99209	1.03061	.96693	1.032	1.03901	8.527		
4,6-Dinitro-2-methylphenol	.12326	.15277	.13118	.11783	.09710	.908	.12443	16.275		
N-Nitrosodiphenylamine	.72506	.56336	.52234	.46818	.39425	.909	.53464	23.166	*	
Azobenzene	1.23852	1.02360	.96071	.89772	.74586	.909	.97328	18.556		
4-Bromophenyl-phenylether	.18697	.18032	.17211	.16926	.16177	.948	.17409	5.627		
Hexachlorobenzene	.18991	.17391	.16045	.15885	.15593	.964	.16781	8.434		
Pentachlorophenol	.06771	.09431	.09921	.10755	.11256	.988	.09627	18.148	*	
Phenanthrene	1.18236	1.03740	.98630	.97669	.93811	1.003	1.02417	9.301		
Anthracene	1.22782	1.08012	.99424	.97815	.90247	1.009	1.03656	11.978		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BF

Contractor: Accredited Labs Calibration Date: 12/21/04

Contract No: CALF51

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>F2745	>F2743	>F2746	>F2747	>F2744					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Di-n-Butylphthalate	1.86647	1.62471	1.59261	1.51584	1.47977	1.084	1.61588	9.383		
Fluoranthene	1.24919	1.10833	1.06391	1.04107	.99691	1.147	1.09188	8.856	*	
Benzidine	.89445	.95858	1.13025	1.16259	1.08425	.884	1.04602	10.980		
Pyrene	1.62907	1.55377	1.57996	1.61628	1.57124	.868	1.59006	1.984		
Terphenyl-d14	.96629	.93346	.93300	.94995	.91883	.905	.94031	1.939		
Butylbenzylphthalate	1.12010	1.03685	1.10731	1.10884	1.03373	.956	1.08136	3.918		
3,3'-Dichlorobenzidine	.37634	.38919	.43532	.46630	.43052	1.001	.41953	8.712		
Benzo(a)Anthracene	1.42114	1.36099	1.42169	1.45579	1.46675	.998	1.42527	2.896		
Bis(2-Ethylhexyl)Phthalate	1.58922	1.41821	1.46605	1.43911	1.36451	1.010	1.45542	5.742		
Chrysene	1.32579	1.23348	1.28951	1.24427	1.19967	1.003	1.25855	3.929		
Di-n-octyl phthalate	2.77668	2.40830	2.33888	2.35617	2.07749	.948	2.39151	10.480	*	
Benzo(b)fluoranthene	1.60951	1.35650	1.16096	1.18946	1.09465	.974	1.28222	16.131		
Benzo(k)Fluoranthene	1.14338	1.13220	1.23693	1.14011	1.10156	.975	1.15084	4.422		
Benzo(a)Pyrene	1.30675	1.20012	1.17771	1.16687	1.12607	.996	1.19550	5.666	*	
Indeno(1,2,3-cd)Pyrene	1.32059	1.24241	1.20849	1.20151	1.14438	1.069	1.22348	5.290		
Dibenzo(a,h)Anthracene	1.04921	.97358	.92636	.95113	.91639	1.069	.96333	5.493		
Benzo(g,h,i)Perylene	1.15935	1.10193	1.09852	1.08576	1.03863	1.085	1.09684	3.934		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date(s): 12/28/04 12/28/04

Calibration Times: 8:49 11:45

LAB FILE ID: RRF20 = E8097.D RRF50 = E8096.D

RRF80 = E8100.D RRF120 = E8099.D RRF160 = E8098.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Pyridine		0.747	0.900	0.885	0.807	0.904	0.848	8.1	
N-Nitrosodimethylamine		0.775	0.931	0.813	0.775	0.795	0.818	8.0	
Aniline		2.736	2.775	2.693	2.642	2.683	2.706	1.9	
Phenol	*	2.107	1.979	1.875	1.759	1.657	1.875	9.5	*
bis(2-Chloroethyl)ether		1.709	1.505	1.416	1.235	1.187	1.410	15.0	
2-Chlorophenol		1.513	1.431	1.388	1.347	1.347	1.405	4.9	
1,3-Dichlorobenzene		1.602	1.548	1.489	1.431	1.424	1.499	5.1	
1,4-Dichlorobenzene	*	1.607	1.538	1.484	1.438	1.426	1.498	5.0	*
Benzyl alcohol		1.564	1.455	1.481	1.465	1.493	1.491	2.9	
1,2-Dichlorobenzene		1.507	1.409	1.370	1.319	1.323	1.385	5.6	
2-Methylphenol		1.536	1.393	1.331	1.267	1.248	1.355	8.6	
bis(2-chloroisopropyl)ether		2.671	2.281	2.117	1.889	1.783	2.148	16.3	
3&4-Methylphenol		1.618	1.482	1.425	1.343	1.373	1.448	7.5	
N-Nitroso-di-n-propylamine	*	1.525	1.329	1.290	1.249	1.234	1.325	8.9	*
Hexachloroethane		0.772	0.746	0.714	0.679	0.668	0.716	6.1	
Nitrobenzene		0.494	0.478	0.454	0.435	0.423	0.457	6.4	
Isophorone		1.005	0.984	0.983	0.938	0.917	0.965	3.8	
2-Nitrophenol	*	0.242	0.240	0.235	0.229	0.234	0.236	2.3	*
2,4-Dimethylphenol		0.449	0.445	0.430	0.417	0.416	0.431	3.5	
Benzoic Acid		0.099	0.146	0.189	0.197	0.208	0.168	26.9	
bis(2-Chloroethoxy)methane		0.579	0.547	0.530	0.494	0.473	0.525	8.1	
2,4-Dichlorophenol	*	0.301	0.306	0.298	0.296	0.296	0.299	1.4	*
1,2,4-Trichlorobenzene		0.283	0.280	0.273	0.271	0.272	0.276	1.9	
Naphthalene		1.130	1.081	1.030	0.977	0.969	1.037	6.6	
4-Chloroaniline		0.519	0.530	0.522	0.490	0.481	0.508	4.3	
Hexachlorobutadiene	*	0.132	0.139	0.136	0.137	0.136	0.136	2.0	*
4-Chloro-3-methylphenol	*	0.424	0.427	0.412	0.398	0.399	0.412	3.3	*
2-Methylnaphthalene		0.803	0.769	0.739	0.706	0.703	0.744	5.7	
Hexachlorocyclopentadiene	*	0.232	0.265	0.253	0.276	0.297	0.265	9.2	*
2,4,6-Trichlorophenol	*	0.323	0.329	0.326	0.331	0.352	0.332	3.5	*
2,4,5-Trichlorophenol		0.349	0.352	0.350	0.361	0.383	0.359	3.9	
2-Chloronaphthalene		1.213	1.157	1.114	1.095	1.128	1.141	4.0	
2-Nitroaniline		0.570	0.540	0.537	0.525	0.541	0.542	3.1	
Dimethylphthalate		1.573	1.458	1.347	1.298	1.340	1.403	8.0	
Acenaphthylene		2.186	1.998	1.904	1.934	2.022	2.009	5.5	
3-Nitroaniline		0.434	0.435	0.415	0.395	0.405	0.417	4.3	
Acenaphthene	*	1.265	1.182	1.145	1.149	1.204	1.189	4.1	*
2,4-Dinitrophenol	*	0.114	0.165	0.191	0.205	0.221	0.179	23.3	*
4-Nitrophenol	*	0.202	0.213	0.227	0.237	0.254	0.226	8.8	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971BE Calibration Date(s): 12/28/04 12/28/04

Calibration Times: 8:49 11:45

LAB FILE ID: RRF20 = E8097.D RRF50 = E8096.D

RRF80 = E8100.D RRF120 = E8099.D RRF160 = E8098.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	RRF	% RSD	
Dibenzofuran		1.695	1.638	1.573	1.552	1.623	1.616	3.5	
2,6-Dinitrotoluene		0.379	0.375	0.366	0.359	0.366	0.369	2.1	
2,4-Dinitrotoluene		0.516	0.508	0.506	0.502	0.521	0.511	1.5	
Diethylphthalate		1.722	1.548	1.438	1.338	1.310	1.471	11.4	
4-Chlorophenyl-phenylether		0.522	0.497	0.485	0.490	0.499	0.498	2.8	
Fluorene		1.399	1.330	1.303	1.289	1.342	1.333	3.2	
4-Nitroaniline		0.492	0.486	0.487	0.449	0.426	0.468	6.3	
4,6-Dinitro-2-methylphenol		0.137	0.161	0.160	0.158	0.153	0.154	6.5	
Carbazole		1.177	1.089	1.050	1.011	0.975	1.060	7.4	
n-Nitrosodiphenylamine	*	0.763	0.727	0.683	0.654	0.644	0.694	7.2	*
1,2-Diphenylhydrazine		1.313	1.223	1.092	0.976	0.947	1.110	14.2	
Azobenzene		1.313	1.223	1.092	0.976	0.947	1.110	14.2	
4-Bromophenyl-phenylether		0.176	0.184	0.178	0.184	0.188	0.182	2.5	
Hexachlorobenzene		0.176	0.184	0.182	0.189	0.196	0.186	4.0	
Pentachlorophenol	*	0.079	0.102	0.107	0.113	0.119	0.104	14.6	*
Phenanthrene		1.171	1.137	1.090	1.080	1.086	1.113	3.6	
Anthracene		1.182	1.105	1.043	1.004	0.977	1.062	7.8	
Di-n-butylphthalate		2.000	1.786	1.706	1.603	1.555	1.730	10.2	
Fluoranthene	*	1.198	1.135	1.119	1.104	1.096	1.130	3.6	*
Benzidine		1.266	1.408	1.260	1.256	1.291	1.296	4.9	
Pyrene		1.882	1.883	1.651	1.617	1.633	1.733	7.9	
Butylbenzylphthalate		1.393	1.256	1.061	0.960	0.925	1.119	17.9	
3,3'-Dichlorobenzidine		0.401	0.428	0.478	0.490	0.507	0.461	9.6	
Benzo[a]anthracene		1.560	1.558	1.454	1.413	1.410	1.479	5.1	
bis(2-Ethylhexyl)phthalate		1.339	1.043	0.957	0.903	0.901	1.028	17.8	
Chrysene		1.117	1.093	1.090	1.131	1.175	1.121	3.1	
Di-n-octylphthalate	*	3.770	3.638	3.462	3.523	3.574	3.593	3.3	*
Benzo[b]fluoranthene		1.823	2.083	2.088	2.498	2.614	2.221	14.7	
Benzo[k]fluoranthene		1.299	1.401	1.557	1.613	1.786	1.531	12.4	
Benzo[a]pyrene		1.504	1.760	1.772	1.929	2.017	1.796	10.9	
Indeno[1,2,3-cd]pyrene		1.524	1.724	1.758	1.866	1.934	1.761	8.9	
Dibenz[a,h]anthracene		1.165	1.265	1.378	1.529	1.623	1.392	13.4	
Benzo[g,h,i]perylene		1.131	1.176	1.227	1.323	1.392	1.250	8.5	
2-Fluorophenol		1.425	1.526	1.464	1.447	1.473	1.467	2.6	
Phenol-d5		2.037	1.990	1.923	1.812	1.786	1.910	5.7	
Nitrobenzene-d5		0.504	0.505	0.495	0.475	0.460	0.488	4.1	
2-Fluorobiphenyl		1.261	1.211	1.165	1.171	1.200	1.202	3.2	
2,4,6-Tribromophenol		0.103	0.113	0.119	0.126	0.136	0.120	10.4	
Terphenyl-d14		1.123	1.211	1.076	1.083	1.108	1.120	4.8	

(1) Cannot be separated from Diphenylamine

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6B

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date(s): 12/30/04 12/30/04

Calibration Times: 8:40 11:37

LAB FILE ID: RRF20 = E8122.D RRF50 = E8121.D

RRF80 = E8124.D RRF120 = E8125.D RRF160 = E8123.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Pyridine		1.007	1.278	1.331	1.388	1.464	1.294	13.5	
N-Nitrosodimethylamine		1.365	1.375	1.310	1.314	1.331	1.339	2.2	
Aniline		3.178	3.300	3.229	3.273	3.351	3.266	2.0	
Phenol	*	2.541	2.577	2.407	2.152	2.006	2.337	10.7	*
bis(2-Chloroethyl)ether		2.122	1.912	1.723	1.483	1.351	1.718	18.2	
2-Chlorophenol		1.644	1.628	1.511	1.444	1.417	1.529	6.8	
1,3-Dichlorobenzene		1.589	1.587	1.501	1.446	1.405	1.505	5.5	
1,4-Dichlorobenzene	*	1.579	1.559	1.463	1.389	1.346	1.467	7.0	*
Benzyl alcohol		1.574	1.493	1.424	1.427	1.478	1.479	4.1	
1,2-Dichlorobenzene		1.506	1.440	1.317	1.225	1.174	1.333	10.5	
2-Methylphenol		1.762	1.718	1.593	1.524	1.527	1.625	6.8	
bis(2-chloroisopropyl)ether		3.243	2.780	2.572	2.350	2.281	2.645	14.6	
3&4-Methylphenol		1.913	1.862	1.710	1.619	1.628	1.746	7.7	
N-Nitroso-di-n-propylamine	*	1.609	1.474	1.306	1.107	1.337	1.367	13.8	*
Hexachloroethane		0.753	0.754	0.711	0.671	0.646	0.707	6.8	
Nitrobenzene		0.487	0.465	0.441	0.418	0.400	0.442	7.9	
Isophorone		1.062	1.055	1.039	0.899	0.765	0.964	13.5	
2-Nitrophenol	*	0.236	0.248	0.239	0.234	0.240	0.239	2.3	*
2,4-Dimethylphenol		0.435	0.428	0.406	0.393	0.393	0.411	4.8	
Benzoic Acid		0.082	0.135	0.179	0.192	0.197	0.157	31.1	
bis(2-Chloroethoxy)methane		0.670	0.636	0.602	0.570	0.555	0.607	7.8	
2,4-Dichlorophenol	*	0.282	0.289	0.277	0.267	0.264	0.276	3.8	*
1,2,4-Trichlorobenzene		0.252	0.252	0.239	0.227	0.221	0.238	6.0	
Naphthalene		1.153	1.115	1.038	0.959	0.924	1.038	9.4	
4-Chloroaniline		0.522	0.550	0.535	0.515	0.510	0.526	3.1	
Hexachlorobutadiene	*	0.094	0.093	0.086	0.079	0.075	0.085	9.5	*
4-Chloro-3-methylphenol	*	0.410	0.406	0.390	0.368	0.365	0.388	5.3	*
2-Methylnaphthalene		0.758	0.740	0.691	0.646	0.627	0.692	8.3	
Hexachlorocyclopentadiene	*	0.160	0.183	0.178	0.177	0.174	0.174	4.9	*
2,4,6-Trichlorophenol	*	0.305	0.320	0.301	0.300	0.298	0.305	2.8	*
2,4,5-Trichlorophenol		0.325	0.340	0.318	0.309	0.306	0.319	4.2	
2-Chloronaphthalene		1.223	1.207	1.131	1.092	1.068	1.144	6.0	
2-Nitroaniline		0.592	0.580	0.568	0.564	0.561	0.573	2.3	
Dimethylphthalate		1.451	1.351	1.075	1.037	1.102	1.203	15.4	
Acenaphthylene		2.192	2.024	1.736	1.710	1.763	1.885	11.3	
3-Nitroaniline		0.472	0.477	0.431	0.411	0.423	0.443	6.7	
Acenaphthene	*	1.302	1.239	1.128	1.078	1.064	1.162	9.0	*
2,4-Dinitrophenol	*	0.099	0.158	0.181	0.202	0.209	0.170	26.1	*
4-Nitrophenol	*	0.170	0.178	0.184	0.190	0.191	0.183	4.8	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971BE Calibration Date(s): 12/30/04 12/30/04

Calibration Times: 8:40 11:37

LAB FILE ID: RRF20 = E8122.D RRF50 = E8121.D

RRF80 = E8124.D RRF120 = E8125.D RRF160 = E8123.D

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
Dibenzofuran		1.692	1.666	1.529	1.473	1.419	1.556	7.7	
2,6-Dinitrotoluene		0.374	0.378	0.364	0.361	0.361	0.367	2.2	
2,4-Dinitrotoluene		0.491	0.506	0.488	0.486	0.484	0.491	1.7	
Diethylphthalate		1.570	1.395	1.151	0.905	0.753	1.155	29.2	
4-Chlorophenyl-phenylether		0.484	0.464	0.402	0.294	0.195	0.368	33.1	
Fluorene		1.388	1.270	1.086	0.951	0.879	1.115	19.1	
4-Nitroaniline		0.527	0.531	0.524	0.499	0.415	0.499	9.7	
4,6-Dinitro-2-methylphenol		0.135	0.155	0.139	0.101	0.072	0.121	27.7	
Carbazole		1.289	1.172	1.127	1.089	1.074	1.150	7.5	
n-Nitrosodiphenylamine	*	0.805	0.727	0.619	0.512	0.445	0.622	23.9	*
1,2-Diphenylhydrazine		1.591	1.389	1.184	1.000	0.897	1.212	23.3	
Azobenzene		1.591	1.389	1.184	1.000	0.896	1.212	23.4	
4-Bromophenyl-phenylether		0.152	0.151	0.140	0.133	0.127	0.141	7.8	
Hexachlorobenzene		0.142	0.141	0.131	0.127	0.121	0.132	6.8	
Pentachlorophenol	*	0.070	0.084	0.083	0.085	0.088	0.082	8.5	*
Phenanthrene		1.203	1.163	1.085	1.039	1.018	1.102	7.2	
Anthracene		1.258	1.214	1.131	1.058	1.008	1.134	9.2	
Di-n-butylphthalate		2.076	1.979	1.816	1.701	1.635	1.842	10.0	
Fluoranthene	*	1.158	1.128	1.058	1.025	0.990	1.072	6.5	*
Benzidine		1.344	1.498	1.532	1.637	1.748	1.552	9.8	
Pyrene		1.902	1.914	1.881	1.984	2.060	1.948	3.8	
Butylbenzylphthalate		1.523	1.520	1.490	1.532	1.551	1.523	1.5	
3,3'-Dichlorobenzidine		0.281	0.300	0.346	0.381	0.377	0.337	13.4	
Benzo[a]anthracene		1.531	1.583	1.580	1.693	1.819	1.641	7.1	
bis(2-Ethylhexyl)phthalate		2.077	2.032	1.975	1.984	2.008	2.015	2.0	
Chrysene		1.326	1.361	1.352	1.400	1.371	1.362	2.0	
Di-n-octylphthalate	*	4.272	4.199	3.856	3.650	3.487	3.893	8.7	*
Benzo[b]fluoranthene		1.574	1.591	1.612	1.656	1.559	1.599	2.4	
Benzo[k]fluoranthene		1.315	1.360	1.168	0.996	0.970	1.162	15.4	
Benzo[a]pyrene		1.366	1.430	1.356	1.347	1.333	1.366	2.7	
Indeno[1,2,3-cd]pyrene		1.405	1.441	1.360	1.333	1.286	1.365	4.4	
Dibenz[a,h]anthracene		1.122	1.160	1.108	1.103	1.110	1.121	2.1	
Benzo[g,h,i]perylene		1.144	1.155	1.123	1.122	1.129	1.135	1.3	
2-Fluorophenol		1.671	1.806	1.766	1.784	1.800	1.765	3.1	
Phenol-d5		2.453	2.492	2.379	2.288	2.231	2.369	4.6	
Nitrobenzene-d5		0.498	0.486	0.478	0.459	0.448	0.474	4.2	
2-Fluorobiphenyl		1.198	1.192	1.104	1.048	1.010	1.110	7.6	
2,4,6-Tribromophenol		0.080	0.087	0.083	0.083	0.082	0.083	3.0	
Terphenyl-d14		0.971	1.006	0.971	0.994	1.000	0.988	1.6	

(1) Cannot be separated from Diphenylamine

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/21/04

Contractor: Accredited Labs Time: 14:28

Contract No: CALF51 Laboratory ID: >F2749

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Pyridine	1.23996	1.34588	8.54		
N-Nitrosodimethylamine	1.09643	1.11078	1.31		
2-Fluorophenol	1.37171	1.33145	2.94		
Aniline	2.52855	2.45269	3.00		
Phenol-d5	1.83896	1.88261	2.37		
Phenol	1.82993	1.93528	5.76	*	
bis(-2-Chloroethyl)Ether	1.41011	1.47446	4.56		
2-Chlorophenol	1.36664	1.37583	.67		
1,3-Dichlorobenzene	1.46040	1.48219	1.49		
1,4-Dichlorobenzene	1.45037	1.46450	.97	*	
Benzyl Alcohol	1.06132	1.03906	2.10		
1,2-Dichlorobenzene	1.27833	1.31246	2.67		
2-Methylphenol	1.39019	1.40976	1.41		
bis(2-Chloroisopropyl)ether	3.63196	3.63490	.08		
3&4-Methylphenol	1.53749	1.61836	5.26		
N-Nitroso-Di-n-propylamine	1.37655	1.47572	7.20		**
Hexachloroethane	.45295	.28175	37.80		
Nitrobenzene-d5	.46401	.47777	2.97		
Nitrobenzene	.44839	.46087	2.78		
Isophorone	.93291	.96678	3.63		
2-Nitrophenol	.22837	.23985	5.03	*	
2,4-Dimethylphenol	.31669	.32154	1.53		
Benzoic Acid	.10878	.10920	.39		
bis(-2-Chloroethoxy)Methane	.52727	.52075	1.24		
2,4-Dichlorophenol	.29452	.30937	5.04	*	
1,2,4-Trichlorobenzene	.29594	.30553	3.24		
Naphthalene	.95631	.95884	.26		
4-Chloroaniline	.47764	.50311	5.33		
Hexachlorobutadiene	.12335	.12462	1.03	*	
4-Chloro-3-methylphenol	.39689	.41579	4.76	*	
2-Methylnaphthalene	.65576	.66214	.97		
Hexachlorocyclopentadiene	.17929	.15723	12.30		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Case No: Calibration Date: 12/21/04

Contractor: Accredited Labs Time: 14:28

Contract No: CALF51 Laboratory ID: >F2749

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.35786	.35448	.95	*	
2,4,5-Trichlorophenol	.38109	.38562	1.19		
2-Chloronaphthalene	1.09597	1.10364	.70		
2-Fluorobiphenyl	1.20368	1.22584	1.84		
2-Nitroaniline	.63038	.62112	1.47		
Dimethyl Phthalate	1.39029	1.31649	5.31		
Acenaphthylene	1.73414	1.65511	4.56		
3-Nitroaniline	.42817	.42489	.77		
Acenaphthene	1.12141	1.09621	2.25	*	
2,4-Dinitrophenol	.18518	.19491	5.26		**
4-Nitrophenol	.21975	.22642	3.04		**
Dibenzofuran	1.62371	1.68931	4.04		
2,6-Dinitrotoluene	.41865	.41212	1.56		
2,4-Dinitrotoluene	.60777	.59134	2.70		
Diethylphthalate	1.37327	1.49308	8.72		
4-Chlorophenyl-phenylether	.51441	.55788	8.45		
Fluorene	1.20161	1.24136	3.31		
4-Nitroaniline	.44535	.50752	13.96		
2,4,6-Tribromophenol	.15820	.15256	3.57		
Carbazole	1.03901	1.04707	.78		
4,6-Dinitro-2-methylphenol	.12443	.14584	17.21		
N-Nitrosodiphenylamine	.53464	.57900	8.30	*	
Azobenzene	.97328	1.07797	10.76		
4-Bromophenyl-phenylether	.17409	.17675	1.53		
Hexachlorobenzene	.16781	.16181	3.58		
Pentachlorophenol	.09627	.09659	.33	*	
Phenanthrene	1.02417	1.02723	.30		
Anthracene	1.03656	1.07889	4.08		
Di-n-Butylphthalate	1.61588	1.65243	2.26		
Fluoranthene	1.09188	1.10578	1.27	*	
Benzidine	1.04602	1.00298	4.12		
Pyrene	1.59006	1.62915	2.46		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/21/04

Contractor: Accredited Labs Time: 14:28

Contract No: CALF51 Laboratory ID: >F2749

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Terphenyl-d14	.94031	.96944	3.10		
Butylbenzylphthalate	1.08136	1.16033	7.30		
3,3'-Dichlorobenzidine	.41953	.43633	4.00		
Benzo(a)Anthracene	1.42527	1.42983	.32		
Bis(2-Ethylhexyl)Phthalate	1.45542	1.57601	8.29		
Chrysene	1.25855	1.27434	1.26		
Di-n-octyl phthalate	2.39151	2.63282	10.09	*	
Benzo(b)fluoranthene	1.28222	1.55716	21.44		
Benzo(k)Fluoranthene	1.15084	1.00636	12.55		
Benzo(a)Pyrene	1.19550	1.24111	3.82	*	
Indeno(1,2,3-cd)Pyrene	1.22348	1.28568	5.08		
Dibenzo(a,h)Anthracene	.96333	.98304	2.05		
Benzo(g,h,i)Perylene	1.09684	1.15501	5.30		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

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Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/22/04

Contractor: Accredited Labs Time: 15:10

Contract No: CALF51 Laboratory ID: >F2775

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Pyridine	1.23996	1.03763	16.32		
N-Nitrosodimethylamine	1.09643	.92315	15.80		
2-Fluorophenol	1.37171	1.39480	1.68		
Aniline	2.52855	2.64915	4.77		
Phenol-d5	1.83896	2.06693	12.40		
Phenol	1.82993	2.14987	17.48	*	
bis(-2-Chloroethyl)Ether	1.41011	1.67018	18.44		
2-Chlorophenol	1.36664	1.48297	8.51		
1,3-Dichlorobenzene	1.46040	1.50972	3.38		
1,4-Dichlorobenzene	1.45037	1.50009	3.43	*	
Benzyl Alcohol	1.06132	1.08328	2.07		
1,2-Dichlorobenzene	1.27833	1.35307	5.85		
2-Methylphenol	1.39019	1.53978	10.76		
bis(2-Chloroisopropyl)ether	3.63196	3.66467	.90		
3&4-Methylphenol	1.53749	1.72918	12.47		
N-Nitroso-Di-n-propylamine	1.37655	1.51858	10.32		**
Hexachloroethane	.45295	.49370	9.00		
Nitrobenzene-d5	.46401	.50315	8.44		
Nitrobenzene	.44839	.49079	9.45		
Isophorone	.93291	.97362	4.36		
2-Nitrophenol	.22837	.22745	.40	*	
2,4-Dimethylphenol	.31669	.32865	3.78		
Benzoic Acid	.10878	.03011	72.32		
bis(-2-Chloroethoxy)Methane	.52727	.55755	5.74		
2,4-Dichlorophenol	.29452	.27887	5.31	*	
1,2,4-Trichlorobenzene	.29594	.27038	8.64		
Naphthalene	.95631	1.02900	7.60		
4-Chloroaniline	.47764	.47413	.73		
Hexachlorobutadiene	.12335	.10007	18.87	*	
4-Chloro-3-methylphenol	.39689	.39123	1.43	*	
2-Methylnaphthalene	.65576	.65361	.33		
Hexachlorocyclopentadiene	.17929	.17479	2.51		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

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Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/22/04

Contractor: Accredited Labs Time: 15:10

Contract No: CALF51 Laboratory ID: >F2775

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.35786	.32441	9.35	*	
2,4,5-Trichlorophenol	.38109	.35681	6.37		
2-Chloronaphthalene	1.09597	1.08863	.67		
2-Fluorobiphenyl	1.20368	1.22213	1.53		
2-Nitroaniline	.63038	.64953	3.04		
Dimethyl Phthalate	1.39029	1.37028	1.44		
Acenaphthylene	1.73414	1.76366	1.70		
3-Nitroaniline	.42817	.44743	4.50		
Acenaphthene	1.12141	1.12374	.21	*	
2,4-Dinitrophenol	.18518	.14001	24.39		**
4-Nitrophenol	.21975	.23681	7.77		**
Dibenzofuran	1.62371	1.64420	1.26		
2,6-Dinitrotoluene	.41865	.39766	5.01		
2,4-Dinitrotoluene	.60777	.57091	6.06		
Diethylphthalate	1.37327	1.59766	16.34		
4-Chlorophenyl-phenylether	.51441	.52888	2.81		
Fluorene	1.20161	1.26900	5.61		
4-Nitroaniline	.44535	.50146	12.60		
2,4,6-Tribromophenol	.15820	.13641	13.77		
Carbazole	1.03901	1.08003	3.95		
4,6-Dinitro-2-methylphenol	.12443	.13190	6.01		
N-Nitrosodiphenylamine	.53464	.62265	16.46	*	
Azobenzene	.97328	1.23070	26.45		
4-Bromophenyl-phenylether	.17409	.16630	4.48		
Hexachlorobenzene	.16781	.15336	8.61		
Pentachlorophenol	.09627	.07749	19.50	*	
Phenanthrene	1.02417	1.07742	5.20		
Anthracene	1.03656	1.07693	3.89		
Di-n-Butylphthalate	1.61588	1.75922	8.87		
Fluoranthene	1.09188	1.08763	.39	*	
Benzidine	1.04602	.98687	5.65		
Pyrene	1.59006	1.63872	3.06		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

272

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/22/04

Contractor: Accredited Labs Time: 15:10

Contract No: CALF51 Laboratory ID: >F2775

Instrument ID: HP5970BF Initial Calibration Date: 12/21/04

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Terphenyl-d14	.94031	.93698	.35		
Butylbenzylphthalate	1.08136	1.22548	13.33		
3,3'-Dichlorobenzidine	.41953	.44284	5.56		
Benzo(a)Anthracene	1.42527	1.41622	.63		
Bis(2-Ethylhexyl)Phthalate	1.45542	1.66820	14.62		
Chrysene	1.25855	1.26978	.89		
Di-n-octyl phthalate	2.39151	2.63068	10.00	*	
Benzo(b)fluoranthene	1.28222	1.50311	17.23		
Benzo(k)Fluoranthene	1.15084	.98363	14.53		
Benzo(a)Pyrene	1.19550	1.20415	.72	*	
Indeno(1,2,3-cd)Pyrene	1.22348	1.30861	6.96		
Dibenzo(a,h)Anthracene	.96333	1.03266	7.20		
Benzo(g,h,i)Perylene	1.09684	1.16959	6.63		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/22/04 Time: 16:14

Lab File ID: E8061.D Init. Calib. Date(s): 12/20/04 12/20/04

Init. Calib. Times: 12:16 15:17

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	0.801	0.951		-18.7	
N-Nitrosodimethylamine	0.801	0.942		-17.7	
Aniline	2.474	2.543		-2.8	
Phenol	1.774	1.894		-6.7	
bis(2-Chloroethyl)ether	1.340	1.429		-6.6	
2-Chlorophenol	1.333	1.371		-2.8	
1,3-Dichlorobenzene	1.409	1.429		-1.4	
1,4-Dichlorobenzene	1.436	1.436		0.0	
Benzyl alcohol	1.487	1.350		9.2	
1,2-Dichlorobenzene	1.346	1.340		0.5	
2-Methylphenol	1.315	1.343		-2.1	
bis(2-chloroisopropyl)ether	1.977	2.059		-4.2	
3&4-Methylphenol	1.379	1.394		-1.1	
N-Nitroso-di-n-propylamine	1.289	1.232	0.050	4.5	0.0
Hexachloroethane	0.683	0.670		1.9	
Nitrobenzene	0.444	0.436		1.8	
Isophorone	0.914	0.911		0.3	
2-Nitrophenol	0.208	0.218		-5.0	
2,4-Dimethylphenol	0.431	0.410		4.8	
Benzoic Acid	0.148	0.098		33.5	
bis(2-Chloroethoxy)methane	0.494	0.510		-3.2	
2,4-Dichlorophenol	0.281	0.277		1.6	
1,2,4-Trichlorobenzene	0.267	0.256		4.1	
Naphthalene	0.996	1.004		-0.8	
4-Chloroaniline	0.457	0.473		-3.4	
Hexachlorobutadiene	0.139	0.121		12.6	
4-Chloro-3-methylphenol	0.410	0.389		5.2	
2-Methylnaphthalene	0.730	0.697		4.6	
Hexachlorocyclopentadiene	0.251	0.217	0.050	13.6	0.0
2,4,6-Trichlorophenol	0.315	0.312		1.1	
2,4,5-Trichlorophenol	0.338	0.333		1.4	
2-Chloronaphthalene	1.077	1.086		-0.8	
2-Nitroaniline	0.519	0.509		1.9	
Dimethylphthalate	1.409	1.417		-0.6	
Acenaphthylene	1.968	1.950		0.9	
3-Nitroaniline	0.387	0.407		-5.1	
Acenaphthene	1.150	1.132		1.5	
2,4-Dinitrophenol	0.111	0.093	0.050	15.9	0.0

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All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/22/04 Time: 16:14

Lab File ID: E8061.D Init. Calib. Date(s): 12/20/04 12/20/04

Init. Calib. Times: 12:16 15:17

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.249	0.214	0.050	14.2	0.0
Dibenzofuran	1.511	1.526		-1.0	
2,6-Dinitrotoluene	0.340	0.342		-0.7	
2,4-Dinitrotoluene	0.456	0.458		-0.4	
Diethylphthalate	1.553	1.534		1.2	
4-Chlorophenyl-phenylether	0.497	0.468		5.9	
Fluorene	1.315	1.274		3.1	
4-Nitroaniline	0.424	0.454		-7.2	
4,6-Dinitro-2-methylphenol	0.118	0.114		3.6	
Carbazole	1.015	1.046		-3.0	
n-Nitrosodiphenylamine	0.663	0.685		-3.3	
1,2-Diphenylhydrazine	1.092	1.174		-7.5	
Azobenzene	1.092	1.174		-7.5	
4-Bromophenyl-phenylether	0.174	0.165		5.3	
Hexachlorobenzene	0.177	0.168		5.3	
Pentachlorophenol	0.111	0.096		13.7	
Phenanthrene	1.078	1.064		1.3	
Anthracene	1.074	1.071		0.3	
Di-n-butylphthalate	1.755	1.735		1.1	
Fluoranthene	1.121	0.930		17.0	
Benzidine	1.068	0.957		10.4	
Pyrene	1.451	1.428		1.6	
Butylbenzylphthalate	1.056	1.112		-5.3	
3,3'-Dichlorobenzidine	0.378	0.409		-8.1	
Benzo[a]anthracene	1.318	1.353		-2.6	
bis(2-Ethylhexyl)phthalate	1.319	1.436		-8.8	
Chrysene	1.119	1.154		-3.1	
Di-n-octylphthalate	2.918	3.068		-5.1	
Benzo[b]fluoranthene	1.556	1.589		-2.1	
Benzo[k]fluoranthene	1.256	1.125		10.4	
Benzo[a]pyrene	1.315	1.283		2.4	
Indeno[1,2,3-cd]pyrene	1.374	1.388		-1.0	
Dibenz[a,h]anthracene	1.143	1.143		0.0	
Benzo[g,h,i]perylene	1.074	1.071		0.2	
2-Fluorophenol	1.365	1.428		-4.6	
Phenol-d5	1.760	1.856		-5.4	
Nitrobenzene-d5	0.493	0.480		2.6	
2-Fluorobiphenyl	1.203	1.189		1.2	
2,4,6-Tribromophenol	0.113	0.099		12.2	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/22/04 Time: 16:14

Lab File ID: E8061.D Init. Calib. Date(s): 12/20/04 12/20/04

Init. Calib. Times: 12:16 15:17

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	0.992	0.968		2.5	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

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7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/28/04 Time: 12:48

Lab File ID: E8102.D Init. Calib. Date(s): 12/28/04 12/28/04

Init. Calib. Times: 8:49 11:45

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	0.848	1.094		-28.9	
N-Nitrosodimethylamine	0.818	0.901		-10.2	
Aniline	2.706	2.789		-3.1	
Phenol	1.875	2.028		-8.1	
bis(2-Chloroethyl)ether	1.410	1.497		-6.1	
2-Chlorophenol	1.405	1.444		-2.8	
1,3-Dichlorobenzene	1.499	1.548		-3.3	
1,4-Dichlorobenzene	1.498	1.542		-2.9	
Benzyl alcohol	1.491	1.503		-0.8	
1,2-Dichlorobenzene	1.385	1.419		-2.4	
2-Methylphenol	1.355	1.400		-3.3	
bis(2-chloroisopropyl)ether	2.148	2.282		-6.2	
3&4-Methylphenol	1.448	1.500		-3.6	
N-Nitroso-di-n-propylamine	1.325	1.357	0.050	-2.4	0.0
Hexachloroethane	0.716	0.747		-4.3	
Nitrobenzene	0.457	0.474		-3.7	
Isophorone	0.965	1.002		-3.8	
2-Nitrophenol	0.236	0.242		-2.7	
2,4-Dimethylphenol	0.431	0.440		-2.0	
Benzoic Acid	0.168	0.175		-4.1	
bis(2-Chloroethoxy)methane	0.525	0.553		-5.3	
2,4-Dichlorophenol	0.299	0.305		-1.8	
1,2,4-Trichlorobenzene	0.276	0.279		-1.2	
Naphthalene	1.037	1.073		-3.4	
4-Chloroaniline	0.508	0.535		-5.3	
Hexachlorobutadiene	0.136	0.137		-0.8	
4-Chloro-3-methylphenol	0.412	0.424		-3.0	
2-Methylnaphthalene	0.744	0.763		-2.6	
Hexachlorocyclopentadiene	0.265	0.229	0.050	13.4	0.0
2,4,6-Trichlorophenol	0.332	0.333		-0.2	
2,4,5-Trichlorophenol	0.359	0.360		-0.2	
2-Chloronaphthalene	1.141	1.158		-1.5	
2-Nitroaniline	0.542	0.554		-2.2	
Dimethylphthalate	1.403	1.453		-3.6	
Acenaphthylene	2.009	1.990		0.9	
3-Nitroaniline	0.417	0.443		-6.4	
Acenaphthene	1.189	1.182		0.6	
2,4-Dinitrophenol	0.179	0.185	0.050	-3.0	0.0

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All other compounds must meet a minimum RRF of 0.010.

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/28/04 Time: 12:48

Lab File ID: E8102.D Init. Calib. Date(s): 12/28/04 12/28/04

Init. Calib. Times: 8:49 11:45

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.226	0.229	0.050	-1.3	0.0
Dibenzofuran	1.616	1.653		-2.3	
2,6-Dinitrotoluene	0.369	0.380		-2.9	
2,4-Dinitrotoluene	0.511	0.525		-2.9	
Diethylphthalate	1.471	1.548		-5.2	
4-Chlorophenyl-phenylether	0.498	0.505		-1.3	
Fluorene	1.333	1.353		-1.5	
4-Nitroaniline	0.468	0.509		-8.9	
4,6-Dinitro-2-methylphenol	0.154	0.163		-5.8	
Carbazole	1.060	1.111		-4.8	
n-Nitrosodiphenylamine	0.694	0.717		-3.2	
1,2-Diphenylhydrazine	1.110	1.197		-7.8	
Azobenzene	1.110	1.197		-7.8	
4-Bromophenyl-phenylether	0.182	0.181		0.5	
Hexachlorobenzene	0.186	0.185		0.2	
Pentachlorophenol	0.104	0.108		-3.2	
Phenanthrene	1.113	1.129		-1.4	
Anthracene	1.062	1.083		-2.0	
Di-n-butylphthalate	1.730	1.776		-2.6	
Fluoranthene	1.130	1.135		-0.4	
Benzidine	1.296	1.250		3.5	
Pyrene	1.733	1.816		-4.8	
Butylbenzylphthalate	1.119	1.196		-6.8	
3,3'-Dichlorobenzidine	0.461	0.496		-7.7	
Benzo[a]anthracene	1.479	1.518		-2.6	
bis(2-Ethylhexyl)phthalate	1.028	1.013		1.5	
Chrysene	1.121	1.073		4.2	
Di-n-octylphthalate	3.593	3.624		-0.8	
Benzo[b]fluoranthene	2.221	2.169		2.4	
Benzo[k]fluoranthene	1.531	1.409		8.0	
Benzo[a]pyrene	1.796	1.795		0.1	
Indeno[1,2,3-cd]pyrene	1.761	1.816		-3.1	
Dibenz[a,h]anthracene	1.392	1.377		1.1	
Benzo[g,h,i]perylene	1.250	1.257		-0.5	
2-Fluorophenol	1.467	1.527		-4.1	
Phenol-d5	1.910	2.033		-6.5	
Nitrobenzene-d5	0.488	0.508		-4.2	
2-Fluorobiphenyl	1.202	1.205		-0.3	
2,4,6-Tribromophenol	0.120	0.118		1.2	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/28/04 Time: 12:48

Lab File ID: E8102.D Init. Calib. Date(s): 12/28/04 12/28/04

Init. Calib. Times: 8:49 11:45

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	1.120	1.172		-4.6	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

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7B

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/30/04 Time: 12:54

Lab File ID: E8127.D Init. Calib. Date(s): 12/30/04 12/30/04

Init. Calib. Times: 8:40 11:37

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Pyridine	1.294	1.427		-10.3	
N-Nitrosodimethylamine	1.339	1.435		-7.1	
Aniline	3.266	3.331		-2.0	
Phenol	2.337	2.597		-11.2	
bis(2-Chloroethyl)ether	1.718	1.931		-12.4	
2-Chlorophenol	1.529	1.609		-5.2	
1,3-Dichlorobenzene	1.505	1.601		-6.3	
1,4-Dichlorobenzene	1.467	1.556		-6.1	
Benzyl alcohol	1.479	1.490		-0.7	
1,2-Dichlorobenzene	1.333	1.441		-8.2	
2-Methylphenol	1.625	1.692		-4.2	
bis(2-chloroisopropyl)ether	2.645	2.840		-7.4	
3&4-Methylphenol	1.746	1.840		-5.4	
N-Nitroso-di-n-propylamine	1.367	1.453	0.050	-6.3	0.0
Hexachloroethane	0.707	0.758		-7.2	
Nitrobenzene	0.442	0.473		-6.9	
Isophorone	0.964	1.070		-11.0	
2-Nitrophenol	0.239	0.253		-5.7	
2,4-Dimethylphenol	0.411	0.428		-4.1	
Benzoic Acid	0.157	0.166		-6.0	
bis(2-Chloroethoxy)methane	0.607	0.640		-5.6	
2,4-Dichlorophenol	0.276	0.292		-5.8	
1,2,4-Trichlorobenzene	0.238	0.253		-6.1	
Naphthalene	1.038	1.112		-7.1	
4-Chloroaniline	0.526	0.558		-6.1	
Hexachlorobutadiene	0.085	0.093		-9.1	
4-Chloro-3-methylphenol	0.388	0.406		-4.6	
2-Methylnaphthalene	0.692	0.736		-6.3	
Hexachlorocyclopentadiene	0.174	0.161	0.050	7.9	0.0
2,4,6-Trichlorophenol	0.305	0.320		-5.0	
2,4,5-Trichlorophenol	0.319	0.336		-5.1	
2-Chloronaphthalene	1.144	1.200		-4.9	
2-Nitroaniline	0.573	0.593		-3.4	
Dimethylphthalate	1.203	1.298		-7.9	
Acenaphthylene	1.885	1.972		-4.6	
3-Nitroaniline	0.443	0.475		-7.2	
Acenaphthene	1.162	1.227		-5.6	
2,4-Dinitrophenol	0.170	0.180	0.050	-5.9	0.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/30/04 Time: 12:54

Lab File ID: E8127.D Init. Calib. Date(s): 12/30/04 12/30/04

Init. Calib. Times: 8:40 11:37

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
4-Nitrophenol	0.183	0.189	0.050	-3.6	0.0
Dibenzofuran	1.556	1.646		-5.8	
2,6-Dinitrotoluene	0.367	0.379		-3.3	
2,4-Dinitrotoluene	0.491	0.507		-3.2	
Diethylphthalate	1.155	1.335		-15.6	
4-Chlorophenyl-phenylether	0.368	0.456		-23.9	
Fluorene	1.115	1.227		-10.1	
4-Nitroaniline	0.499	0.533		-6.7	
4,6-Dinitro-2-methylphenol	0.121	0.160		-32.9	
Carbazole	1.150	1.186		-3.1	
n-Nitrosodiphenylamine	0.622	0.718		-15.5	
1,2-Diphenylhydrazine	1.212	1.375		-13.4	
Azobenzene	1.212	1.375		-13.4	
4-Bromophenyl-phenylether	0.141	0.152		-7.8	
Hexachlorobenzene	0.132	0.142		-6.9	
Pentachlorophenol	0.082	0.086		-5.3	
Phenanthrene	1.102	1.157		-5.0	
Anthracene	1.134	1.204		-6.2	
Di-n-butylphthalate	1.842	1.970		-7.0	
Fluoranthene	1.072	1.138		-6.2	
Benzidine	1.552	1.359		12.5	
Pyrene	1.948	1.924		1.3	
Butylbenzylphthalate	1.523	1.532		-0.6	
3,3'-Dichlorobenzidine	0.337	0.371		-10.2	
Benzo[a]anthracene	1.641	1.605		2.2	
bis(2-Ethylhexyl)phthalate	2.015	2.041		-1.3	
Chrysene	1.362	1.381		-1.4	
Di-n-octylphthalate	3.893	4.193		-7.7	
Benzo[b]fluoranthene	1.599	1.733		-8.4	
Benzo[k]fluoranthene	1.162	1.257		-8.2	
Benzo[a]pyrene	1.366	1.447		-5.9	
Indeno[1,2,3-cd]pyrene	1.365	1.463		-7.2	
Dibenz[a,h]anthracene	1.121	1.188		-6.0	
Benzo[g,h,i]perylene	1.135	1.185		-4.4	
2-Fluorophenol	1.765	1.850		-4.8	
Phenol-d5	2.369	2.514		-6.1	
Nitrobenzene-d5	0.474	0.506		-6.7	
2-Fluorobiphenyl	1.110	1.189		-7.1	
2,4,6-Tribromophenol	0.083	0.087		-4.5	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

281

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971BE Calibration Date: 12/30/04 Time: 12:54

Lab File ID: E8127.D Init. Calib. Date(s): 12/30/04 12/30/04

Init. Calib. Times: 8:40 11:37

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Terphenyl-d14	0.988	1.006		-1.8	

(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

282

2D

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	TOT OUT
01	SBLK56	63	69	80	0
02	300MS	60	66	67	0
03	300MSD	61	70	73	0
04	NS-1S	57	67	68	0
05	NS-6	55	68	76	0
06	NS-4S	67	83	80	0
07	NS-5	58	66	66	0
08	NS-7	55	67	63	0
09	NS-9	65	90	76	0
10	NS-10	71	82	86	0
11	NS-8	16 *	18 *	40	2
12	NS-2	66	66	70	0
13	NS-3	80	76	130	0
14	NS-2DL	66	70	64	0
15	NS-8DL	18 *	29 *	18	2
16	NS-4SDL	79	85	87	0

				QC LIMITS
S1	(NBZ)	=	Nitrobenzene-d5	(23-120)
S2	(FBP)	=	2-Fluorobiphenyl	(30-115)
S3	(TPH)	=	Terphenyl-d14	(18-137)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

283

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

	LAB SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	TOT OUT
01	SBLK57	84	91	88	29	43	77	0
02	0413149	81	85	86	33	46	101	0
03	0413153	86	89	87	29	42	94	0
04								
05								
06								
07								
08								
09								
10								
11								
12								
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24								
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29								
30								

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(35-114)
S2 (FBP) = 2-Fluorobiphenyl	(43-116)
S3 (TPH) = Terphenyl-d14	(33-141)
S4 (PHL) = Phenol-d5	(10- 94)
S5 (2FP) = 2-Fluorophenol	(21-100)
S6 (TBP) = 2,4,6-Tribromophenol	(10-123)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

284

2C

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (NBZ) #	S4 (FBP) #	S5 (TBP) #	S6 (TPH) #	TOT OUT
01	SBLK54MS	43	32	72	91	83	69	0
02	SBLK54MSD	42	32	74	106	89	70	0

QC LIMITS

S1	(2FP)	=	2-Fluorophenol	(21-100)
S2	(PHL)	=	Phenol-d5	(10-94)
S3	(NBZ)	=	Nitrobenzene-d5	(35-114)
S4	(FBP)	=	2-Fluorobiphenyl	(43-116)
S5	(TBP)	=	2,4,6-Tribromophenol	(10-123)
S6	(TPH)	=	Terphenyl-d14	(33-141)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

285

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8021.D Date Analyzed: 12/20/04

Instrument ID: HP5971E Time Analyzed: 13:46

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		172255	10.08	711673	13.31	426706	17.83
UPPER LIMIT		344510	10.58	1423346	13.81	853412	18.33
LOWER LIMIT		86128	9.58	355837	12.81	213353	17.33
EPA SAMPLE NO.							
01	SBLK56	149688	10.07	661522	13.28	372331	17.80

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

286

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8021.D Date Analyzed: 12/20/04

Instrument ID: HP5971E Time Analyzed: 13:46

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	677225	21.56	474143	28.34	418253	31.71
	UPPER LIMIT	1354450	21.06	948286	27.84	836506	31.21
	LOWER LIMIT	338613	22.06	237072	28.84	209127	32.21
	EPA SAMPLE NO.						
01	SBLK56	593678	21.53	451958	28.29	339845	31.68

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

287

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID (Standard): >F2749 Date Analyzed: 12/21/04

Instrument ID: HP5970B F Time Analyzed: 14:28

		IS1(DCB)			IS2(NPT)			IS3(ANT)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	38306		9.59		164903		12.79		100204		17.27	
	UPPER LIMIT	76612		10.09		329806		13.29		200408		17.77	
	LOWER LIMIT	19153		9.09		82452		12.29		50102		16.77	
	LAB SAMPLE NO.												
01	SBLK57	25576		9.57		109016		12.77		65236		17.23	
02													
03													
04													
05													
06													
07													
08													
09													
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18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID (Standard): >F2749 Date Analyzed: 12/21/04

Instrument ID: HP5970B F Time Analyzed: 14:28

		IS4(PHN)			IS5(CRY)			IS6(PRY)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	181138		20.98		128467		27.73		130994		31.09	
	UPPER LIMIT	362276		21.48		256934		28.23		261988		31.59	
	LOWER LIMIT	90569		20.48		64234		27.23		65497		30.59	
	LAB SAMPLE NO.												
01	SBLK57	119964		20.94		99204		27.68		91208		31.06	
02													
03													
04													
05													
06													
07													
08													
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20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

289

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 1 SAS No.: SDG No.:

Lab File ID (Standard): >F2775 Date Analyzed: 12/22/04

Instrument ID: HP5970B F Time Analyzed: 15:10

		IS1(DCB)			IS2(NPT)			IS3(ANT)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	40011		9.47		180273		12.67		105798		17.15	
	UPPER LIMIT	80022		9.97		360546		13.17		211596		17.65	
	LOWER LIMIT	20006		8.97		90137		12.17		52899		16.65	
	LAB SAMPLE NO.												
01	0413149	36304		9.47		146278		12.64		93617		17.13	
02	0413153	37851		9.47		157401		12.64		97057		17.13	
03													
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18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

290

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 1 SAS No.: SDG No.:

Lab File ID (Standard): >F2775 Date Analyzed: 12/22/04

Instrument ID: HP5970B F Time Analyzed: 15:10

		IS4(PHN)			IS5(CRY)			IS6(PRY)		
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	12 HOUR STD	185506		20.84		129469		27.59		136344		30.96	
	UPPER LIMIT	371012		21.34		258938		28.09		272688		31.46	
	LOWER LIMIT	92753		20.34		64735		27.09		68172		30.46	
	LAB SAMPLE NO.												
01	0413149	178128		20.84		147475		27.56		138548		30.95	
02	0413153	180453		20.84		137716		27.64		112912		31.06	
03													
04													
05													
06													
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16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

291

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8061.D Date Analyzed: 12/22/04

Instrument ID: HP5971E Time Analyzed: 16:14

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	233820	10.01	928902	13.24	505707	17.76
UPPER LIMIT	467640	10.51	1857804	13.74	1011414	18.26
LOWER LIMIT	116910	9.51	464451	12.74	252854	17.26
EPA SAMPLE NO.						
01 300MS	207947	10.02	901268	13.23	495664	17.73
02 300MSD	199579	10.03	888057	13.23	491488	17.74
03 NS-1S	216233	10.01	924429	13.21	461709	17.73
04 NS-6	220409	10.02	934706	13.22	460618	17.74
05 NS-4S	236069	10.02	976438	13.22	460798	17.74
06 NS-5	179840	10.01	747327	13.23	383172	17.75
07 NS-7	212750	10.02	886181	13.23	341197	17.75
08 NS-9	216936	10.01	929981	13.23	361867	17.75
09 NS-10	190809	10.02	764336	13.22	330982	17.74
10 NS-8	243227	10.01	960169	13.22	341328	17.80
11 NS-2	133953	10.02	586227	13.22	324944	17.74
12 NS-3	165058	10.03	636923	13.24	323258	17.76

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 6513 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): E8061.D Date Analyzed: 12/22/04

Instrument ID: HP5971E Time Analyzed: 16:14

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	780152	21.48	513151	28.26	442934	31.64
	UPPER LIMIT	1560304	20.98	1026302	27.76	885868	31.14
	LOWER LIMIT	390076	21.98	256576	28.76	221467	32.14
	EPA SAMPLE NO.						
01	300MS	706672	21.48	527317	28.24	466515	31.61
02	300MSD	712507	21.48	517513	28.23	466372	31.61
03	NS-1S	616491	21.47	403982	28.25	356406	31.63
04	NS-6	609209	21.47	393041	28.24	347546	31.62
05	NS-4S	577857	21.48	427313	28.36	279819	31.84
06	NS-5	523328	21.48	376949	28.30	294150	31.70
07	NS-7	484429	21.48	364402	28.27	272166	31.66
08	NS-9	472596	21.49	405346	28.30	289259	31.70
09	NS-10	467414	21.49	312420	28.27	218310 *	31.65
10	NS-8	513121	21.60	154425 *	28.54	73085 *	31.85
11	NS-2	479427	21.51	354317	28.37	130335 *	31.72
12	NS-3	477527	21.50	215973 *	28.29	63372 *	31.68

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): E8079.D Date Analyzed: 12/26/04

Instrument ID: HP5971BE Time Analyzed: 10:35

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	280555	10.00	1099720	13.21	613230	17.73
	UPPER LIMIT	561110	10.50	2199440	13.71	1226460	18.23
	LOWER LIMIT	140278	9.50	549860	12.71	306615	17.23
	EPA SAMPLE NO.						
01	SBLK54MS	244602	10.01	1076306	13.21	460673	17.72
02	SBLK54MSD	268383	10.01	1198568	13.22	438538	17.73

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

294

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): E8079.D Date Analyzed: 12/26/04

Instrument ID: HP5971BE Time Analyzed: 10:35

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	915450	21.46	503242	28.24	347472	31.62
	UPPER LIMIT	1830900	20.96	1006484	27.74	694944	31.12
	LOWER LIMIT	457725	21.96	251621	28.74	173736	32.12
	EPA SAMPLE NO.						
01	SBLK54MS	708716	21.47	675397	28.22	424836	31.59
02	SBLK54MSD	573097	21.47	641957	28.22	386396	31.59

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8102.D Date Analyzed: 12/28/04

Instrument ID: HP5971E Time Analyzed: 12:48

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	426294	9.95	1693293	13.16	968788	17.67
UPPER LIMIT	852588	10.45	3386586	13.66	1937576	18.17
LOWER LIMIT	213147	9.45	846647	12.66	484394	17.17
EPA SAMPLE NO.						
01 NS-2DL	328076	9.94	1446530	13.14	752246	17.66
02 NS-3DL	384764	9.95	1601826	13.15	642650	17.66
03 NS-8DL	408848	9.94	1728056	13.15	536045	17.66
04 NS-10DL	277455	9.94	1247311	13.14	474615 *	17.65

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8102.D Date Analyzed: 12/28/04

Instrument ID: HP5971E Time Analyzed: 12:48

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1500480	21.39	851383	28.17	542120	31.55
	UPPER LIMIT	3000960	20.89	1702766	27.67	1084240	31.05
	LOWER LIMIT	750240	21.89	425692	28.67	271060	32.05
	EPA SAMPLE NO.						
01	NS-2DL	828666	21.39	278073 *	28.17	135132 *	31.54
02	NS-3DL	553647 *	21.39	293120 *	28.16	126808 *	31.53
03	NS-8DL	451724 *	21.40	540210	28.30	218839 *	31.73
04	NS-10DL	563506 *	21.39	298049 *	28.16	147425 *	31.52

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8127.D Date Analyzed: 12/30/04

Instrument ID: HP5971E Time Analyzed: 12:54

	IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
12 HOUR STD	383091		9.90		1598694		13.10		822045		17.61	
UPPER LIMIT	766182		10.40		3197388		13.60		1644090		18.11	
LOWER LIMIT	191546		9.40		799347		12.60		411023		17.11	
EPA SAMPLE NO.												
01 NS-4SDL	577790		9.89		2451564		13.10		1253979		17.60	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

298

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID (Standard): E8127.D Date Analyzed: 12/30/04

Instrument ID: HP5971E Time Analyzed: 12:54

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1205507	21.33	703756	28.11	628246	31.47
	UPPER LIMIT	2411014	20.83	1407512	27.61	1256492	30.97
	LOWER LIMIT	602754	21.83	351878	28.61	314123	31.97
	EPA SAMPLE NO.						
01	NS-4SDL	1690353	21.33	860476	28.13	649172	31.56

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

299

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED IABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No SBLK54

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	100	0.0	100	100 *	36 - 97
N-Nitroso-di-n-propylamine	100	0.0	98	98	41 - 116
1,2,4-Trichlorobenzene	100	0.0	93	93	39 - 98
Acenaphthene	100	0.0	92	92	46 - 118
2,4-Dinitrotoluene	100	0.0	110	110 *	24 - 96
Pyrene	100	0.0	86	86	26 - 127
Phenol	200	0.0	76	38	12 - 110
2-Chlorophenol	200	0.0	190	95	27 - 123
4-Chloro-3-methylphenol	200	0.0	140	70	23 - 97
4-Nitrophenol	200	0.0	95	48	10 - 80
Pentachlorophenol	200	0.0	200	100	9 - 103

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	100	100	100 *	0	28	36 - 97
N-Nitroso-di-n-propylamine	100	100	100	2	38	41 - 116
1,2,4-Trichlorobenzene	100	100	100 *	7	28	39 - 98
Acenaphthene	100	100	100	8	31	46 - 118
2,4-Dinitrotoluene	100	120	120 *	9	38	24 - 96
Pyrene	100	91	91	6	31	26 - 127
Phenol	200	80	40	5	42	12 - 110
2-Chlorophenol	200	200	100	5	40	27 - 123
4-Chloro-3-methylphenol	200	160	80	13	42	23 - 97
4-Nitrophenol	200	110	55	14	50	10 - 80
Pentachlorophenol	200	270	135 *	30	50	9 - 103

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 6 out of 22 outside limits

COMMENTS:

301

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix Spike - EPA Sample No. 300 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,4-Dichlorobenzene	3300	0.0	2800	85	28 - 104
N-Nitroso-di-n-propylamine	3300	0.0	2600	79	41 - 126
1,2,4-Trichlorobenzene	3300	0.0	2900	88	38 - 107
Acenaphthene	3300	0.0	2600	79	31 - 137
2,4-Dinitrotoluene	3300	0.0	2600	79	28 - 89
Pyrene	3300	0.0	3100	94	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	3300	2900	88	3	27	28 - 104
N-Nitroso-di-n-propylamine	3300	2800	85	7	38	41 - 126
1,2,4-Trichlorobenzene	3300	2900	88	0	23	38 - 107
Acenaphthene	3300	2800	85	7	19	31 - 137
2,4-Dinitrotoluene	3300	2700	82	4	47	28 - 89
Pyrene	3300	3400	103	9	36	35 - 142

Column to be used to flag recovery and RPD values with an asteris

* Values outside of QC limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

COMMENTS:

300

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK56

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK56

Sample wt/vol: 30 (g/ml) G Lab File ID: E8026.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/20/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	bis(2-chloroisopropyl)ether	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	330	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	330	U
83-32-9	Acenaphthene	330	U
132-64-9	Dibenzofuran	330	U
606-20-2	2,6-Dinitrotoluene	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	330	U
86-30-6	n-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK56

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK56

Sample wt/vol: 30 (g/ml) G Lab File ID: E8026.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/20/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo[a]anthracene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
218-01-9	Chrysene	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	330	U
207-08-9	Benzo[k]fluoranthene	330	U
50-32-8	Benzo[a]pyrene	330	U
193-39-5	Indeno[1,2,3-cd]pyrene	330	U
53-70-3	Dibenz[a,h]anthracene	330	U
191-24-2	Benzo[g,h,i]perylene	330	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SBLK56

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK56

Sample wt/vol: 30 (g/ml) G Lab File ID: E8026.D

Level: (low/med) LOW Date Received:

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/20/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/20/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000123-42-2	2-Pentanone, 4-hydroxy-4-methy	6.28	6600	JN

304

ACCREDITED LABORATORIES, INC.
BNA ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Aqueous
SAMPLE NUMBER	SBLK57	DILUTION FACTOR	1.0
DATA FILE	>F2751	DATE EXTRACTED	12/21/04
CLIENT NAME		DATE ANALYZED	12/21/04
FIELD ID		ANALYZED BY	JOSE

CAS #	COMPOUND	UG/L	MDL	CAS #	COMPOUND	UG/L	MDL
83329	Acenaphthene	U	10	51285	2,4-Dinitrophenol	U	10
208968	Acenaphthylene	U	10	121142	2,4-Dinitrotoluene	U	10
120127	Anthracene	U	10	606202	2,6-Dinitrotoluene	U	10
56553	Benzo(a)Anthracene	U	10	117840	Di-n-octyl phthalate	U	10
50328	Benzo(a)Pyrene	U	10	206440	Fluoranthene	U	10
205992	Benzo(b)fluoranthene	U	10	86737	Fluorene	U	10
191242	Benzo(g,h,i)Perylene	U	10	118741	Hexachlorobenzene	U	10
207089	Benzo(k)Fluoranthene	U	10	87683	Hexachlorobutadiene	U	10
65850	Benzoic Acid	U	50	77474	Hexachlorocyclopentadiene	U	10
100516	Benzyl Alcohol	U	10	67721	Hexachloroethane	U	10
111444	bis(-2-Chloroethyl)Ether	U	10	193395	Indeno(1,2,3-cd)Pyrene	U	10
108601	bis(2-Chloroisopropyl)ether	U	10	78591	Isophorone	U	10
117817	Bis(2-Ethylhexyl)Phthalate	U	10	91576	2-Methylnaphthalene	U	10
111911	bis(-2-Chloroethoxy)Methane	U	10	95487	2-Methylphenol	U	10
101553	4-Bromophenyl-phenylether	U	10	108394	3&4-Methylphenol	U	10
85687	Butylbenzylphthalate	U	10	91203	Naphthalene	U	10
106478	4-Chloroaniline	U	10	88744	2-Nitroaniline	U	10
91587	2-Chloronaphthalene	U	10	99092	3-Nitroaniline	U	10
59507	4-Chloro-3-methylphenol	U	10	100016	4-Nitroaniline	U	10
95578	2-Chlorophenol	U	10	98953	Nitrobenzene	U	10
7005723	4-Chlorophenyl-phenylether	U	10	88755	2-Nitrophenol	U	10
218019	Chrysene	U	10	100027	4-Nitrophenol	U	10
53703	Dibenzo(a,h)Anthracene	U	10	62759	N-Nitrosodimethylamine	U	10
132649	Dibenzofuran	U	10	86306	N-Nitrosodiphenylamine	U	10
95501	1,2-Dichlorobenzene	U	10	621647	N-Nitroso-Di-n-propylamine	U	10
541731	1,3-Dichlorobenzene	U	10	87865	Pentachlorophenol	U	10
106467	1,4-Dichlorobenzene	U	10	85018	Phenanthrene	U	10
91941	3,3'-Dichlorobenzidine	U	10	108952	Phenol	U	10
120832	2,4-Dichlorophenol	U	10	129000	Pyrene	U	10
84662	Diethylphthalate	U	10	120821	1,2,4-Trichlorobenzene	U	10
105679	2,4-Dimethylphenol	U	10	95954	2,4,5-Trichlorophenol	U	10
131113	Dimethyl Phthalate	U	10	88062	2,4,6-Trichlorophenol	U	10
84742	Di-n-Butylphthalate	U	10	92875	Benzidine	U	10
534521	4,6-Dinitro-2-methylphenol	U	10	122667	1,2-Diphenylhydrazine	U	10

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	84 %	35-114	OK
2-Fluorobiphenyl	91 %	43-116	OK
Terphenyl-d14	88 %	33-141	OK
Phenol-d5	29 %	10- 94	OK
2-Fluorophenol	43 %	21-100	OK
2,4,6-Tribromophenol	77 %	10-123	OK

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: SBLK57

Client Name: Field ID:

Case No.: Date Extracted: 12/21/04

Lab File ID: >F2751 Date Analyzed: 12/21/04

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	5.72	47	
2.	629505	Tridecane	15.88	5	
3.	62108218	Decane, 6-ethyl-2-methyl-	18.49	6	
4.		Unknown hydrocarbon	19.67	5	

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK56

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 6513 SAS No.: SDG No.:

Lab File ID: E8026.D Lab Sample ID: SBLK56

Instrument ID: HP5971E Date Extracted: 12/20/04

Matrix: (soil/water) SOIL Date Analyzed: 12/20/04

Level: (low/med) LOW Time Analyzed: 17:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	300MS	0413127MS	E8062.D	12/22/04
02	300MSD	0413127MSD	E8063.D	12/22/04
03	NS-1S	0413148	E8067.D	12/22/04
04	NS-6	0413155	E8068.D	12/22/04
05	NS-4S	0413152	E8069.D	12/22/04
06	NS-5	0413154	E8070.D	12/22/04
07	NS-7	0413156	E8071.D	12/22/04
08	NS-9	0413158	E8072.D	12/23/04
09	NS-10	0413159	E8073.D	12/23/04
10	NS-8	0413157	E8074.D	12/23/04
11	NS-2	0413150	E8075.D	12/23/04
12	NS-3	0413151	E8076.D	12/23/04
13	NS-2DL	0413150DL	E8105.D	12/28/04
14	NS-8DL	0413157DL	E8108.D	12/28/04
15	NS-4SDL	0413152DL	E8130.D	12/30/04

COMMENTS:

307

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK57

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 1 SAS No.: SDG No.:

Lab File ID: >F2751 Lab Sample ID: SBLK57

Instrument ID: HP5970B F Date Extracted: 12/21/04

Matrix: (soil/water) WATER Date Analyzed: 12/21/04

Level: (low/med) LOW Time Analyzed: 16:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01		0413149	>F2787	12/23/04
02		0413153	>F2788	12/23/04
03				
04				
05				
06				
07				
08				
09				
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17				
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24				
25				
26				
27				
28				
29				
30				

COMMENTS:

308

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK54

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID: E8004.D Lab Sample ID: SBLK54

Instrument ID: HP5971BE Date Extracted: 12/16/04

Matrix: (soil/water) WATER Date Analyzed: 12/16/04

Level: (low/med) LOW Time Analyzed: 16:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK54MS	SBLK54MS	E8089.D	12/26/04
02	SBLK54MSD	SBLK54MSD	E8090.D	12/26/04

COMMENTS:

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Initial Calibration Data
HSL Compounds

ase No: Instrument ID: GC/ECD #1

Contractor: ACCREDITED LABS INC. Calibration Date: 10/18/04

ontract No: CAPST1

Minimum RF for SPCC is 5000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >A2064 RF .0200	>A2063 RF .100	>A2062 RF .200	>A2061 RF .400	>A2060 RF .800	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	278000.	263440.	262760.	251860.	241999.	4.883	259612.	5.214	.999718			
2)	A-BHC	427550.	427830.	449315.	467658.	485961.	5.950	451663.	5.631	.999772			
3)	B-BHC	182700.	208400.	208875.	202877.	199149.	6.897	200400.	5.333	.999881			
4)	G-BHC (Lindane)	458400.	434950.	432800.	444460.	450851.	6.947	444292.	2.417	.999936			
5)	D-BHC	408800.	391600.	411640.	418820.	448771.	7.847	415926.	5.026	.999401			
6)	Heptachlor	386400.	398630.	400835.	402398.	412358.	9.250	400124.	2.324	.999927			
7)	Aldrin	405150.	385750.	392635.	397417.	412179.	10.467	398626.	2.599	.999812			
8)	Heptachlor Epoxide	468100.	418710.	408400.	402900.	396089.	12.033	418840.	6.865	.999976			
9)	G-Chlordane	382350.	358070.	372275.	367117.	375890.	12.980	371140.	2.471	.999917			
0)	Endosulfan I	368800.	347040.	350400.	350638.	354359.	13.433	354247.	2.410	.999980			
1)	A-Chlordane	387550.	368480.	376640.	372338.	379460.	13.577	376893.	1.930	.999948			
12)	Dieldrin	374375.	359195.	365277.	370360.	377582.	14.477	369358.	1.979	.999938			(Conc=.0400,
13)	4,4'-DDE	407975.	375080.	382677.	369380.	374766.	14.593	381976.	4.002	.999938			(Conc=.0400,
4)	Endrin	344775.	337320.	347298.	353160.	361867.	15.333	348884.	2.642	.999912			(Conc=.0400,
15)	Endosulfan II	340375.	334520.	341798.	334109.	340132.	15.783	338187.	1.063	.999947			(Conc=.0400,
16)	4,4'-DDD	266175.	251355.	258177.	259979.	265114.	16.337	260160.	2.292	.999940			(Conc=.0400,
7)	Endrin Aldehyde	296775.	283475.	281717.	270579.	268074.	16.583	280124.	4.099	.999942			(Conc=.0400,
8)	Endosulfan Sulfate	337175.	297760.	296038.	292100.	296807.	17.560	303976.	6.146	.999948			(Conc=.0400,
19)	4,4'-DDT	250275.	264075.	235757.	243105.	253889.	17.830	249420.	4.309	.999541			(Conc=.0400,
20)	Endrin Ketone	361575.	355000.	359860.	354189.	356799.	19.410	357485.	.883	.999986			(Conc=.0400,
1)	Methoxychlor	146075.	149407.	150022.	133937.	137491.	20.343	143386.	5.072	.999488			(Conc=.200,1
2)	Toxaphene Peak 1	3847.00	3787.90	4079.96	4354.70	4531.39	18.467	4120.19	7.778	.999653			(Conc=1.00,1
23)	Toxaphene Peak 2	5800.00	5676.80	6895.00	7264.26	7545.06	18.953	6636.22	12.846	.999669			(Conc=1.00,1
24)	Toxaphene Peak 3	5519.00	7221.70	8170.52	8710.32	8923.61	19.300	7709.03	18.026	.999808			(Conc=1.00,1
5)	DCB	426825.	345055.	350182.	298909.	290818.	27.167	342358.	15.829	.999043			(Conc=.0400,

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

RSD - Percent Relative Standard Deviation

RRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #7

Contractor: ACCREDITED LABS INC. Calibration Date: 12/29/04

Contract No: CAPST7

Minimum $\overline{RF}$ for SPCC is 5000 Maximum % RSD for CCC is 20%

Comp No.	Compound	Laboratory ID: >G4433 RF .0200	>G4432 RF .100	>G4431 RF .200	>G4430 RF .400	>G4429 RF .800	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	411550.	325750.	329875.	303517.	276285.	9.810	329395.	15.370	.998514			
2)	A-BHC	491600.	455120.	458240.	437638.	436152.	11.260	455750.	4.911	.999941			
3)	B-BHC	165000.	215360.	192920.	190218.	177770.	12.260	188253.	9.977	.999135			
4)	G-BHC (Lindane)	421900.	488690.	421475.	417563.	403911.	12.027	430708.	7.714	.999650			
5)	D-BHC	423050.	429590.	420155.	423038.	410599.	12.660	421286.	1.639	.999880			
6)	Heptachlor	409150.	383270.	379595.	374140.	372530.	13.093	383737.	3.867	.999996			
7)	Aldrin	424450.	391920.	394640.	391040.	375742.	13.747	395558.	4.490	.999783			
8)	Heptachlor Epoxide	357400.	405040.	370035.	367040.	343530.	15.050	368609.	6.196	.999307			
9)	G-Chlordane	436550.	383020.	377915.	368198.	348230.	15.300	382782.	8.587	.999592			
10)	Endosulfan I	799550.	725830.	702035.	681470.	648442.	15.743	711465.	7.990	.999675			
11)	A-Chlordane	372200.	360150.	364595.	360838.	345199.	15.573	360596.	2.731	.999708			
12)	Dieldrin	415500.	380520.	373323.	366304.	351044.	16.333	377338.	6.349	.999769			(Conc=.0400,
13)	4,4'-DDE	399775.	362915.	351017.	340735.	324221.	15.743	355733.	7.990	.999675			(Conc=.0400,
14)	Endrin	373775.	368675.	317195.	311514.	302177.	16.793	334667.	10.114	.999743			(Conc=.0400,
15)	Endosulfan II	375975.	323635.	320675.	313455.	298209.	17.243	326390.	9.012	.999688			(Conc=.0400,
16)	4,4'-DDD	311000.	268120.	261515.	275276.	257247.	16.937	274632.	7.809	.999338			(Conc=.0400,
17)	Endrin Aldehyde	355800.	277160.	289157.	249530.	233142.	18.073	280958.	16.843	.998488			(Conc=.0400,
18)	Endosulfan Sulfate	325775.	268480.	260975.	257795.	246421.	18.950	271889.	11.457	.999791			(Conc=.0400,
19)	4,4'-DDT	345275.	343480.	286955.	279602.	273657.	17.477	305794.	11.623	.999675			(Conc=.0400,
20)	Endrin Ketone	420800.	367360.	377270.	372402.	325684.	19.560	372703.	9.073	.997197			(Conc=.0400,
21)	Methoxychlor	160280.	148048.	141038.	138623.	133109.	18.417	144219.	7.252	.999803			(Conc=.200,1
22)	Toxaphene Peak 1	6044.00	5395.40	5050.24	4699.72	4398.04	16.833	5117.48	12.483	.999129			(Conc=1.00,1
23)	Toxaphene Peak 2	5543.00	5347.90	5153.12	5214.54	4829.46	18.517	5217.60	5.050	.999176			(Conc=1.00,1
24)	Toxaphene Peak 3	5775.00	5356.50	5541.44	4782.20	4720.04	18.700	5235.04	8.911	.999079			(Conc=1.00,1
25)	DCB	469150.	409520.	381080.	365400.	350261.	22.277	395082.	11.859	.999768			

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

ıe No: Instrument ID: GC/ECD #1

ontractor: ACCREDITED LABS INC. Calibration Date: 10/19/04

ıtract No: CA1PCB

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 20%

Comp	Laboratory ID:	>A2079	>A2078	>A2077	>A2076	>A2075						
		RF	RF	RF	RF	RF						
).	Compound	1.00	10.00	25.00	50.00	100.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC
1)	Tetrachloro-m-xylene	247440.	258462.	240351.	222926.	209878.	4.867	235811.	8.232	.999630		(Conc=.200,.
2)	Aroclor-1016 Peak 1	6201.00	5707.90	5116.80	4690.40	4327.95	7.823	5208.81	14.516	.998663		
3)	Aroclor-1016 Peak 2	18968.0	16863.1	15048.0	13944.7	13115.3	8.780	15587.8	15.098	.999200		
4)	Aroclor-1016 Peak 3	7680.00	7112.80	6400.64	5932.48	5526.60	9.117	6530.50	13.355	.998987		
5)	Aroclor-1260 Peak 1	28615.0	26581.6	23568.1	22072.6	21251.3	16.860	24417.7	12.713	.999591		
6)	Aroclor-1260 Peak 2	23711.0	25073.7	22867.7	21622.2	20876.5	17.967	22830.2	7.292	.999655		
7)	Aroclor-1260 Peak 3	37223.0	40131.0	37797.8	36990.9	36451.5	20.767	37718.8	3.797	.999934		
8)	DCB	329195.	323644.	305657.	325023.	257704.	27.140	308245.	9.622	.994457		(Conc=.200,.

F - Response Factor (Subscript is amount in ug/L)

$\overline{RT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

RSD - Percent Relative Standard Deviation

r^2RRn - Coefficient of Correlation (nth degree)

CC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: GC/ECD #7

Contractor: ACCREDITED LABS INC. Calibration Date: 12/16/04

Contract No: CA7PCB

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % RSD for CCC is 20%

Laboratory ID: >G4300 >G4299 >G4298 >G4297 >G4296

Comp No.	Compound	RF 1.00	RF 10.00	RF 25.00	RF 50.00	RF 100.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CORR1	CCC	SPCC	
1)	Tetrachloro-m-xylene	311225.	332080.	292033.	261546.	236384.	9.787	286654.	13.345	.998971			(Conc=.200,.
2)	Aroclor-1016 Peak 1	10960.0	10361.0	9379.24	8557.88	7760.09	11.623	9403.64	13.820	.998084			
3)	Aroclor-1016 Peak 2	26279.0	23500.4	20970.6	19196.3	17375.9	12.687	21464.5	16.377	.998101			
4)	Aroclor-1016 Peak 3	11007.0	9648.70	8482.20	7703.82	7138.51	12.980	8796.04	17.662	.998705			
5)	Aroclor-1260 Peak 1	27653.0	24428.3	21380.9	20519.8	20011.2	16.863	22798.6	14.076	.999807			
6)	Aroclor-1260 Peak 2	32868.0	26504.1	23940.2	22122.7	20922.4	17.413	25271.5	18.752	.999329			
7)	Aroclor-1260 Peak 3	37923.0	33960.4	30987.3	28962.7	27327.7	18.720	31832.2	13.223	.999321			
8)	DCB	376525.	358236.	335108.	341531.	299025.	22.257	342085.	8.460	.998544			(Conc=.200,.

RF - Response Factor (Subscript is amount in ug/L)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CORRn - Coefficient of Correlation (nth degree)

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/21/04

Contractor: ACCREDITED LABS INC. Time: 15:30

Contract No: CAPST1 Laboratory ID: >A3140

Instrument ID: GC/ECD #1 Initial Calibration Date: 10/18/04

Minimum RF for SPCC is 5000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	259612.	257200.	.93			
A-BHC	451663.	450755.	.20			
B-BHC	200400.	189375.	5.50			
G-BHC (Lindane)	444292.	422635.	4.87			
D-BHC	415926.	374755.	9.90			
Heptachlor	400124.	378890.	5.31			
Aldrin	398626.	418565.	5.00			
Heptachlor Epoxide	418840.	395435.	5.59			
G-Chlordane	371140.	417635.	12.53			
Endosulfan I	354247.	359515.	1.49			
A-Chlordane	376893.	395360.	4.90			
Dieldrin	369358.	348800.	5.57			(Conc=.400)
4,4'-DDE	381976.	410720.	7.53			(Conc=.400)
Endrin	348884.	359552.	3.06			(Conc=.400)
Endosulfan II	338187.	349730.	3.41			(Conc=.400)
4,4'-DDD	260160.	258440.	.66			(Conc=.400)
Endrin Aldehyde	280124.	270220.	3.54			(Conc=.400)
Endosulfan Sulfate	303976.	263898.	13.18			(Conc=.400)
4,4'-DDT	249420.	229577.	7.96			(Conc=.400)
Endrin Ketone	357485.	311900.	12.75			(Conc=.400)
Methoxychlor	143386.	123139.	14.12			(Conc=2.00)
Toxaphene Peak 1	4120.19	3511.00	14.79			(Conc=25.00)
Toxaphene Peak 2	6636.22	5942.04	10.46			(Conc=25.00)
Toxaphene Peak 3	7709.03	7829.72	1.57			(Conc=25.00)
DCB	342358.	378473.	10.55			(Conc=.400)

RF - Response Factor from daily standard file at .200 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/21/04

Contractor: ACCREDITED LABS INC. Time: 14:17

Contract No: CA1PCB Laboratory ID: >A3138

Instrument ID: GC/ECD #1 Initial Calibration Date: 10/19/04

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Tetrachloro-m-xylene	235811.	226048.	4.14		(Conc=1.00)
Aroclor-1016 Peak 1	5208.81	5423.64	4.12		
Aroclor-1016 Peak 2	15587.8	14174.7	9.07		
Aroclor-1016 Peak 3	6530.50	6089.56	6.75		
Aroclor-1260 Peak 1	24417.7	22463.4	8.00		
Aroclor-1260 Peak 2	22830.2	20427.6	10.52		
Aroclor-1260 Peak 3	37718.8	33898.7	10.13		
DCB	308245.	294312.	4.52		(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 12/30/04

Contractor: ACCREDITED LABS INC. Time: 12:18

Contract No: CA7PCB Laboratory ID: >G4440

Instrument ID: GC/ECD #7 Initial Calibration Date: 12/16/04

Minimum $\overline{RF}$ for SPCC is 10000 Maximum % Diff for CCC is 15%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Tetrachloro-m-xylene	286654.	291792.	1.79			(Conc=1.00)
Aroclor-1016 Peak 1	9403.64	7827.24	16.76			
Aroclor-1016 Peak 2	21464.5	17414.7	18.87			
Aroclor-1016 Peak 3	8796.04	6952.28	20.96			
Aroclor-1260 Peak 1	22798.6	23527.0	3.19			
Aroclor-1260 Peak 2	25271.5	25384.3	.45			
Aroclor-1260 Peak 3	31832.2	32682.0	2.67			
DCB	342085.	369596.	8.04			(Conc=1.00)

RF - Response Factor from daily standard file at 25.00 ug/L

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

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ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-A GC #1 Primary Column
Date Analyzed: 10/18/04

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
A-BHC	5.95	5.95	5.95	5.95	5.95	5.95
B-BHC	6.88	6.90	6.90	6.90	6.90	6.90
G-BHC (Lindane)	6.93	6.95	6.95	6.95	6.95	6.95
D-BHC	7.83	7.85	7.85	7.85	7.85	7.85
Heptachlor	9.25	9.25	9.25	9.25	9.25	9.25
Aldrin	10.47	10.47	10.47	10.47	10.47	10.47
Heptachlor Epoxide	12.03	12.03	12.03	12.03	12.03	12.03
G-Chlordane	12.97	12.98	12.98	12.98	12.98	12.98
Endosulfan I	13.43	13.43	13.43	13.43	13.43	13.43
A-Chlordane	13.57	13.57	13.58	13.58	13.58	13.58
Dieldrin	14.47	14.47	14.48	14.48	14.48	14.48
4,4'-DDE	14.58	14.58	14.60	14.60	14.60	14.59
Endrin	15.33	15.33	15.33	15.33	15.33	15.33
Endosulfan II	15.78	15.78	15.78	15.78	15.78	15.78
4,4'-DDD	16.33	16.33	16.33	16.35	16.33	16.34
Endrin Aldehyde	16.58	16.58	16.58	16.58	16.58	16.58
Endosulfan Sulfate	17.55	17.55	17.57	17.57	17.57	17.56
4,4'-DDT	17.82	17.83	17.83	17.83	17.83	17.83
Endrin Ketone	19.40	19.40	19.42	19.42	19.42	19.41
Methoxychlor	20.33	20.33	20.35	20.35	20.35	20.34
Toxaphene Peak 1	18.48	18.47	18.47	18.45	18.47	18.47
Toxaphene Peak 2	18.95	18.95	18.95	18.95	18.97	18.95
Toxaphene Peak 3	19.30	19.30	19.30	19.30	19.30	19.30

ANALYTE	RT WINDOW	FROM	TO
A-BHC	± .050	5.90	6.00
B-BHC	± .050	6.85	6.95
G-BHC (Lindane)	± .050	6.90	7.00
D-BHC	± .050	7.80	7.90
Heptachlor	± .050	9.20	9.30
Aldrin	± .050	10.42	10.52
Heptachlor Epoxide	± .070	11.96	12.10
G-Chlordane	± .070	12.91	13.05
Endosulfan I	± .070	13.36	13.50
A-Chlordane	± .070	13.51	13.65
Dieldrin	± .070	14.41	14.55
4,4'-DDE	± .070	14.52	14.66
Endrin	± .070	15.26	15.40
Endosulfan II	± .070	15.71	15.85
4,4'-DDD	± .070	16.27	16.41
Endrin Aldehyde	± .070	16.51	16.65
Endosulfan Sulfate	± .070	17.49	17.63
4,4'-DDT	± .070	17.76	17.90
Endrin Ketone	± .070	19.34	19.48
Methoxychlor	± .070	20.27	20.41
Toxaphene Peak 1	± .070	18.40	18.54
Toxaphene Peak 2	± .070	18.88	19.02
Toxaphene Peak 3	± .070	19.23	19.37

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-B GC #2 Confirmation Column
Dates Analyzed: 10/18/04 to 10/19/04

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
A-BHC	7.18	7.18	7.18	7.18	7.18	7.18
G-BHC (Lindane)	8.59	8.59	8.59	8.59	8.59	8.59
Heptachlor	9.21	9.21	9.21	9.21	9.21	9.21
Aldrin	10.12	10.12	10.13	10.13	10.13	10.13
B-BHC	11.87	11.87	11.88	11.88	11.88	11.88
D-BHC	12.56	12.57	12.58	12.57	12.57	12.57
Heptachlor Epoxide	12.90	12.91	12.92	12.91	12.91	12.91
Endosulfan I	13.90	13.90	13.90	13.90	13.91	13.90
G-Chlordane	14.29	14.29	14.31	14.30	14.30	14.30
A-Chlordane	14.55	14.55	14.56	14.56	14.56	14.56
4,4'-DDE	15.11	15.11	15.12	15.12	15.12	15.12
Dieldrin	15.37	15.37	15.37	15.37	15.37	15.37
Endrin	16.18	16.18	16.17	16.18	16.18	16.18
Endosulfan II	18.31	18.31	18.33	18.32	18.32	18.32
4,4'-DDD	18.44	18.44	18.43	18.44	18.44	18.44
4,4'-DDT	19.02	19.02	19.02	19.02	19.02	19.02
Endrin Aldehyde	20.06	20.06	20.07	20.07	20.07	20.07
Endosulfan Sulfate	21.42	21.42	21.43	21.43	21.43	21.43
Methoxychlor	21.80	21.80	21.80	21.80	21.80	21.80
Endrin Ketone	22.81	22.81	22.83	22.82	22.82	22.82
Toxaphene Peak 1	18.82	18.82	18.82	18.82	18.82	18.82
Toxaphene Peak 2	19.90	19.90	19.91	19.90	19.91	19.90
Toxaphene Peak 3	21.07	21.06	21.06	21.06	21.06	21.06

ANALYTE	RT WINDOW	FROM	TO
A-BHC	± .050	7.13	7.23
G-BHC (Lindane)	± .050	8.54	8.64
Heptachlor	± .050	9.16	9.26
Aldrin	± .050	10.08	10.18
B-BHC	± .050	11.83	11.93
D-BHC	± .050	12.52	12.62
Heptachlor Epoxide	± .070	12.84	12.98
Endosulfan I	± .070	13.83	13.97
G-Chlordane	± .070	14.23	14.37
A-Chlordane	± .070	14.49	14.63
4,4'-DDE	± .070	15.05	15.19
Dieldrin	± .070	15.30	15.44
Endrin	± .070	16.11	16.25
Endosulfan II	± .070	18.25	18.39
4,4'-DDD	± .070	18.37	18.51
4,4'-DDT	± .070	18.95	19.09
Endrin Aldehyde	± .070	20.00	20.14
Endosulfan Sulfate	± .070	21.36	21.50
Methoxychlor	± .070	21.73	21.87
Endrin Ketone	± .070	22.75	22.89
Toxaphene Peak 1	± .070	18.75	18.89
Toxaphene Peak 2	± .070	19.83	19.97
Toxaphene Peak 3	± .070	20.99	21.13

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-G GC #7 Primary Column
Dates Analyzed: 12/29/04 to 12/30/04

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
A-BHC	11.25	11.25	11.27	11.28	11.25	11.26
B-BHC	12.25	12.25	12.27	12.28	12.25	12.26
G-BHC (Lindane)	12.02	12.02	12.03	12.05	12.02	12.03
D-BHC	12.65	12.65	12.67	12.68	12.65	12.66
Heptachlor	13.08	13.08	13.10	13.12	13.08	13.09
Aldrin	13.75	13.73	13.75	13.77	13.73	13.75
Heptachlor Epoxide	15.05	15.05	15.05	15.07	15.03	15.05
G-Chlordane	15.30	15.30	15.30	15.32	15.28	15.30
Endosulfan I	15.73	15.73	15.75	15.77	15.73	15.74
A-Chlordane	15.57	15.57	15.58	15.58	15.57	15.57
Dieldrin	16.33	16.33	16.33	16.35	16.32	16.33
4,4'-DDE	15.73	15.73	15.75	15.77	15.73	15.74
Endrin	16.78	16.78	16.80	16.82	16.78	16.79
Endosulfan II	17.23	17.23	17.25	17.27	17.23	17.24
4,4'-DDD	16.93	16.93	16.93	16.95	16.93	16.94
Endrin Aldehyde	18.07	18.07	18.08	18.08	18.07	18.07
Endosulfan Sulfate	18.95	18.95	18.95	18.97	18.93	18.95
4,4'-DDT	17.47	17.47	17.48	17.50	17.47	17.48
Endrin Ketone	19.55	19.55	19.57	19.58	19.55	19.56
Methoxychlor	18.42	18.42	18.42	18.43	18.40	18.42
Toxaphene Peak 1	16.83	16.83	16.83	16.83	16.83	16.83
Toxaphene Peak 2	18.52	18.52	18.52	18.52	18.52	18.52
Toxaphene Peak 3	18.70	18.70	18.70	18.70	18.70	18.70

ANALYTE	RT WINDOW	FROM	TO
A-BHC	± .050	11.21	11.31
B-BHC	± .050	12.21	12.31
G-BHC (Lindane)	± .050	11.98	12.08
D-BHC	± .050	12.61	12.71
Heptachlor	± .050	13.04	13.14
Aldrin	± .050	13.70	13.80
Heptachlor Epoxide	± .070	14.98	15.12
G-Chlordane	± .070	15.23	15.37
Endosulfan I	± .070	15.67	15.81
A-Chlordane	± .070	15.50	15.64
Dieldrin	± .070	16.26	16.40
4,4'-DDE	± .070	15.67	15.81
Endrin	± .070	16.72	16.86
Endosulfan II	± .070	17.17	17.31
4,4'-DDD	± .070	16.87	17.01
Endrin Aldehyde	± .070	18.00	18.14
Endosulfan Sulfate	± .070	18.88	19.02
4,4'-DDT	± .070	17.41	17.55
Endrin Ketone	± .070	19.49	19.63
Methoxychlor	± .070	18.35	18.49
Toxaphene Peak 1	± .070	16.76	16.90
Toxaphene Peak 2	± .070	18.45	18.59
Toxaphene Peak 3	± .070	18.63	18.77

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-H GC #8 Confirmation Column
Dates Analyzed: 12/29/04 to 12/30/04

ANALYTE	RETENTION TIMES 1/40 Mix A/B	1/8 Mix A/B	1/4 Mix A/B	1/2 Mix A/B	High Mix A/B	Average
A-BHC	11.38	11.38	11.38	11.40	11.41	11.39
G-BHC (Lindane)	12.24	12.24	12.24	12.25	12.26	12.25
Heptachlor	13.23	13.23	13.23	13.24	13.25	13.24
Aldrin	13.93	13.93	13.93	13.94	13.95	13.94
B-BHC	12.45	12.45	12.45	12.46	12.47	12.46
D-BHC	13.11	13.11	13.11	13.12	13.13	13.12
Heptachlor Epoxide	15.14	15.14	15.14	15.16	15.17	15.15
Endosulfan I	15.93	15.94	15.94	15.95	15.96	15.94
G-Chlordane	15.53	15.53	15.53	15.54	15.55	15.54
A-Chlordane	15.82	15.83	15.83	15.84	15.85	15.83
4,4'-DDE	16.17	16.18	16.17	16.19	16.20	16.18
Dieldrin	16.48	16.49	16.49	16.50	16.51	16.49
Endrin	17.08	17.09	17.09	17.10	17.11	17.10
Endosulfan II	17.50	17.51	17.51	17.52	17.53	17.51
4,4'-DDD	17.31	17.31	17.31	17.32	17.33	17.32
4,4'-DDT	17.92	17.92	17.92	17.93	17.94	17.93
Endrin Aldehyde	18.16	18.17	18.16	18.18	18.19	18.17
Endosulfan Sulfate	18.71	18.71	18.71	18.72	18.74	18.72
Methoxychlor	19.34	19.34	19.34	19.35	19.36	19.35
Endrin Ketone	19.93	19.93	19.93	19.95	19.96	19.94
Toxaphene Peak 1	16.45	16.45	16.45	16.45	16.45	16.45
Toxaphene Peak 2	18.17	18.18	18.18	18.18	18.18	18.18
Toxaphene Peak 3	19.23	19.23	19.24	19.24	19.23	19.23

ANALYTE	RT WINDOW	FROM	TO
A-BHC	± .050	11.34	11.44
G-BHC (Lindane)	± .050	12.20	12.30
Heptachlor	± .050	13.19	13.29
Aldrin	± .050	13.89	13.99
B-BHC	± .050	12.41	12.51
D-BHC	± .050	13.07	13.17
Heptachlor Epoxide	± .070	15.08	15.22
Endosulfan I	± .070	15.87	16.01
G-Chlordane	± .070	15.47	15.61
A-Chlordane	± .070	15.76	15.90
4,4'-DDE	± .070	16.11	16.25
Dieldrin	± .070	16.42	16.56
Endrin	± .070	17.03	17.17
Endosulfan II	± .070	17.44	17.58
4,4'-DDD	± .070	17.25	17.39
4,4'-DDT	± .070	17.86	18.00
Endrin Aldehyde	± .070	18.10	18.24
Endosulfan Sulfate	± .070	18.65	18.79
Methoxychlor	± .070	19.28	19.42
Endrin Ketone	± .070	19.87	20.01
Toxaphene Peak 1	± .070	16.38	16.52
Toxaphene Peak 2	± .070	18.11	18.25
Toxaphene Peak 3	± .070	19.16	19.30

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-A GC #1 Primary Column
Date Analyzed: 10/19/04

	RETENTION TIMES					
NALYTE	0.10 ug/L	1.0 ug/L	2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
roclor-1016 Peak 1	7.82	7.82	7.82	7.83	7.83	7.82
roclor-1016 Peak 2	8.77	8.78	8.78	8.78	8.78	8.78
roclor-1016 Peak 3	9.12	9.12	9.12	9.12	9.12	9.12
roclor-1260 Peak 1	16.85	16.85	16.87	16.87	16.87	16.86
roclor-1260 Peak 2	17.97	17.97	17.97	17.97	17.97	17.97
roclor-1260 Peak 3	20.77	20.77	20.77	20.77	20.77	20.77

NALYTE	RT WINDOW	FROM	TO
roclor-1016 Peak 1	± .070	7.75	7.89
roclor-1016 Peak 2	± .070	8.71	8.85
roclor-1016 Peak 3	± .070	9.05	9.19
roclor-1260 Peak 1	± .070	16.79	16.93
roclor-1260 Peak 2	± .070	17.90	18.04
roclor-1260 Peak 3	± .070	20.70	20.84

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-B GC #2 Confirmation Column
Date Analyzed: 10/19/04

ANALYTE	0.10 ug/L	1.0 ug/L	RETENTION TIMES 2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
Aroclor-1016 Peak 1	7.38	7.39	7.39	7.39	7.39	7.39
Aroclor-1016 Peak 2	8.99	9.00	9.00	9.00	8.99	9.00
Aroclor-1016 Peak 3	9.48	9.48	9.48	9.48	9.48	9.48
Aroclor-1260 Peak 1	17.00	17.00	17.01	17.01	17.01	17.00
Aroclor-1260 Peak 2	21.06	21.07	21.07	21.07	21.03	21.06
Aroclor-1260 Peak 3	22.49	22.49	22.50	22.49	22.49	22.49

ANALYTE	RT WINDOW	FROM	TO
Aroclor-1016 Peak 1	± .070	7.32	7.46
Aroclor-1016 Peak 2	± .070	8.93	9.07
Aroclor-1016 Peak 3	± .070	9.41	9.55
Aroclor-1260 Peak 1	± .070	16.93	17.07
Aroclor-1260 Peak 2	± .070	20.99	21.13
Aroclor-1260 Peak 3	± .070	22.42	22.56

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-G GC #7 Primary Column
Date Analyzed: 12/16/04

ANALYTE	RETENTION TIMES 0.10 ug/L	1.0 ug/L	2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
Aroclor-1016 Peak 1	11.60	11.62	11.62	11.63	11.65	11.62
Aroclor-1016 Peak 2	12.67	12.67	12.68	12.70	12.72	12.69
Aroclor-1016 Peak 3	12.97	12.97	12.97	12.98	13.02	12.98
Aroclor-1260 Peak 1	16.85	16.85	16.85	16.87	16.90	16.86
Aroclor-1260 Peak 2	17.40	17.40	17.40	17.42	17.45	17.41
Aroclor-1260 Peak 3	18.70	18.70	18.72	18.73	18.75	18.72

ANALYTE	RT WINDOW	FROM	TO
Aroclor-1016 Peak 1	± .070	11.55	11.69
Aroclor-1016 Peak 2	± .070	12.62	12.76
Aroclor-1016 Peak 3	± .070	12.91	13.05
Aroclor-1260 Peak 1	± .070	16.79	16.93
Aroclor-1260 Peak 2	± .070	17.34	17.48
Aroclor-1260 Peak 3	± .070	18.65	18.79

ACCREDITED LABORATORIES, INC.
RETENTION TIME WINDOW

Instrument ID: HP5890-H GC #8 Confirmation Column
Date Analyzed: 12/16/04

ANALYTE	RETENTION TIMES 0.10 ug/L	1.0 ug/L	2.5 ug/L	5.0 ug/L	10.0 ug/L	Average
Aroclor-1016 Peak 1	11.99	11.99	12.00	12.00	12.02	12.00
Aroclor-1016 Peak 2	13.01	13.01	13.01	13.01	13.03	13.01
Aroclor-1016 Peak 3	13.30	13.30	13.30	13.30	13.32	13.30
Aroclor-1260 Peak 1	17.21	17.21	17.21	17.22	17.23	17.22
Aroclor-1260 Peak 2	17.53	17.53	17.53	17.53	17.55	17.53
Aroclor-1260 Peak 3	19.20	19.20	19.20	19.21	19.22	19.21

ANALYTE	RT WINDOW	FROM	TO
Aroclor-1016 Peak 1	± .070	11.93	12.07
Aroclor-1016 Peak 2	± .070	12.94	13.08
Aroclor-1016 Peak 3	± .070	13.23	13.37
Aroclor-1260 Peak 1	± .070	17.15	17.29
Aroclor-1260 Peak 2	± .070	17.46	17.60
Aroclor-1260 Peak 3	± .070	19.14	19.28

ACCREDITED LABORATORIES, INC.
PESTICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-A Primary Column

Date Analyzed: 12/21/04

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
A-BHC	5.97	5.92	6.02
B-BHC	6.95	6.90	7.00
G-BHC (Lindane)	6.95	6.90	7.00
D-BHC	7.90	7.85	7.95
Heptachlor	9.25	9.20	9.30
Aldrin	10.47	10.42	10.52
Heptachlor Epoxide	12.03	11.96	12.10
G-Chlordane	12.98	12.91	13.05
Endosulfan I	13.43	13.36	13.50
A-Chlordane	13.57	13.50	13.64
Dieldrin	14.47	14.40	14.54
4,4'-DDE	14.60	14.53	14.67
Endrin	15.33	15.26	15.40
Endosulfan II	15.80	15.73	15.87
4,4'-DDD	16.35	16.28	16.42
Endrin Aldehyde	16.58	16.51	16.65
Endosulfan Sulfate	17.57	17.50	17.64
4,4'-DDT	17.83	17.76	17.90
Endrin Ketone	19.42	19.35	19.49
Methoxychlor	20.33	20.26	20.40
Toxaphene Peak 1	18.47	18.40	18.54
Toxaphene Peak 2	18.97	18.90	19.04
Toxaphene Peak 3	19.30	19.23	19.37

ACCREDITED LABORATORIES, INC.
PESTICIDE RETENTION TIME WINDOW

Instrument ID: HP5890-B Confirmation Column

Date Analyzed: 12/21/04

COMPOUND NAME	RT OF STD	WINDOW FROM	TO
A-BHC	7.30	7.25	7.35
G-BHC (Lindane)	8.72	8.67	8.77
Heptachlor	9.35	9.30	9.40
Aldrin	10.28	10.23	10.33
B-BHC	12.02	11.97	12.07
D-BHC	12.72	12.67	12.77
Heptachlor Epoxide	13.06	12.99	13.13
Endosulfan I	14.07	14.00	14.14
G-Chlordane	14.46	14.39	14.53
A-Chlordane	14.71	14.64	14.78
4,4'-DDE	15.28	15.21	15.35
Dieldrin	15.53	15.46	15.60
Endrin	16.34	16.27	16.41
Endosulfan II	18.49	18.42	18.56
4,4'-DDD	18.60	18.53	18.67
4,4'-DDT	19.19	19.12	19.26
Endrin Aldehyde	20.23	20.16	20.30
Endosulfan Sulfate	21.58	21.51	21.65
Methoxychlor	21.96	21.89	22.03
Endrin Ketone	22.99	22.92	23.06
Toxaphene Peak 1	19.01	18.94	19.08
Toxaphene Peak 2	20.09	20.02	20.16
Toxaphene Peak 3	21.26	21.19	21.33

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-A

Date Analyzed: 12/21/04

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	7.87	7.80	7.94
Aroclor-1016 Peak 2	8.82	8.75	8.89
Aroclor-1016 Peak 3	9.17	9.10	9.24
Aroclor-1221 Peak 1	5.50	5.43	5.57
Aroclor-1221 Peak 2	5.78	5.71	5.85
Aroclor-1221 Peak 3	5.95	5.88	6.02
Aroclor-1232 Peak 1	5.95	5.88	6.02
Aroclor-1232 Peak 2	9.17	9.10	9.24
Aroclor-1232 Peak 3	11.30	11.23	11.37
Aroclor-1242 Peak 1	7.87	7.80	7.94
Aroclor-1242 Peak 2	8.82	8.75	8.89
Aroclor-1242 Peak 3	9.17	9.10	9.24
Aroclor-1248 Peak 1	8.82	8.75	8.89
Aroclor-1248 Peak 2	10.83	10.76	10.90
Aroclor-1248 Peak 3	11.30	11.23	11.37
Aroclor-1254 Peak 1	15.87	15.80	15.94
Aroclor-1254 Peak 2	16.90	16.83	16.97
Aroclor-1254 Peak 3	18.00	17.93	18.07
Aroclor-1260 Peak 1	16.90	16.83	16.97
Aroclor-1260 Peak 2	18.00	17.93	18.07
Aroclor-1260 Peak 3	20.80	20.73	20.87

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-B

Date Analyzed: 12/21/04

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	7.53	7.46	7.60
Aroclor-1016 Peak 2	9.16	9.09	9.23
Aroclor-1016 Peak 3	9.65	9.58	9.72
Aroclor-1221 Peak 1	5.55	5.48	5.62
Aroclor-1221 Peak 2	6.03	5.96	6.10
Aroclor-1221 Peak 3	6.21	6.14	6.28
Aroclor-1232 Peak 1	6.21	6.14	6.28
Aroclor-1232 Peak 2	9.65	9.58	9.72
Aroclor-1232 Peak 3	10.03	9.96	10.10
Aroclor-1242 Peak 1	7.53	7.46	7.60
Aroclor-1242 Peak 2	9.16	9.09	9.23
Aroclor-1242 Peak 3	10.03	9.96	10.10
Aroclor-1248 Peak 1	9.16	9.09	9.23
Aroclor-1248 Peak 2	11.43	11.36	11.50
Aroclor-1248 Peak 3	11.80	11.73	11.87
Aroclor-1254 Peak 1	16.24	16.17	16.31
Aroclor-1254 Peak 2	17.20	17.13	17.27
Aroclor-1254 Peak 3	18.58	18.51	18.65
Aroclor-1260 Peak 1	17.20	17.13	17.27
Aroclor-1260 Peak 2	21.26	21.19	21.33
Aroclor-1260 Peak 3	22.69	22.62	22.76

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-G

Date Analyzed: 12/30/04

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	11.62	11.55	11.69
Aroclor-1016 Peak 2	12.68	12.61	12.75
Aroclor-1016 Peak 3	12.97	12.90	13.04
Aroclor-1221 Peak 1	10.28	10.21	10.35
Aroclor-1221 Peak 2	10.67	10.60	10.74
Aroclor-1221 Peak 3	10.77	10.70	10.84
Aroclor-1232 Peak 1	10.77	10.70	10.84
Aroclor-1232 Peak 2	11.62	11.55	11.69
Aroclor-1232 Peak 3	12.68	12.61	12.75
Aroclor-1242 Peak 1	11.62	11.55	11.69
Aroclor-1242 Peak 2	12.68	12.61	12.75
Aroclor-1242 Peak 3	12.97	12.90	13.04
Aroclor-1248 Peak 1	12.68	12.61	12.75
Aroclor-1248 Peak 2	12.97	12.90	13.04
Aroclor-1248 Peak 3	13.85	13.78	13.92
Aroclor-1254 Peak 1	15.15	15.08	15.22
Aroclor-1254 Peak 2	16.85	16.78	16.92
Aroclor-1254 Peak 3	17.40	17.33	17.47
Aroclor-1260 Peak 1	16.85	16.78	16.92
Aroclor-1260 Peak 2	17.40	17.33	17.47
Aroclor-1260 Peak 3	18.72	18.65	18.79

ACCREDITED LABORATORIES, INC.
RT WINDOW FOR MULTICOMPONENT ANALYTES

Instrument ID: HP5890-H

Date Analyzed: 12/30/04

COMPOUND NAME	RT OF STD	WINDOW FROM	WINDOW TO
Aroclor-1016 Peak 1	12.00	11.93	12.07
Aroclor-1016 Peak 2	13.02	12.95	13.09
Aroclor-1016 Peak 3	13.31	13.24	13.38
Aroclor-1221 Peak 1	10.56	10.49	10.63
Aroclor-1221 Peak 2	10.91	10.84	10.98
Aroclor-1221 Peak 3	11.05	10.98	11.12
Aroclor-1232 Peak 1	10.56	10.49	10.63
Aroclor-1232 Peak 2	11.05	10.98	11.12
Aroclor-1232 Peak 3	13.02	12.95	13.09
Aroclor-1242 Peak 1	12.00	11.93	12.07
Aroclor-1242 Peak 2	13.02	12.95	13.09
Aroclor-1242 Peak 3	13.53	13.46	13.60
Aroclor-1248 Peak 1	13.02	12.95	13.09
Aroclor-1248 Peak 2	13.31	13.24	13.38
Aroclor-1248 Peak 3	14.29	14.22	14.36
Aroclor-1254 Peak 1	15.52	15.45	15.59
Aroclor-1254 Peak 2	17.54	17.47	17.61
Aroclor-1254 Peak 3	17.92	17.85	17.99
Aroclor-1260 Peak 1	17.22	17.15	17.29
Aroclor-1260 Peak 2	17.54	17.47	17.61
Aroclor-1260 Peak 3	19.21	19.14	19.28

ACCREDITED LABORATORIES, INC.
PESTICIDE SURROGATE RECOVERY

Case Number : 6513 Client Name : RTPEA

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-A

	LAB FILE ID	LAB SAMPLE ID	TCX %REC #	DCB %REC #	TOT OUT
01	>A3148	PBLK29	88	84	0
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PESTICIDE SURROGATE RECOVERY

Case Number : 6513 Client Name : RTPEA

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

	LAB FILE ID	LAB SAMPLE ID	TCX %REC #	DCB %REC #	TOT OUT
01	>G4441	0413149	75	63	0
02	>G4442	0413153	87	63	0
03					
04					
05					
06					
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26					
27					
28					
29					
30					

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(30-150)
DCB = Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

ACCREDITED LABORATORIES, INC.
PESTICIDE ANALYTICAL SEQUENCE

Case Number : 6513 Client Name : RTPEA

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-A

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 4.90 DCB: 27.15

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>A3148	PBLK29	12/21/04	20:21	4.88	27.13
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS
TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
PESTICIDE ANALYTICAL SEQUENCE

Case Number : 6513 Client Name : RTPEA

GC Column : RTX-5 Column ID : 0.53mm

Instrument ID : HP5890-G

THE ANALYTICAL SEQUENCE FOR BLANKS AND SAMPLES IS GIVEN BELOW:

SURROGATE RT FROM CHECK STANDARD
TCX: 9.82 DCB: 22.28

	LAB FILE ID.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	>G4441	0413149	12/30/04	12:48	9.80	22.27
02	>G4442	0413153	12/30/04	13:19	9.80	22.27
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS
TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
PESTICIDE DDT / ENDRIN BREAKDOWN SUMMARY

Lab Sample :	DDT/ENDRIN	Date Analyzed :	12/21/04
Data File :	>A3139	Time Analyzed :	14:53
GC Column :	RTX-5	Column ID :	0.53mm
Instrument ID :	HP5890-A		

4,4'-DDT % breakdown : 9.1

Endrin % breakdown : 4.2

Combined % breakdown : 13.3

ACCREDITED LABORATORIES, INC.
PESTICIDE DDT / ENDRIN BREAKDOWN SUMMARY

Lab Sample :	DDT/ENDRIN	Date Analyzed :	12/30/04
Data File :	>G4439	Time Analyzed :	11:47
GC Column :	RTX-CLPe	Column ID :	0.53mm
Instrument ID :	HP5890-G		

4,4'-DDT % breakdown : 2.3

Endrin % breakdown : 6.2

Combined % breakdown : 8.5

ACCREDITED LABORATORIES, INC.
WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Sample No.: PBLK23

Sample Data File: >A3091

Date Extracted: 12/14/04

MS Data file: >A3092

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC
G-BHC (Lindane)	.250	0.00	.205	82	56-123
Heptachlor	.250	0.00	.184	74	40-131
Aldrin	.250	0.00	.199	80	40-120
Dieldrin	.500	0.00	.466	93	52-126
Endrin	.500	0.00	.453	91	56-121
4,4'-DDT	.500	0.00	.326	65	38-127

MSD Data File: >A3093

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC
G-BHC (Lindane)	.250	.207	83	1	15	56-123
Heptachlor	.250	.184	74	0	20	40-131
Aldrin	.250	.200	80	1	22	40-120
Dieldrin	.500	.476	95	2	18	52-126
Endrin	.500	.466	93	3	21	56-121
4,4'-DDT	.500	.344	69	5	27	38-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

ACCREDITED LABORATORIES, INC.
WATER PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Sample Number: PBLK23

Sample Data File: >A3091

Date Extracted: 12/14/04

MS Data File: >A3094

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC ** LIMITS REC
Aroclor-1260	10.0	0.000	9.98	100	40-140

MSD Data File: >A3095

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS ** RPD	QC LIMITS ** REC
Aroclor-1260	10.0	10.7	107	7	25	40-140

Column used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 1 outside limits
Spike Recovery: 0 out of 2 outside limits

** Values were generated within ALI for advisory purposes only

COMMENTS: _____

ACCREDITED LABORATORIES, INC

PESTICIDE/PCB ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Aqueous
SAMPLE NUMBER	PBLK29	DILUTION FACTOR	1
DATA FILE	>A3148	DATE EXTRACTED	12/20/04
CLIENT NAME		DATE ANALYZED	12/21/04
FIELD ID		ANALYZED BY	JERRY

CAS#	COMPOUND	UG/L	MDL
319846	A-BHC	U	.020
319857	B-BHC	U	.020
58899	G-BHC (Lindane)	U	.020
319868	D-BHC	U	.020
76448	Heptachlor	U	.020
309002	Aldrin	U	.020
1024573	Heptachlor Epoxide	U	.020
959988	Endosulfan I	U	.020
5103719	A-Chlordane	U	.020
5103742	G-Chlordane	U	.020
60571	Dieldrin	U	.040
72559	4,4'-DDE	U	.040
72208	Endrin	U	.040
33213659	Endosulfan II	U	.040
72548	4,4'-DDD	U	.040
7421934	Endrin Aldehyde	U	.040
1031078	Endosulfan Sulfate	U	.040
50293	4,4'-DDT	U	.040
53494705	Endrin Ketone	U	.040
72435	Methoxychlor	U	.200
8001352	Toxaphene	U	1.00
12674112	Aroclor-1016	U	.500
11104282	Aroclor-1221	U	.500
11141165	Aroclor-1232	U	.500
53469219	Aroclor-1242	U	.500
12672296	Aroclor-1248	U	.500
11097691	Aroclor-1254	U	.500
11096825	Aroclor-1260	U	.500

B - Indicates compound found in associated blank.

J - Indicates compound concentration found below MDL.

U - Indicates compound analyzed for but not detected.

E - Indicates result exceeds highest calibration standard.

D - Indicates result is based on a dilution.

ACCREDITED LABORATORIES, INC.
INITIAL CALIBRATION

Initial Calibration Source: PE/LEEMAN

Concentration Units: µg/L

Analyte	Initial Calibration True	Found	% Rec	Date	Method
Antimony	7500.0	7588.00	101.2	12/17/04	P
Arsenic	7500.0	7288.00	97.2	12/17/04	P
Beryllium	7500.0	7462.00	99.5	12/17/04	P
Cadmium	7500.0	7385.00	98.5	12/17/04	P
Chromium	7500.0	7551.00	100.7	12/17/04	P
Copper	7500.0	7505.00	100.1	12/17/04	P
Lead	7500.0	7428.00	99.0	12/17/04	P
Mercury	4.0	3.95	98.8	12/20/04	CV
Nickel	7500.0	7406.00	98.7	12/17/04	P
Selenium	7500.0	7327.00	97.7	12/17/04	P
Silver	750.0	713.00	95.1	12/17/04	P
Thallium	7500.0	7173.00	95.6	12/17/04	P
Zinc	7500.0	7384.00	98.5	12/17/04	P

Control Limits:

Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION VERIFICATION

Initial Calibration Source: PE/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: µg/L

Analyte	Continuing Calibration(s) True	Found 1	% Rec	Date 1	Found 2	% Rec	Date 2	M
Antimony	5000.0	4894.00	97.9	12/17/04	4886.00	97.7	12/17/04	P
Arsenic	5000.0	4941.00	98.8	12/17/04	4916.00	98.3	12/17/04	P
Beryllium	5000.0	4995.00	99.9	12/17/04	4962.00	99.2	12/17/04	P
Cadmium	5000.0	4936.00	98.7	12/17/04	4900.00	98.0	12/17/04	P
Chromium	5000.0	4890.00	97.8	12/17/04	4850.00	97.0	12/17/04	P
Copper	5000.0	5043.00	100.9	12/17/04	5037.00	100.7	12/17/04	P
Lead	5000.0	4822.00	96.4	12/17/04	4790.00	95.8	12/17/04	P
Mercury	5.0	5.27	105.4	12/20/04	5.24	104.8	12/20/04	CV
Nickel	5000.0	4887.00	97.7	12/17/04	4861.00	97.2	12/17/04	P
Selenium	5000.0	4928.00	98.6	12/17/04	4936.00	98.7	12/17/04	P
Silver	500.0	494.00	98.8	12/17/04	492.00	98.4	12/17/04	P
Thallium	5000.0	4882.00	97.6	12/17/04	4856.00	97.1	12/17/04	P
Zinc	5000.0	4884.00	97.7	12/17/04	4819.00	96.4	12/17/04	P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
INITIAL CALIBRATION & PREPARATORY BLANKS

Preparation Blank Matrix: Soil

	Initial Calibration Blank (µg/L)		Preparation Blank (mg/kg)		
Analyte	Result	Date	Result	Date	Method
Antimony	< 20.0	12/17/04	< 2.0	12/17/04	P
Arsenic	< 20.0	12/17/04	< 2.0	12/17/04	P
Beryllium	< 5.0	12/17/04	< .5	12/17/04	P
Cadmium	< 5.0	12/17/04	< .5	12/17/04	P
Chromium	< 10.0	12/17/04	< 1.0	12/17/04	P
Copper	< 10.0	12/17/04	< 1.0	12/17/04	P
Lead	< 50.0	12/17/04	< 5.0	12/17/04	P
Mercury	< .2	12/20/04	< .0	12/20/04	CV
Nickel	< 10.0	12/17/04	< 1.0	12/17/04	P
Selenium	< 20.0	12/17/04	< 2.0	12/17/04	P
Silver	< 5.0	12/17/04	< .5	12/17/04	P
Thallium	< 20.0	12/17/04	< 2.0	12/17/04	P
Zinc	< 100.0	12/17/04	< 10.0	12/17/04	P

ALI FORM III (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
INITIAL CALIBRATION & PREPARATORY BLANKS

Preparation Blank Matrix: Water

	Initial Calibration Blank (µg/L)		Preparation Blank (µg/L)		
Analyte	Result	Date	Result	Date	Method
Antimony	< 10.0	12/17/04	< 10.0	12/17/04	P
Arsenic	< 8.0	12/17/04	< 8.0	12/17/04	P
Beryllium	< 5.0	12/17/04	< 5.0	12/17/04	P
Cadmium	< 4.0	12/17/04	< 4.0	12/17/04	P
Chromium	< 10.0	12/17/04	< 10.0	12/17/04	P
Copper	< 10.0	12/17/04	< 10.0	12/17/04	P
Lead	< 10.0	12/17/04	< 10.0	12/17/04	P
Mercury	< .5	12/20/04	< .5	12/20/04	CV
Nickel	< 10.0	12/17/04	< 10.0	12/17/04	P
Selenium	< 10.0	12/17/04	< 10.0	12/17/04	P
Silver	< 5.0	12/17/04	< 5.0	12/17/04	P
Thallium	< 10.0	12/17/04	< 10.0	12/17/04	P
Zinc	< 100.0	12/17/04	< 100.0	12/17/04	P

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION BLANKS

Concentration Units: µg/L

Analyte	Continuing Calibration Blank(s) Result 1	Date 1	Result 2	Date 2	Result 3	Date 3	Method
Antimony	< 20.0	12/17/04	< 20.0	12/17/04			P
Arsenic	< 20.0	12/17/04	< 20.0	12/17/04			P
Beryllium	< 5.0	12/17/04	< 5.0	12/17/04			P
Cadmium	< 5.0	12/17/04	< 5.0	12/17/04			P
Chromium	< 10.0	12/17/04	< 10.0	12/17/04			P
Copper	< 10.0	12/17/04	< 10.0	12/17/04			P
Lead	< 50.0	12/17/04	< 50.0	12/17/04			P
Mercury	< .2	12/20/04	< .2	12/20/04			CV
Nickel	< 10.0	12/17/04	< 10.0	12/17/04			P
Selenium	< 20.0	12/17/04	< 20.0	12/17/04			P
Silver	< 5.0	12/17/04	< 5.0	12/17/04			P
Thallium	< 20.0	12/17/04	< 20.0	12/17/04			P
Zinc	< 100.0	12/17/04	< 100.0	12/17/04			P

ALI FORM III (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION BLANKS

Concentration Units: µg/L

Analyte	Continuing Calibration Blank(s) Result 1	Date 1	Result 2	Date 2	Result 3	Date 3	Method
Antimony	< 10.0	12/17/04	< 10.0	12/17/04			P
Arsenic	< 8.0	12/17/04	< 8.0	12/17/04			P
Beryllium	< 5.0	12/17/04	< 5.0	12/17/04			P
Cadmium	< 4.0	12/17/04	< 4.0	12/17/04			P
Chromium	< 10.0	12/17/04	< 10.0	12/17/04			P
Copper	< 10.0	12/17/04	< 10.0	12/17/04			P
Lead	< 10.0	12/17/04	< 10.0	12/17/04			P
Mercury	< .5	12/20/04	< .5	12/20/04	< .5	12/20/04	CV
Nickel	< 10.0	12/17/04	< 10.0	12/17/04			P
Selenium	< 10.0	12/17/04	< 10.0	12/17/04			P
Silver	< 5.0	12/17/04	< 5.0	12/17/04			P
Thallium	< 10.0	12/17/04	< 10.0	12/17/04			P
Zinc	< 100.0	12/17/04	< 100.0	12/17/04			P

ALI FORM III (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
ICP INTERFERENCE CHECK SAMPLE

ICP ID Number: TJA-61E ICS Source: SPEX-3-129AS

Concentration Units: µg/L

Analyte	True		Initial Found			Final Found		
	Sol A	Sol AB	Sol A	Sol AB	% Rec	Sol A	Sol AB	% Rec
Antimony	0.	500.	1.	495.0	99.0	0.	496.0	99.2
Arsenic	0.	500.	0.	494.0	98.8	-1.	495.0	99.0
Beryllium	0.	250.	0.	248.0	99.2	0.	246.0	98.4
Cadmium	0.	250.	0.	237.0	94.8	-1.	236.0	94.4
Chromium	0.	250.	-1.	234.0	93.6	-1.	230.0	92.0
Copper	0.	250.	0.	274.0	109.6	0.	274.0	109.6
Lead	0.	500.	-2.	477.0	95.4	-2.	476.0	95.2
Mercury								
Nickel	0.	250.	1.	238.0	95.2	1.	237.0	94.8
Selenium	0.	500.	0.	496.0	99.2	-3.	499.0	99.8
Silver	0.	250.	0.	222.0	88.8	0.	221.0	88.4
Thallium	0.	500.	4.	495.0	99.0	3.	494.0	98.8
Zinc	0.	500.	3.	447.0	89.4	2.	440.0	88.0

ALI FORM IV - INORGANICS

ACCREDITED LABORATORIES, INC.
SPIKE SAMPLE RECOVERY

Sample #: 0413050 Matrix: Soil

Concentration Units: mg/kg

Analyte	Spike Added	Sample Result	Spiked Sample Result	% Recovery	Q	QC Limits %Rec	Date Analyzed	M
Antimony	30.86	ND	29.0	94.0	_	75-125	12/16/04	P
Arsenic	123.46	2.83	121	95.7	_	75-125	12/16/04	P
Beryllium	3.09	ND	3.09	100.1	_	75-125	12/16/04	P
Cadmium	3.09	ND	2.86	92.7	_	75-125	12/16/04	P
Chromium	12.35	12.6	23.1	85.0	_	75-125	12/16/04	P
Copper	15.43	22.3	36.3	90.7	_	75-125	12/16/04	P
Lead	30.86	55.4	80.5	81.3	_	75-125	12/16/04	P
Mercury	2.00	ND	1.93	96.5	_	75-125	12/16/04	CV
Nickel	30.86	11.2	39.6	92.0	_	75-125	12/16/04	P
Selenium	123.46	ND	106	85.9	_	75-125	12/16/04	P
Silver	3.09	ND	2.93	94.9	_	75-125	12/16/04	P
Thallium	123.46	ND	112	90.7	_	75-125	12/16/04	P
Zinc	30.86	58.0	83.7	83.3	_	75-125	12/16/04	P

Comments:

ND - Element analyzed for but not detected.
P - Analyzed by ICP CV - Analyzed by cold vapor
F - Analyzed by GFA A - Analyzed by flame AA

ALI FORM V (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
SPIKE SAMPLE RECOVERY

Sample #: 0413110 Matrix: Aqueous

Concentration Units: µg/l

Analyte	Spike Added	Sample Result	Spiked Sample Result	% Recovery	Q	QC Limits %Rec	Date Analyzed	M
Antimony	.50	ND	.470	94.0		75-125	12/16/04	P
Arsenic	2.00	ND	1.92	96.0		75-125	12/16/04	P
Beryllium	.05	ND	.047	94.0		75-125	12/16/04	P
Cadmium	.05	ND	.047	94.2		75-125	12/16/04	P
Chromium	.20	ND	.179	89.5		75-125	12/16/04	P
Copper	.25	.017	.250	93.2		75-125	12/16/04	P
Lead	.50	ND	.445	89.0		75-125	12/16/04	P
Mercury	2.00	ND	2.08	104.0		75-125	12/16/04	CV
Nickel	.50	ND	.471	94.2		75-125	12/16/04	P
Selenium	2.00	ND	1.70	85.0		75-125	12/16/04	P
Silver	.05	ND	.046	91.2		75-125	12/16/04	P
Thallium	2.00	ND	1.84	92.0		75-125	12/16/04	P
Zinc	.50	ND	.511	102.2		75-125	12/16/04	P

Comments:
ND - Element analyzed for but not detected.
P - Analyzed by ICP CV - Analyzed by cold vapor
F - Analyzed by GFA A - Analyzed by flame AA

ALI FORM V (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
DUPLICATES

Sample #: 0413050 Matrix: Soil

% Solids: 90.5

Concentration Units (µG/L, MG/L or MG/KG dry weight): MG/KG

Analyte	Control Limit	Sample Result	Duplicate Result	RPD	Q	Date Analyzed	M
Antimony		ND	ND			12/16/04	P
Arsenic	1.36	3.12	3.11	.3		12/16/04	P
Beryllium		ND	ND			12/16/04	P
Cadmium		ND	ND			12/16/04	P
Chromium		13.9	13.9			12/16/04	P
Copper		24.7	24.7			12/16/04	P
Lead		61.3	61.5	.3		12/16/04	P
Mercury		ND	ND			12/16/04	CV
Nickel		12.4	12.5	.8		12/16/04	P
Selenium		ND	ND			12/16/04	P
Silver		ND	ND			12/16/04	P
Thallium		ND	ND			12/16/04	P
Zinc		64.1	65.3	1.9		12/16/04	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM VI - INORGANICS

ACCREDITED LABORATORIES, INC.
DUPLICATES

Sample #: 0413110 Matrix: Aqueous

Concentration Units (µG/L, MG/L or MG/KG dry weight): MG/L

Analyte	Control Limit	Sample Result	Duplicate Result	RPD	Q	Date Analyzed	M
Antimony		ND	ND			12/16/04	P
Arsenic		ND	ND			12/16/04	P
Beryllium		ND	ND			12/16/04	P
Cadmium		ND	ND			12/16/04	P
Chromium		ND	ND			12/16/04	P
Copper	.010	.017	.016	3.0		12/16/04	P
Lead		ND	ND			12/16/04	P
Mercury		ND	ND			12/16/04	CV
Nickel		ND	ND			12/16/04	P
Selenium		ND	ND			12/16/04	P
Silver		ND	ND			12/16/04	P
Thallium		ND	ND			12/16/04	P
Zinc		ND	ND			12/16/04	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM VI - INORGANICS

ACCREDITED LABORATORIES, INC.
LABORATORY CONTROL SAMPLE

Solid LCS Source: ALI

Aqueous LCS Source: ALI

Analyte	Aqueous (µg/L)					Solid (mg/kg)				
	True	Found	%Rec	Q	M	True	Found	%Rec	Q	M
Antimony						50.0	51.0	102.0		P
Arsenic						200.0	215.0	107.5		P
Beryllium						5.0	5.0	100.0		P
Cadmium						5.0	5.0	100.0		P
Chromium						20.0	20.0	100.0		P
Copper						25.0	24.0	96.0		P
Lead						50.0	49.0	98.0		P
Mercury						2.0	2.1	105.0		CV
Nickel						50.0	51.0	102.0		P
Selenium						200.0	206.0	103.0		P
Silver						5.0	5.0	100.0		P
Thallium						200.0	197.0	98.5		P
Zinc						50.0	52.0	104.0		P

ALI FORM VII - INORGANICS

ACCREDITED LABORATORIES, INC.
LABORATORY CONTROL SAMPLE

Solid LCS Source: ALI

Aqueous LCS Source: ALI

	Aqueous (µg/L)					Solid (mg/kg)				
Analyte	True	Found	%Rec	Q	M	True	Found	%Rec	Q	M
Antimony	500.0	511.0	102.2		P					
Arsenic	2000.0	2164.0	108.2		P					
Beryllium	50.0	53.9	107.8		P					
Cadmium	50.0	51.1	102.2		P					
Chromium	200.0	200.0	100.0		P					
Copper	250.0	241.0	96.4		P					
Lead	500.0	489.0	97.8		P					
Mercury	2.0	1.9	97.0		CV					
Nickel	500.0	511.0	102.2		P					
Selenium	2000.0	2084.0	104.2		P					
Silver	50.0	49.2	98.4		P					
Thallium	2000.0	1984.0	99.2		P					
Zinc	500.0	520.0	104.0		P					

ALI FORM VII - INORGANICS

ACCREDITED LABORATORIES, INC.
ICP SERIAL DILUTION SUMMARY

Sample #: 0413050 Matrix: Soil

Concentration Units: µg/L

Analyte	MDL	Initial Sample Result	Serial Dilution Result	% Difference	Date Date Analyzed	M
Antimony	20.0	ND	ND		12/16/04	P
Arsenic	20.0	45.8	35.2	23.1	12/16/04	P
Beryllium	5.00	ND	ND		12/16/04	P
Cadmium	5.00	ND	ND		12/16/04	P
Chromium	10.0	204	222	8.8	12/16/04	P
Copper	10.0	362	341	5.8	12/16/04	P
Lead	50.0	898	955	6.3	12/16/04	P
Nickel	10.0	182	202	11.0	12/16/04	P
Selenium	20.0	ND	ND		12/16/04	P
Silver	5.00	ND	ND		12/16/04	P
Thallium	20.0	ND	ND		12/16/04	P
Zinc	100	940	1090	16.0	12/16/04	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM IX - INORGANICS

ACCREDITED LABORATORIES, INC.
ICP SERIAL DILUTION SUMMARY

Sample #: 0413110 Matrix: Aqueous

Concentration Units: µg/L

Analyte	MDL	Initial Sample Result	Serial Dilution Result	% Difference	Date Date Analyzed	M
Antimony	10.0	ND	ND		12/16/04	P
Arsenic	8.00	ND	ND		12/16/04	P
Beryllium	5.00	ND	ND		12/16/04	P
Cadmium	4.00	ND	ND		12/16/04	P
Chromium	10.0	ND	ND		12/16/04	P
Copper	10.0	17.0	14.5	14.7	12/16/04	P
Lead	10.0	ND	ND		12/16/04	P
Nickel	10.0	ND	ND		12/16/04	P
Selenium	10.0	ND	ND		12/16/04	P
Silver	5.00	ND	ND		12/16/04	P
Thallium	10.0	ND	ND		12/16/04	P
Zinc	100	ND	ND		12/16/04	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM IX - INORGANICS

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY DUPLICATE SAMPLE RESULTS SUMMARY

Matrix: Aqueous

ANALYTES	SAMPLE #	ORIGINAL SAMPLE CONCENTRATION	UNITS	DUPICATE SAMPLE CONCENTRATION	RPD	QC LIMITS
Cyanide, Total	0412917	ND	mg/L	ND	.0	20%

ACCREDITED LABORATORIES, INC.
GENERAL CHEMISTRY MATRIX SPIKE SUMMARY

Matrix: Aqueous

ANALYTES	SAMPLE #	SPIKE ADDED	UNITS	SAMPLE CONCENTRATION	SPIKE CONCENTRATION	% RECOVERY	QC LIMITS
Cyanide, Total	0412917	0.20	mg/L	ND	0.17	85.0	75-125

ACCREDITED LABORATORIES, INC.

TOTAL PETROLEUM HYDROCARBONS
SOIL DUPLICATE AND MATRIX SPIKE SUMMARY

DUPLICATE SAMPLE #:200413055

ORIGINAL CONCENTRATION (mg/Kg)	DUPLICATE CONCENTRATION (mg/Kg)	RPD	RPD QC LIMIT
ND	ND	0	25

MATRIX SPIKE SAMPLE #:200413055

SPIKE ADDED (mg/Kg)	SAMPLE CONC (mg/Kg)	MS CONC (mg/Kg)	% RECOVERY	RECOVERY QC LIMITS
227	ND	232.00	102	75-125

Data File : D:\D\DATA\DEC04\D1217\D5655.D Vial: 9
Acq On : 17 Dec 2004 12:05 Operator: GARY
Sample : VBLKD92 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 17 12:30 2004 Quant Results File: VD61217.RES

Quant Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Fri Dec 17 11:53:47 2004
Response via : Initial Calibration
DataAcq Meth : VD61217

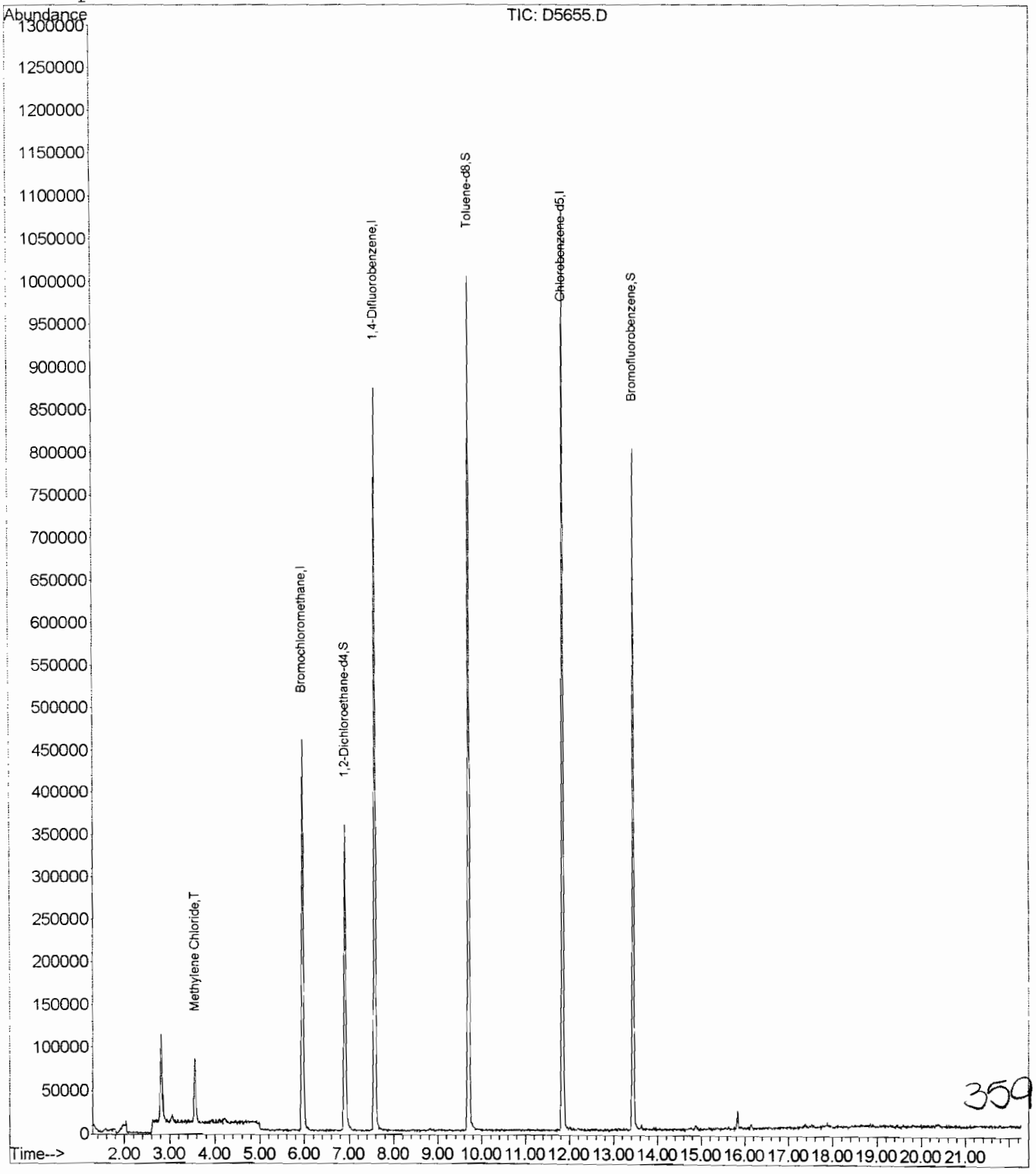
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.95	128	204210	30.00	ug/l	-0.02
21) 1,4-Difluorobenzene	7.57	114	1013205	30.00	ug/l	-0.02
37) Chlorobenzene-d5	11.84	117	917929	30.00	ug/l	-0.02
System Monitoring Compounds						
19) 1,2-Dichloroethane-d4	6.90	65	401078	26.49	ug/l	-0.03
Spiked Amount 30.000	Range 76 - 114		Recovery = 88.30%			
42) Toluene-d8	9.69	98	959246	27.72	ug/l	-0.02
Spiked Amount 30.000	Range 88 - 110		Recovery = 92.40%			
45) Bromofluorobenzene	13.43	95	384188	26.90	ug/l	-0.02
Spiked Amount 30.000	Range 86 - 115		Recovery = 89.67%			
Target Compounds						Qvalue
9) Methylene Chloride	3.56	84	43353	0.62	ug/l	# 81

358

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1217\D5655.D Vial: 9
Acq On : 17 Dec 2004 12:05 Operator: GARY
Sample : VBLKD92 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 17 12:30 2004 Quant Results File: VD61217.RE

Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Thu Dec 23 11:05:52 2004
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1227\D5826.D Vial: 12
Acq On : 27 Dec 2004 14:34 Operator: GARY
Sample : VBLKD97 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 27 15:40 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

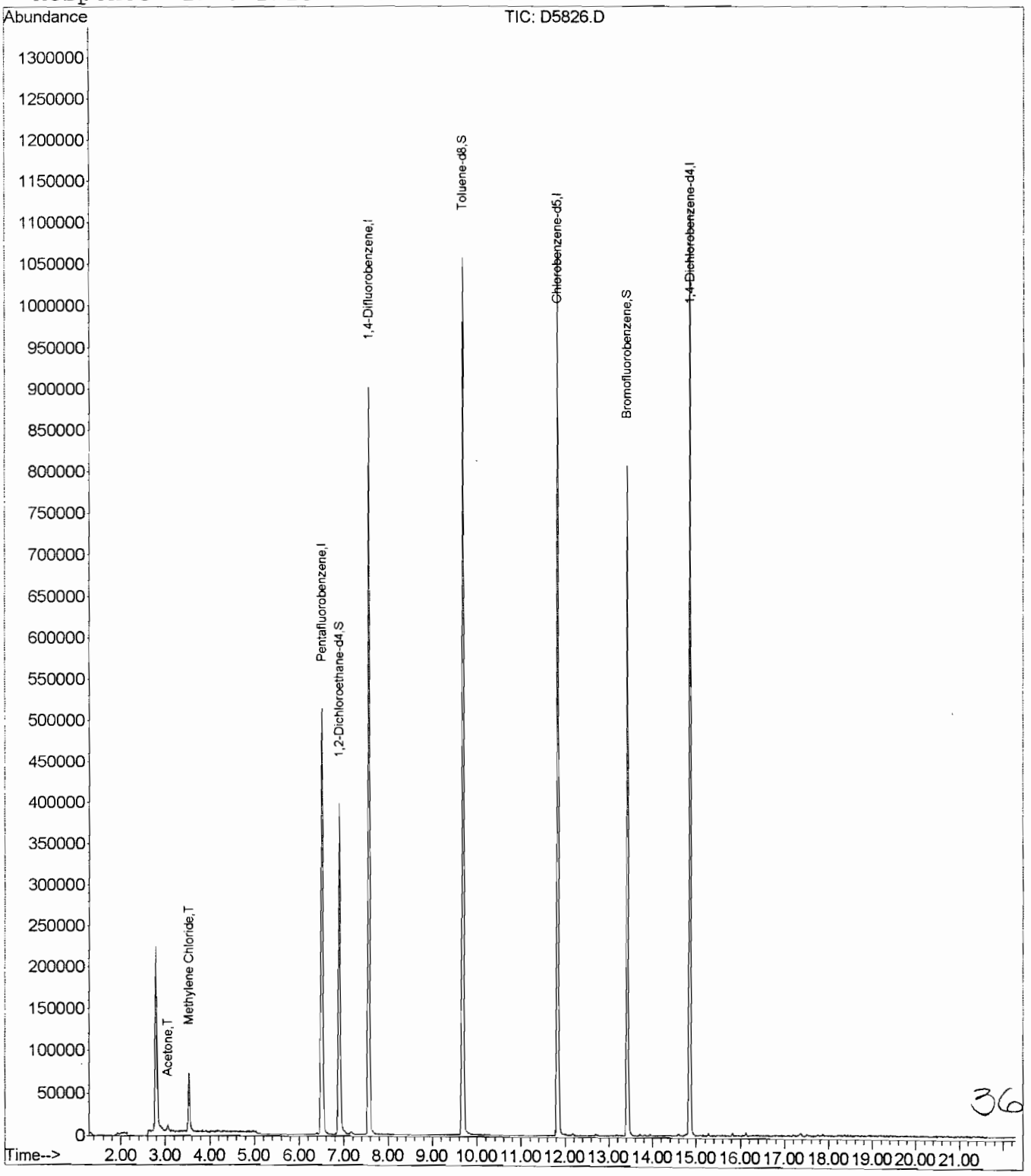
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.50	168	508279	50.00	ug/l	-0.02
24) 1,4-Difluorobenzene	7.56	114	1019450	50.00	ug/l	-0.02
43) Chlorobenzene-d5	11.83	117	893922	50.00	ug/l	-0.03
55) 1,4-Dichlorobenzene-d4	14.85	152	413218	50.00	ug/l	-0.04
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.89	65	422705	49.97	ug/l	-0.03
Spiked Amount 50.000	Range 76 - 114		Recovery = 99.94%			
36) Toluene-d8	9.68	98	1001280	50.54	ug/l	-0.05
Spiked Amount 50.000	Range 88 - 110		Recovery = 101.08%			
42) Bromofluorobenzene	13.42	95	394645	48.92	ug/l	-0.03
Spiked Amount 50.000	Range 86 - 115		Recovery = 97.84%			
Target Compounds						Qvalue
4) Acetone	3.06	43	13862	4.63	ug/l	91
13) Methylene Chloride	3.53	49	56979	6.05	ug/l	87

360

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5826.D Vial: 12
Acq On : 27 Dec 2004 14:34 Operator: GARY
Sample : VBLKD97 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 27 15:40 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



361

Data File : D:\D\DATA\DEC04\D1228\D5848.D Vial: 11
Acq On : 28 Dec 2004 11:46 Operator: GARY
Sample : VBLKD98 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 31 10:31 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

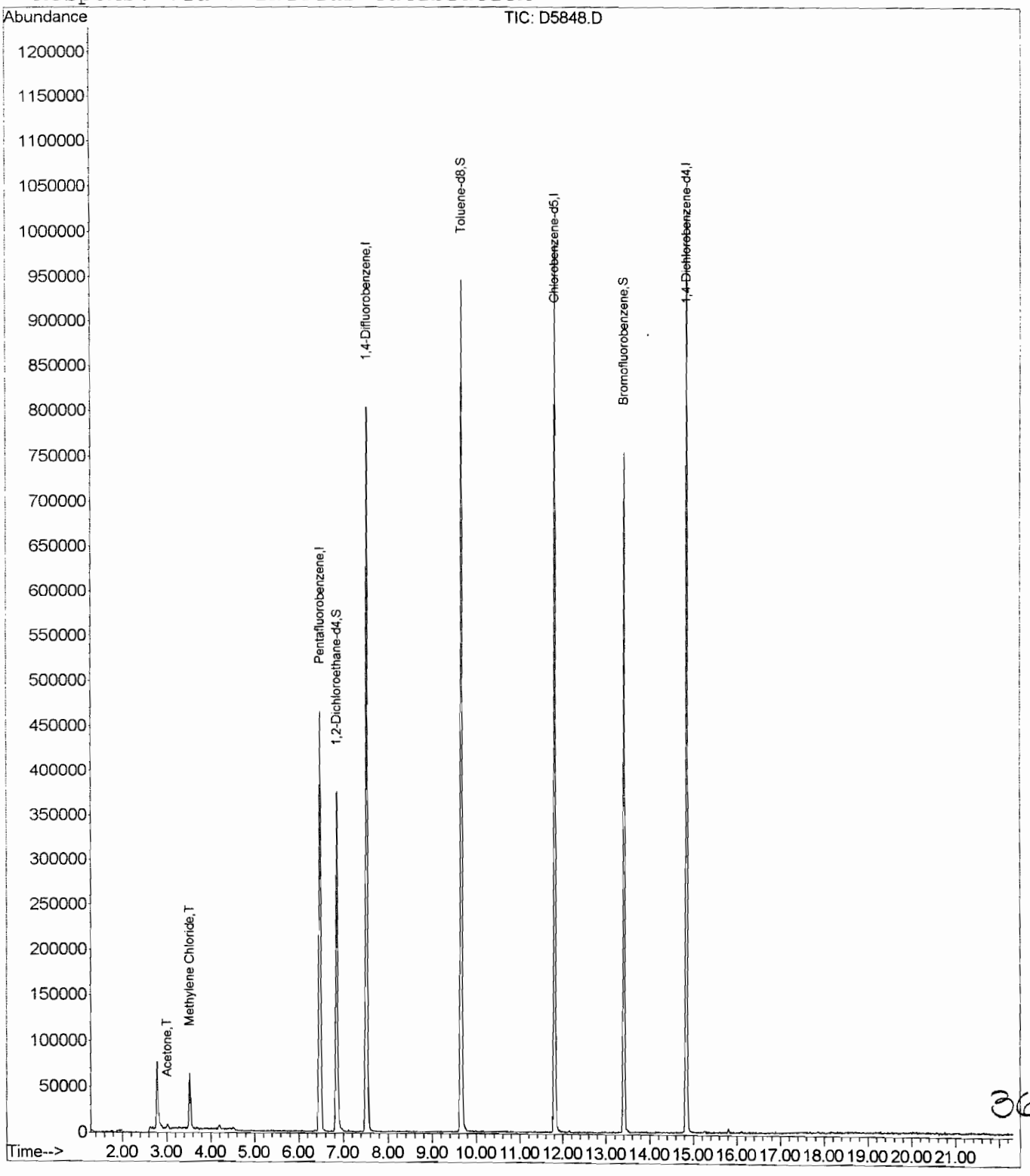
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.47	168	463457	50.00	ug/l	-0.06
24) 1,4-Difluorobenzene	7.51	114	923053	50.00	ug/l	-0.07
43) Chlorobenzene-d5	11.81	117	812679	50.00	ug/l	-0.06
55) 1,4-Dichlorobenzene-d4	14.84	152	385327	50.00	ug/l	-0.06
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.84	65	386039	50.40	ug/l	-0.08
Spiked Amount 50.000	Range 70 - 121		Recovery = 100.80%			
36) Toluene-d8	9.65	98	909695	50.71	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 101.42%			
42) Bromofluorobenzene	13.40	95	364300	49.87	ug/l	-0.06
Spiked Amount 50.000	Range 74 - 121		Recovery = 99.74%			
Target Compounds						Qvalue
4) Acetone	3.02	43	7330	2.68	ug/l	83
13) Methylene Chloride	3.53	49	48981	5.70	ug/l	87

362

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1228\D5848.D Vial: 11
Acq On : 28 Dec 2004 11:46 Operator: GARY
Sample : VBLKD98 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 31 10:31 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



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Data File : D:\M\DATA\DEC04\M1229\M7753.D Vial: 10
Acq On : 29 Dec 2004 9:53 Operator: GARY
Sample : VBLKM67 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:19 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

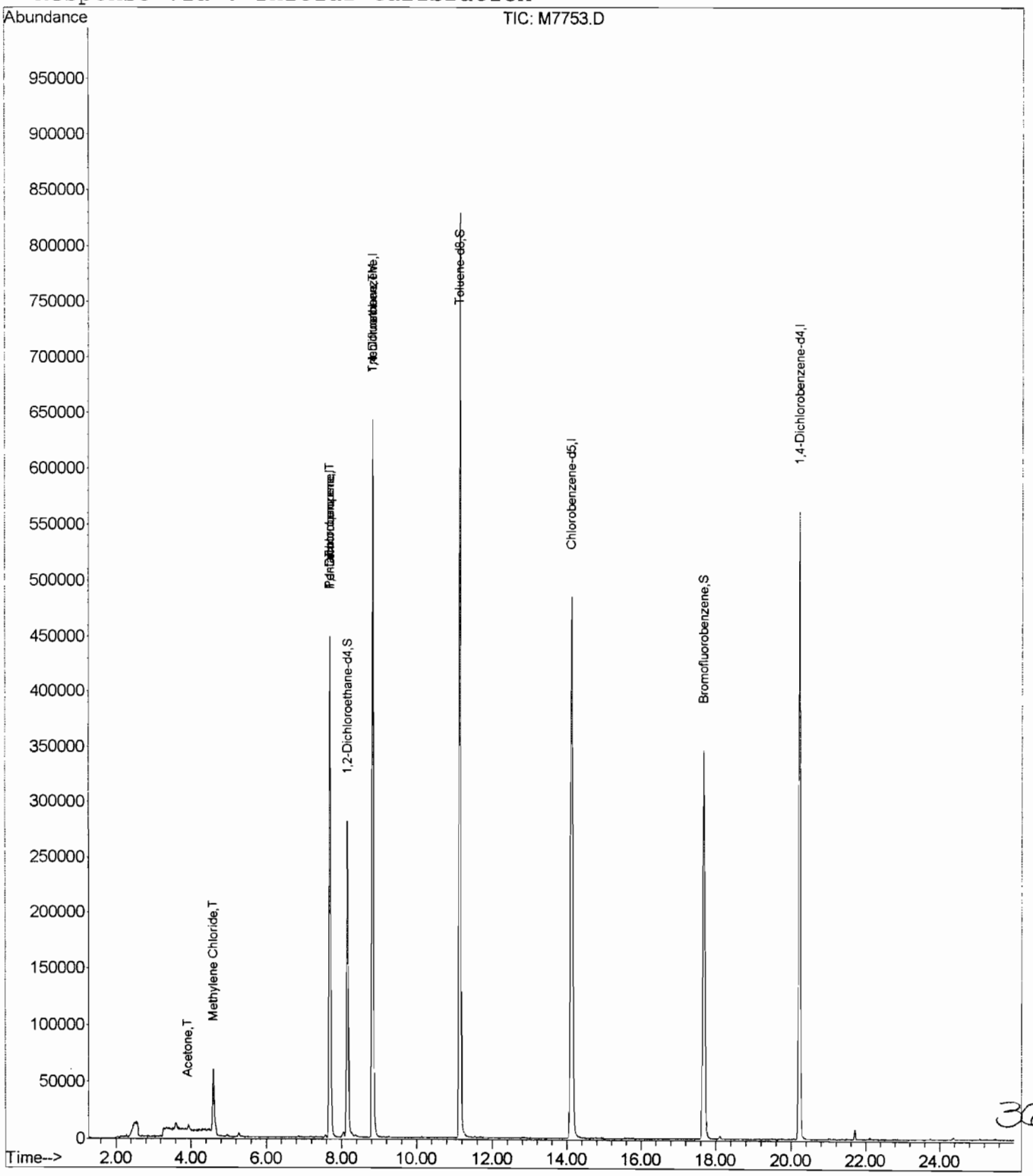
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	389954	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	727719	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	630640	50.00	ug/l	-0.01
55) 1,4-Dichlorobenzene-d4	20.22	152	267230	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.16	65	310626	49.35	ug/l	0.00
Spiked Amount 50.000	Range 76 - 114		Recovery = 98.70%			
36) Toluene-d8	11.14	98	810739	46.58	ug/l	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 93.16%			
42) Bromofluorobenzene	17.68	95	283312	43.49	ug/l	-0.01
Spiked Amount 50.000	Range 86 - 115		Recovery = 86.98%			
Target Compounds						Qvalue
4) Acetone	3.94	43	6125	2.44	ug/l	75
13) Methylene Chloride	4.60	49	52173	5.59	ug/l	91
26) 1,1-Dichloropropene	7.69	75	39667	5.19	ug/l #	46
30) Trichloroethene	8.82	95	20488	3.78	ug/l #	1

364

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7753.D Vial: 10
Acq On : 29 Dec 2004 9:53 Operator: GARY
Sample : VBLKM67 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:19 2004 Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7763.D Vial: 7
Acq On : 29 Dec 2004 15:10 Operator: GARY
Sample : VBLKM68 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 15:36 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	529950	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	1036991	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	887473	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	20.22	152	363436	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.15	65	377905	42.14	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 84.28%			
36) Toluene-d8	11.14	98	1152897	46.49	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 92.98%			
42) Bromofluorobenzene	17.68	95	386565	41.64	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 83.28%			
Target Compounds						Qvalue
4) Acetone	3.96	43	12085	3.55	ug/l	76
13) Methylene Chloride	4.60	49	83029	6.55	ug/l	93

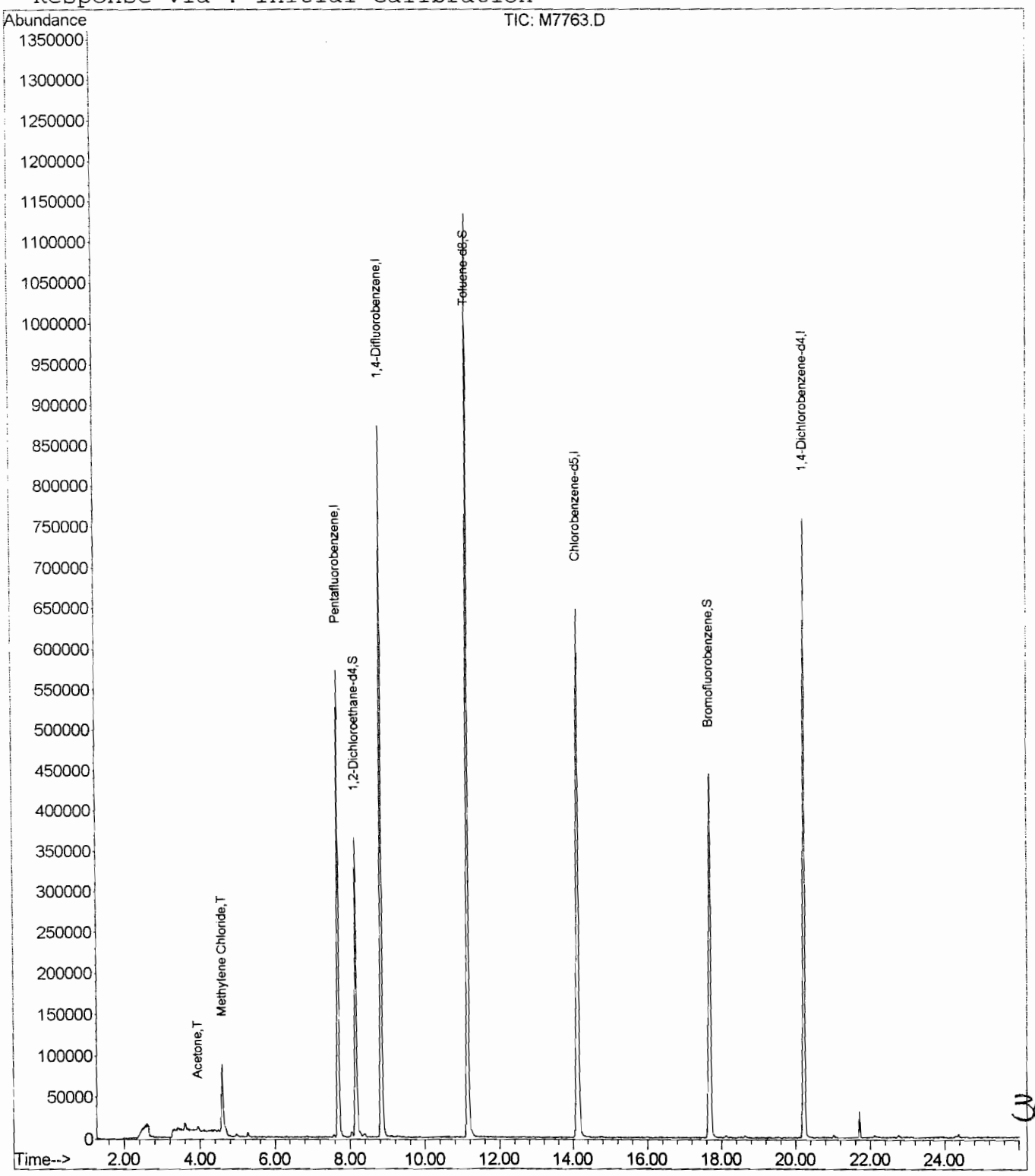
3666

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7763.D
Acq On : 29 Dec 2004 15:10
Sample : VBLKM68
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Dec 29 15:36 2004

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



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Data File : D:\D\DATA\DEC04\D1227\D5836.D
Acq On : 27 Dec 2004 20:25
Sample : 0413147
Misc : WATER 6513 TB
MS Integration Params: rteint.p
Quant Time: Dec 28 8:38 2004

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

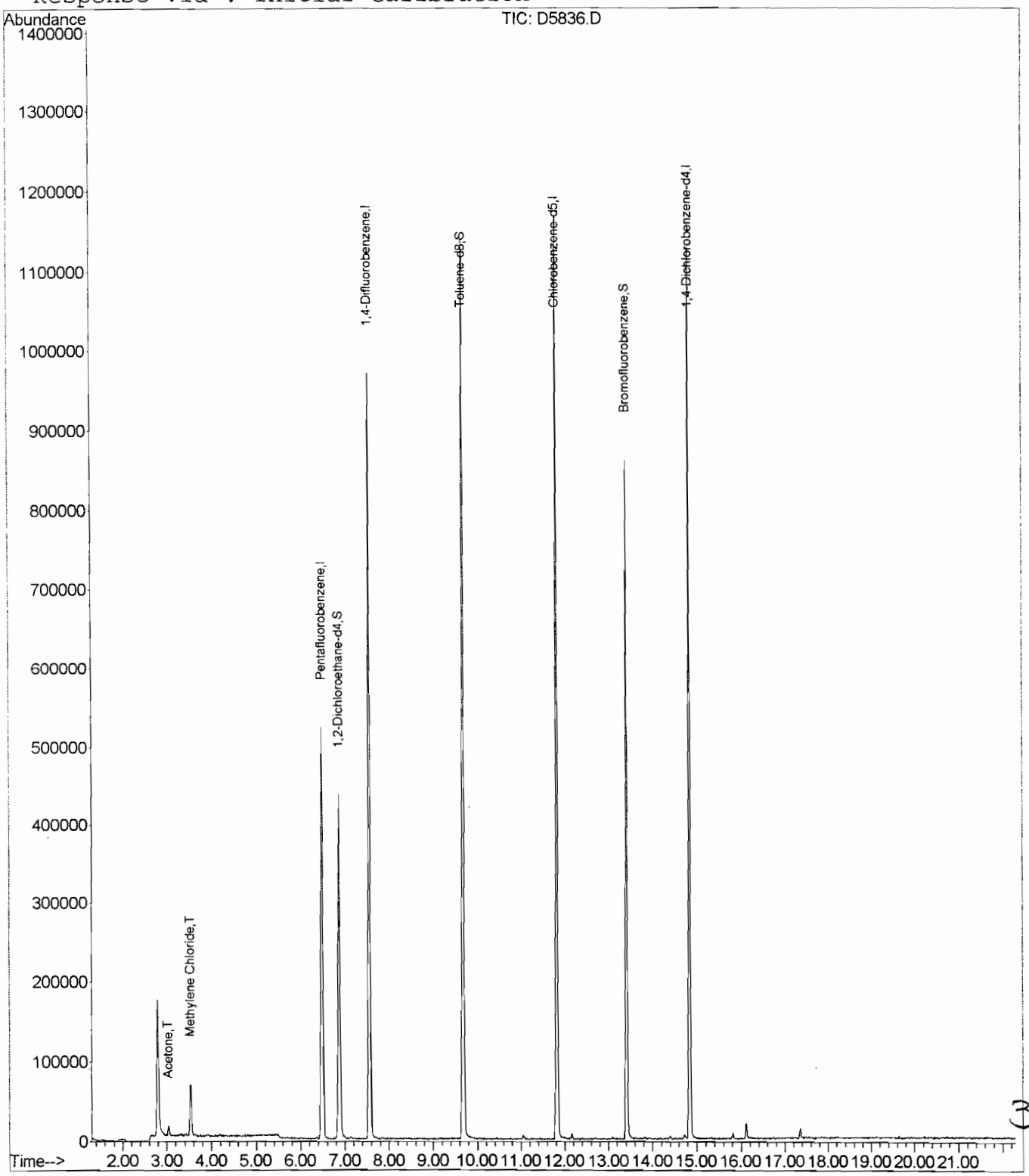
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.47	168	527856	50.00	ug/l	-0.05
24) 1,4-Difluorobenzene	7.55	114	1089916	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.81	117	937738	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	420427	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	438406	48.48	ug/l	-0.05
Spiked Amount 50.000	Range 76 - 114		Recovery = 96.96%			
36) Toluene-d8	9.67	98	1071670	50.60	ug/l	-0.06
Spiked Amount 50.000	Range 88 - 110		Recovery = 101.20%			
42) Bromofluorobenzene	13.41	95	410385	47.58	ug/l	-0.05
Spiked Amount 50.000	Range 86 - 115		Recovery = 95.16%			
Target Compounds						Qvalue
4) Acetone	3.04	43	16890	5.43	ug/l	72
13) Methylene Chloride	3.53	49	56681	5.79	ug/l	89

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(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5836.D Vial: 7
Acq On : 27 Dec 2004 20:25 Operator: GARY
Sample : 0413147 Inst : GC/MS Ins
Misc : WATER 6513 TB Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:38 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1227\D5837.D Vial: 8
Acq On : 27 Dec 2004 21:01 Operator: GARY
Sample : 0413148 Inst : GC/MS Ins
Misc : SOIL 6513 NS-1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:39 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

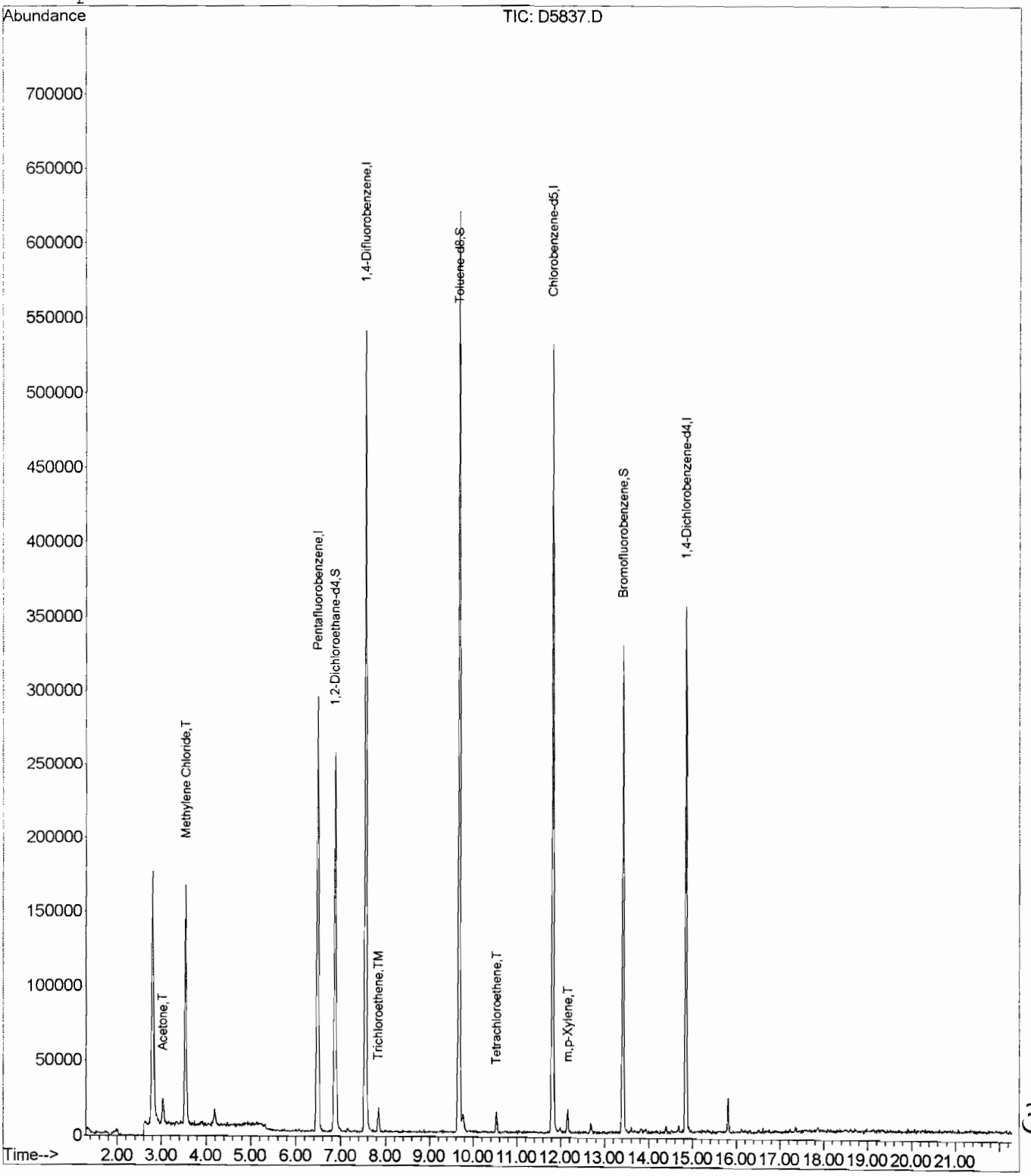
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.48	168	295768	50.00	ug/l	-0.05
24) 1,4-Difluorobenzene	7.54	114	604712	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.81	117	441364	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	132055	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.86	65	262202	52.26	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 104.52%			
36) Toluene-d8	9.67	98	582256	49.55	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 99.10%			
42) Bromofluorobenzene	13.40	95	165081	34.50	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 69.00%#			
Target Compounds						Qvalue
4) Acetone	3.03	43	29055	16.67	ug/l	84
13) Methylene Chloride	3.54	49	129891	23.70	ug/l	90
30) Trichloroethene	7.84	95	7095	1.73	ug/l #	80
46) Tetrachloroethene	10.53	166	5772	1.81	ug/l #	84
51) m,p-Xylene	12.16	91	13538	1.29	ug/l	99

320

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5837.D Vial: 8
Acq On : 27 Dec 2004 21:01 Operator: GARY
Sample : 0413148 Inst : GC/MS Ins
Misc : SOIL 6513 NS-1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:39 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



301

Data File : D:\D\DATA\DEC04\D1217\D5674.D Vial: 3
Acq On : 17 Dec 2004 23:11 Operator: GARY
Sample : 0413149 Inst : GC/MS Ins
Misc : WATER 6513 NS-1W Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:43 2004 Quant Results File: VD61217.RES

Quant Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Thu Dec 23 11:05:52 2004
Response via : Initial Calibration
DataAcq Meth : VD61217

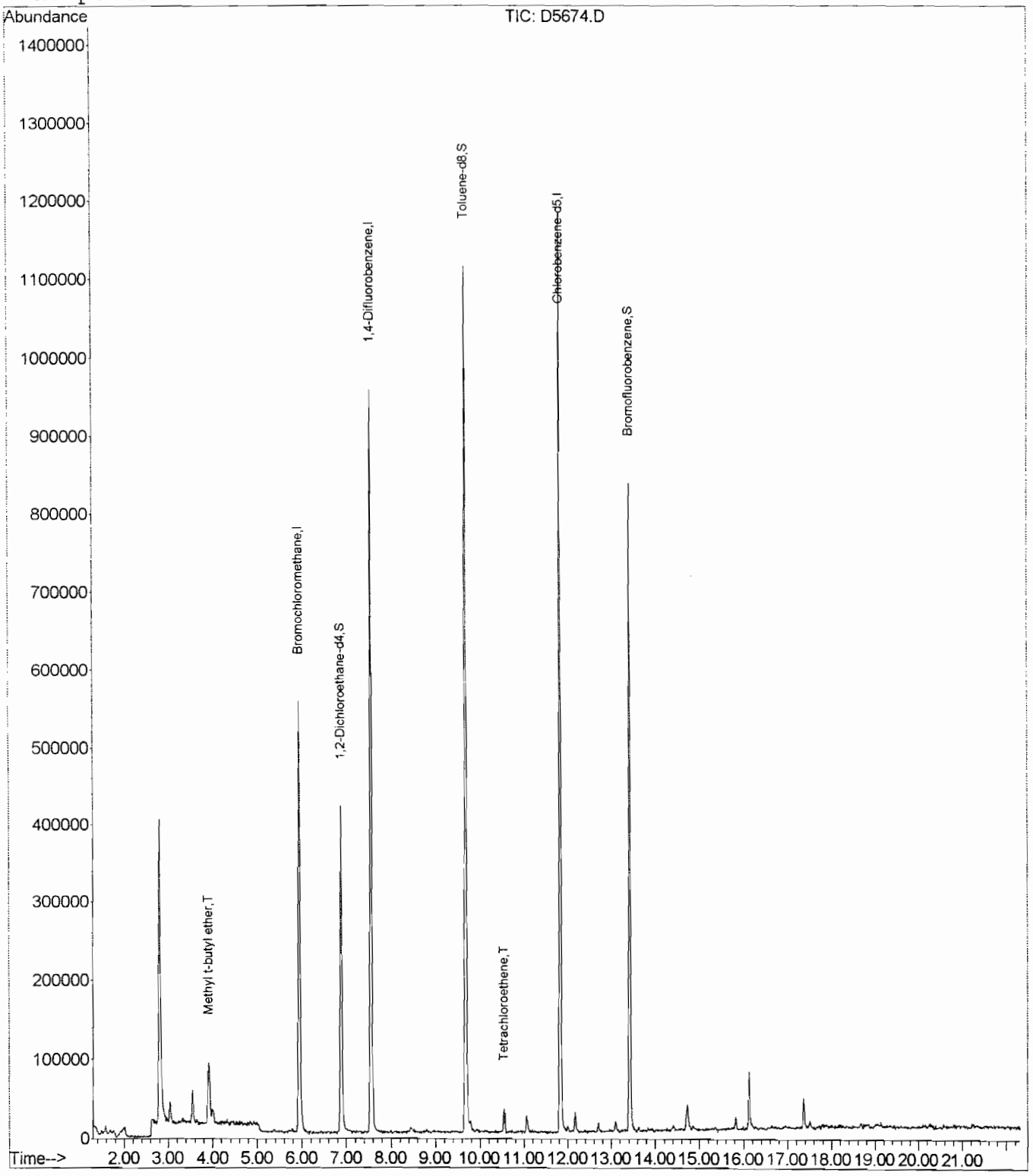
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.94	128	231174	30.00	ug/l	-0.03
21) 1,4-Difluorobenzene	7.56	114	1089150	30.00	ug/l	-0.03
37) Chlorobenzene-d5	11.83	117	980303	30.00	ug/l	-0.03
System Monitoring Compounds						
19) 1,2-Dichloroethane-d4	6.88	65	418831	24.44	ug/l	-0.05
Spiked Amount 30.000	Range 76 - 114		Recovery = 81.47%			
42) Toluene-d8	9.68	98	1069441	29.68	ug/l	-0.03
Spiked Amount 30.000	Range 88 - 110		Recovery = 98.93%			
45) Bromofluorobenzene	13.42	95	415573	28.10	ug/l	-0.03
Spiked Amount 30.000	Range 86 - 115		Recovery = 93.67%			
Target Compounds						Qvalue
23) Methyl t-butyl ether	3.92	73	125237	4.90	ug/l	90
40) Tetrachloroethene	10.55	164	10119	1.03	ug/l	98

392

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1217\D5674.D Vial: 3
Acq On : 17 Dec 2004 23:11 Operator: GARY
Sample : 0413149 Inst : GC/MS Ins
Misc : WATER 6513 NS-1W Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:43 2004 Quant Results File: VD61217.RE

Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Thu Dec 23 11:05:52 2004
Response via : Initial Calibration



393

Data File : D:\D\DATA\DEC04\D1227\D5838.D Vial: 9
Acq On : 27 Dec 2004 21:37 Operator: GARY
Sample : 0413150 Inst : GC/MS Ins
Misc : SOIL 6513 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:46 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

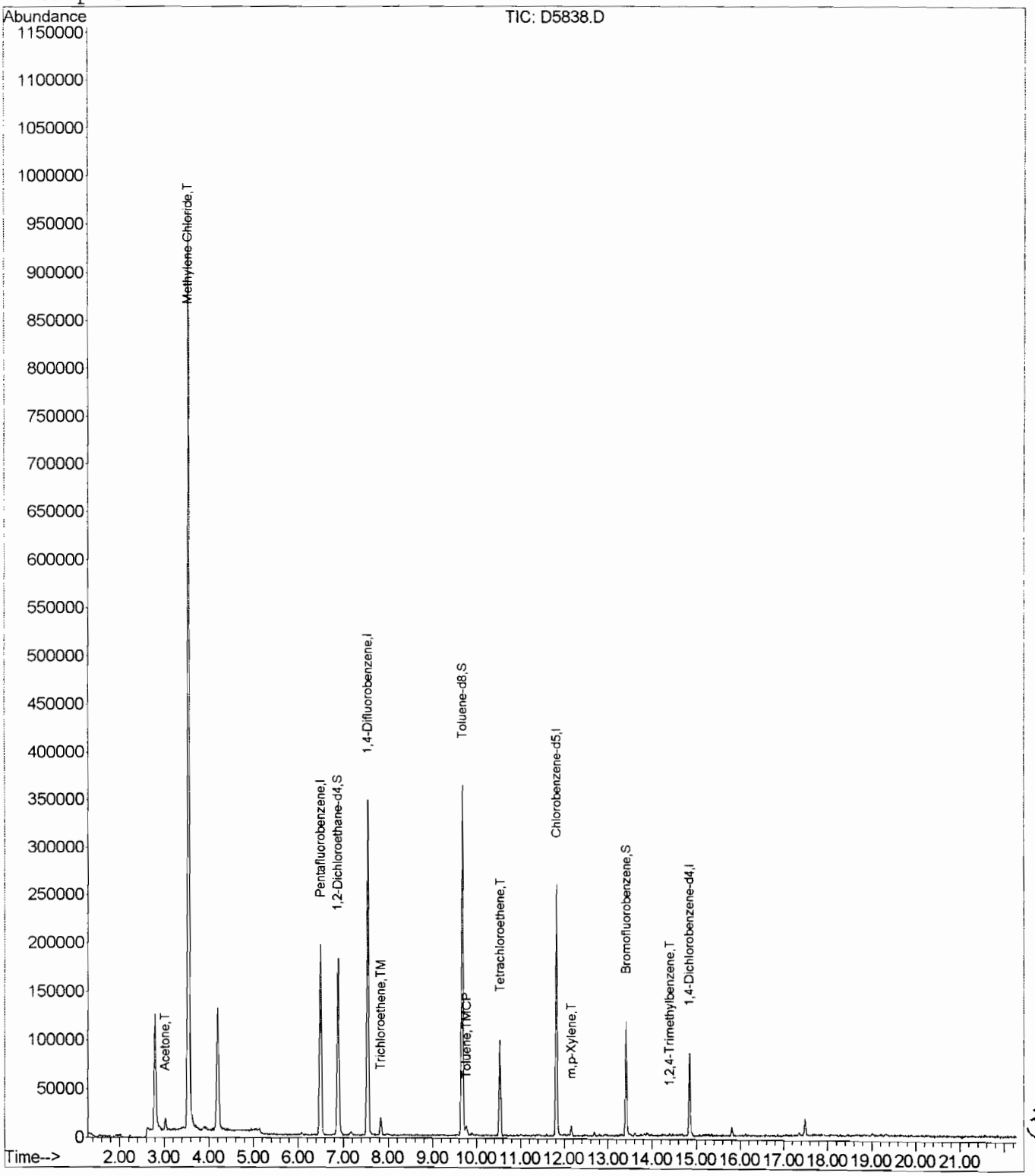
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.49	168	197431	50.00	ug/l	-0.03
24) 1,4-Difluorobenzene	7.53	114	396152	50.00	ug/l	-0.05
43) Chlorobenzene-d5	11.81	117	211921	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	33579	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	182276	55.45	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 110.90%			
36) Toluene-d8	9.66	98	345772	44.91	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 89.82%			
42) Bromofluorobenzene	13.41	95	60765	19.38	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 38.76%#			
Target Compounds						Qvalue
4) Acetone	3.03	43	16674	14.33	ug/l	95
13) Methylene Chloride	3.54	49	811023	221.64	ug/l	90
30) Trichloroethene	7.83	95	9069	3.37	ug/l	91
37) Toluene	9.77	91	11409	1.24	ug/l	86
46) Tetrachloroethene	10.52	166	43608	28.43	ug/l #	76
51) m,p-Xylene	12.15	91	8300	1.65	ug/l	87
65) 1,2,4-Trimethylbenzene	14.39	105	1793	1.04	ug/l #	40

374

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5838.D Vial: 9
Acq On : 27 Dec 2004 21:37 Operator: GARY
Sample : 0413150 Inst : GC/MS Ins
Misc : SOIL 6513 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:46 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



305

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1228\D5852.D Vial: 13
Acq On : 28 Dec 2004 13:57 Operator: GARY
Sample : 0413150 Inst : GC/MS Ins
Misc : SOIL 6513 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:48 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.50	168	202444	50.00	ug/l	-0.03
24) 1,4-Difluorobenzene	7.53	114	403589	50.00	ug/l	-0.05
43) Chlorobenzene-d5	11.82	117	242548	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.85	152	49027	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	194087	57.96	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 115.92%			
36) Toluene-d8	9.67	98	356272	45.43	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 90.86%			
42) Bromofluorobenzene	13.41	95	78319	24.52	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 49.04%#			
Target Compounds						Qvalue
4) Acetone	3.04	43	9460	7.93	ug/l	80
13) Methylene Chloride	3.57	49	482531	128.61	ug/l	97
30) Trichloroethene	7.83	95	6802	2.48	ug/l #	60
37) Toluene	9.76	91	9842	1.05	ug/l #	72
46) Tetrachloroethene	10.53	166	28285	16.11	ug/l #	83
51) m,p-Xylene	12.16	91	8454	1.47	ug/l	97
65) 1,2,4-Trimethylbenzene	14.41	105	2674	1.06	ug/l	72

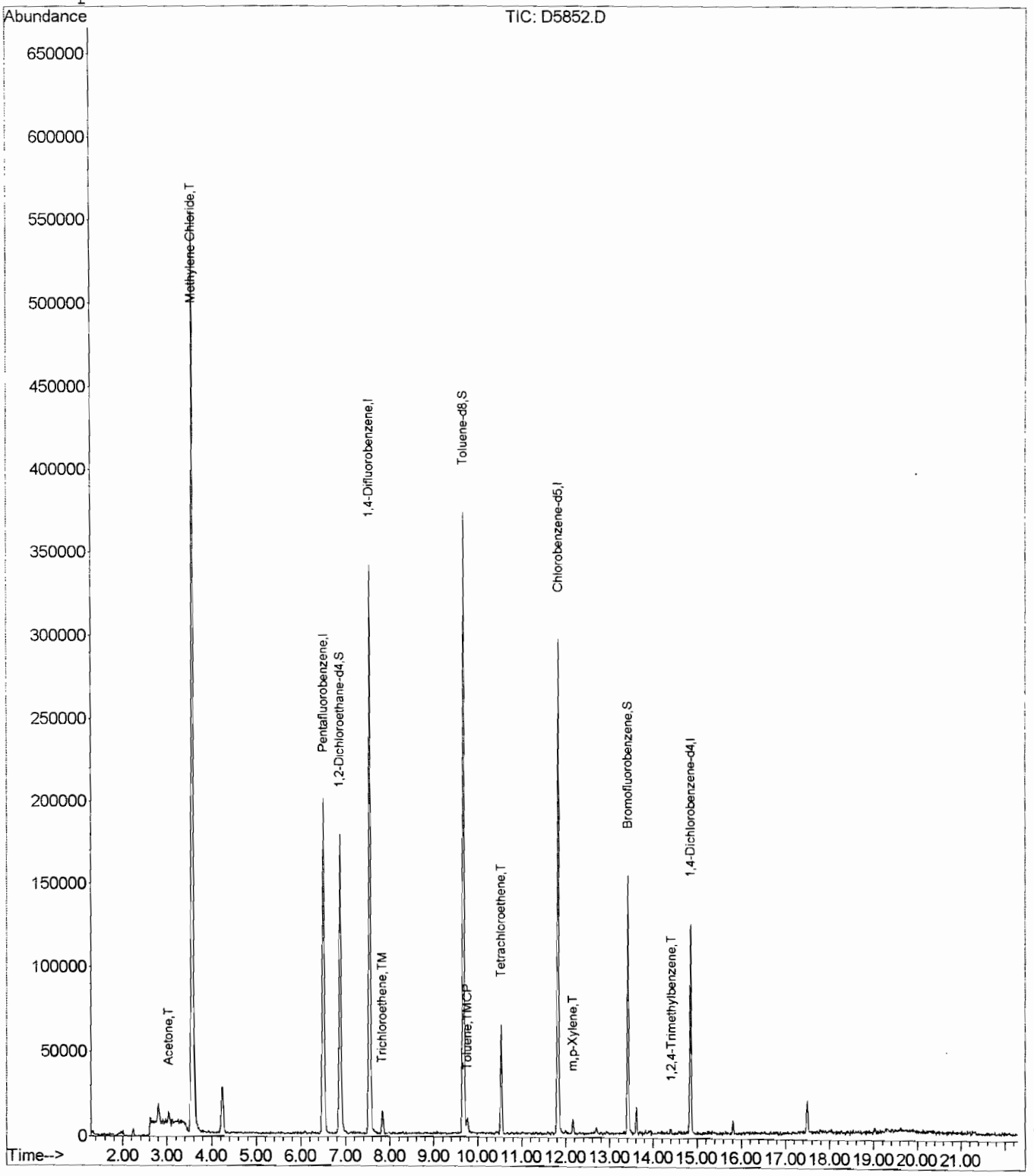
326

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1228\D5852.D
Acq On : 28 Dec 2004 13:57
Sample : 0413150
Misc : SOIL 6513 NS-2
MS Integration Params: rteint.p
Quant Time: Dec 28 15:48 2004

Vial: 13
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



397

Data File : D:\D\DATA\DEC04\D1227\D5839.D Vial: 10
Acq On : 27 Dec 2004 22:13 Operator: GARY
Sample : 0413151 Inst : GC/MS Ins
Misc : SOIL 6513 NS-3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:41 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

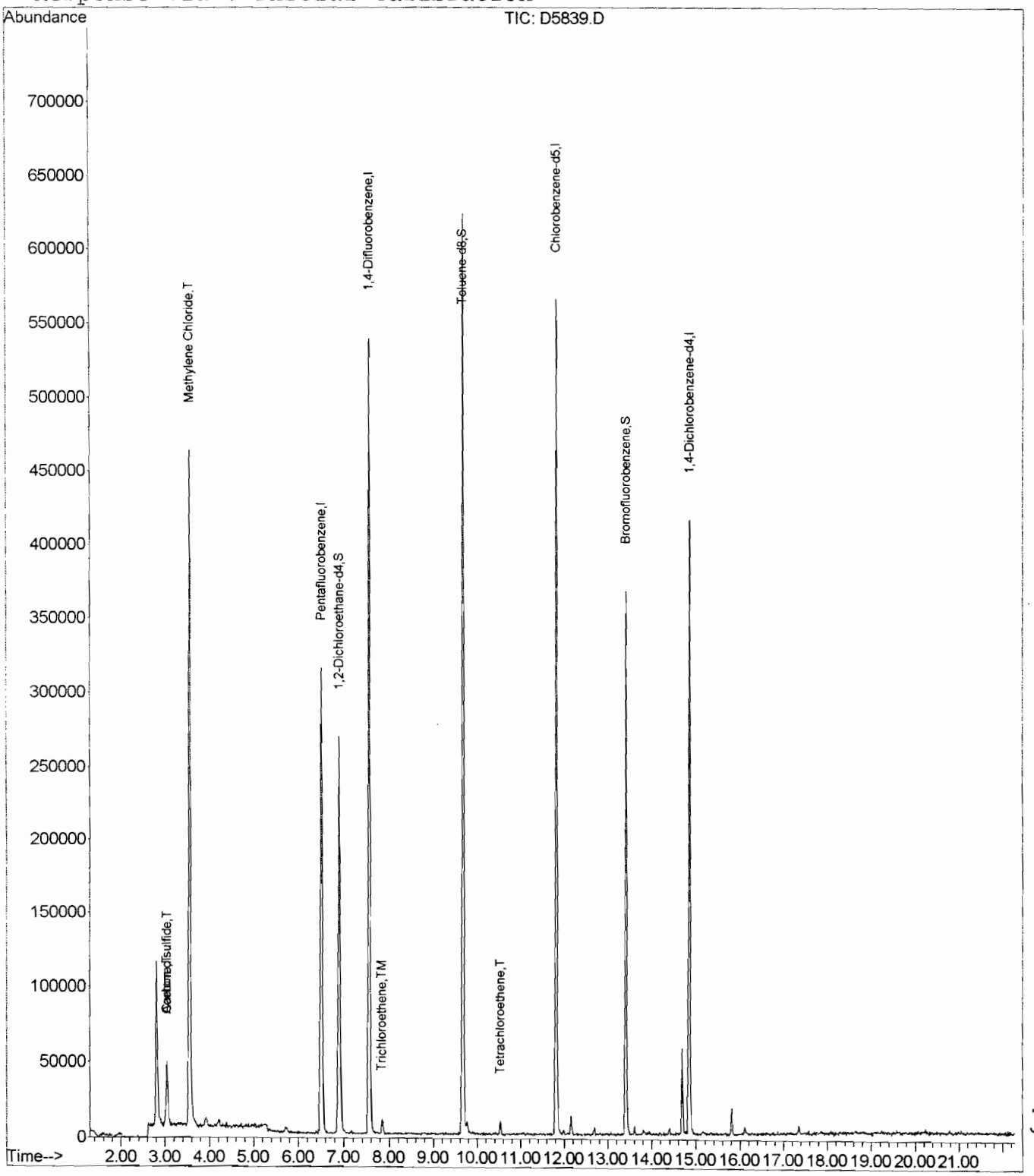
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.51	168	313118	50.00	ug/l	-0.02
24) 1,4-Difluorobenzene	7.55	114	603547	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.81	117	456124	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	157478	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.89	65	272070	54.33	ug/l	-0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 108.66%			
36) Toluene-d8	9.67	98	596643	50.87	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 101.74%			
42) Bromofluorobenzene	13.40	95	179611	37.60	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 75.20%			
Target Compounds						Qvalue
4) Acetone	3.05	43	75205	40.75	ug/l	96
12) Carbon disulfide	3.04	76	12043	1.03	ug/l #	1
13) Methylene Chloride	3.55	49	375470	64.70	ug/l	88
30) Trichloroethene	7.84	95	5197	1.27	ug/l	84
46) Tetrachloroethene	10.52	166	3853	1.17	ug/l	87

378

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5839.D Vial: 10
Acq On : 27 Dec 2004 22:13 Operator: GARY
Sample : 0413151 Inst : GC/MS Ins
Misc : SOIL 6513 NS-3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:41 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



379

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1227\D5840.D Vial: 12
Acq On : 27 Dec 2004 22:49 Operator: GARY
Sample : 0413152 Inst : GC/MS Ins
Misc : SOIL 6513 NS-4S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:51 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.50	168	228541	50.00	ug/l	-0.03
24) 1,4-Difluorobenzene	7.54	114	493629	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.81	117	310622	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	79331	50.00	ug/l	-0.06
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.88	65	255587	62.40	ug/l	-0.04
Spiked Amount 50.000	Range 70 - 121		Recovery = 124.80%#			
36) Toluene-d8	9.66	98	401912	41.90	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 83.80%			
42) Bromofluorobenzene	13.41	95	109698	28.08	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 56.16%#			
Target Compounds						Qvalue
4) Acetone	3.02	43	13514	10.03	ug/l	96
13) Methylene Chloride	3.54	49	62163	14.68	ug/l	86
46) Tetrachloroethene	10.52	166	109654	48.78	ug/l	88

380

(#) = qualifier out of range (m) = manual integration

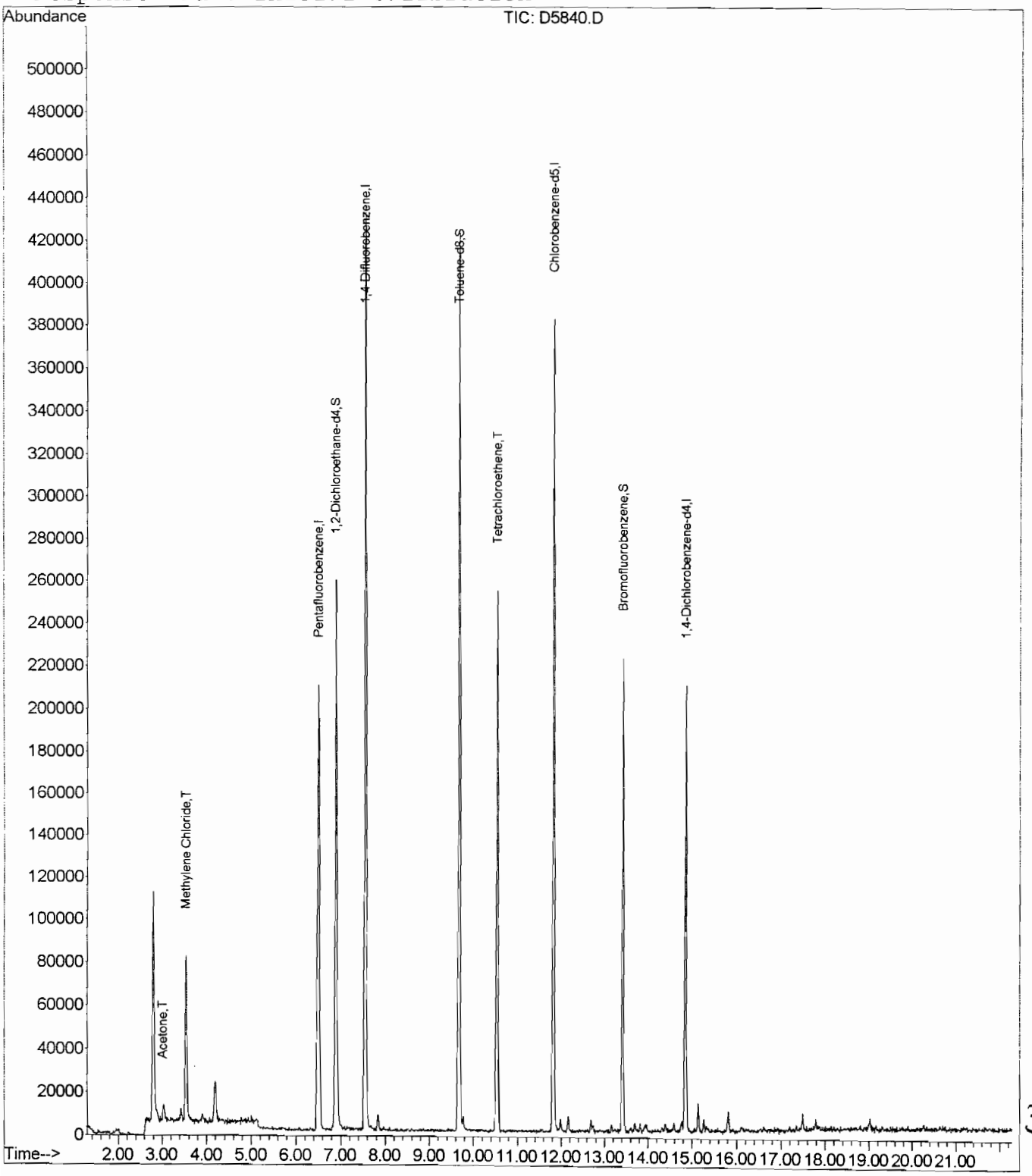
Quantitation Report

Data File : D:\D\DATA\DEC04\D1227\D5840.D
Acq On : 27 Dec 2004 22:49
Sample : 0413152
Misc : SOIL 6513 NS-4S
MS Integration Params: rteint.p
Quant Time: Dec 28 15:51 2004

Vial: 12
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



381

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1228\D5854.D Vial: 15
Acq On : 28 Dec 2004 14:59 Operator: GARY
Sample : 0413152 Inst : GC/MS Ins
Misc : SOIL 6513 NS-4S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:50 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.51	168	223561	50.00	ug/l	-0.02
24) 1,4-Difluorobenzene	7.55	114	468054	50.00	ug/l	-0.03
43) Chlorobenzene-d5	11.82	117	301228	50.00	ug/l	-0.04
55) 1,4-Dichlorobenzene-d4	14.85	152	77117	50.00	ug/l	-0.04
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.88	65	252667	65.06	ug/l	-0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 130.12%#			
36) Toluene-d8	9.67	98	385773	42.41	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 84.82%			
42) Bromofluorobenzene	13.41	95	108772	29.37	ug/l	-0.04
Spiked Amount 50.000	Range 74 - 121		Recovery = 58.74%#			
Target Compounds						Qvalue
4) Acetone	3.06	43	12076	9.16	ug/l #	53
13) Methylene Chloride	3.57	49	41877	10.11	ug/l	84
46) Tetrachloroethene	10.54	166	77171	35.40	ug/l	89

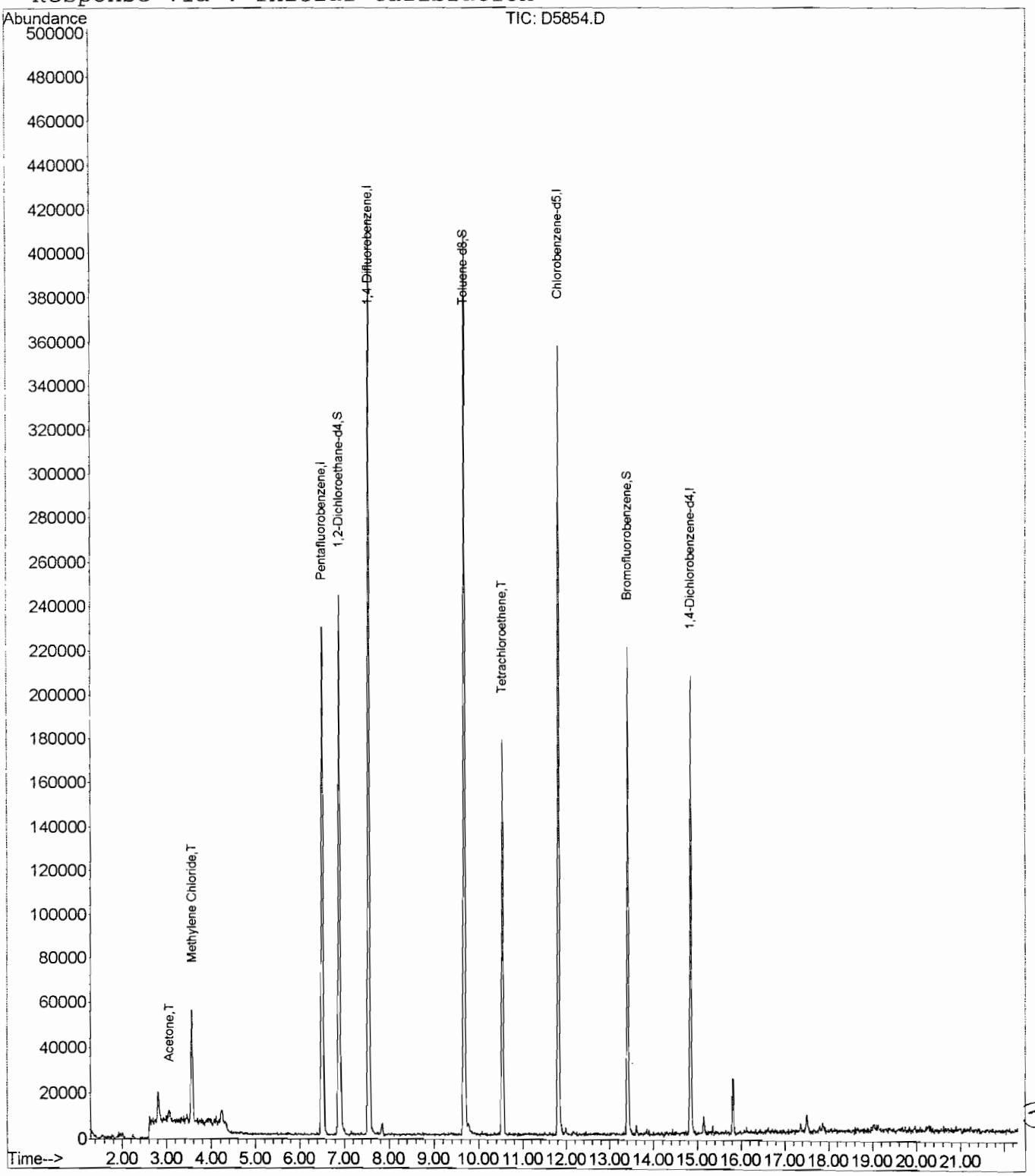
382

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\D\DATA\DEC04\D1228\D5854.D Vial: 15
Acq On : 28 Dec 2004 14:59 Operator: GARY
Sample : 0413152 Inst : GC/MS Ins
Misc : SOIL 6513 NS-4S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:50 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



383

Data File : D:\D\DATA\DEC04\D1217\D5675.D Vial: 4
Acq On : 17 Dec 2004 23:47 Operator: GARY
Sample : 0413153 Inst : GC/MS Ins
Misc : WATER 6513 NS-4W Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:43 2004 Quant Results File: VD61217.RES

Quant Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Thu Dec 23 11:05:52 2004
Response via : Initial Calibration
DataAcq Meth : VD61217

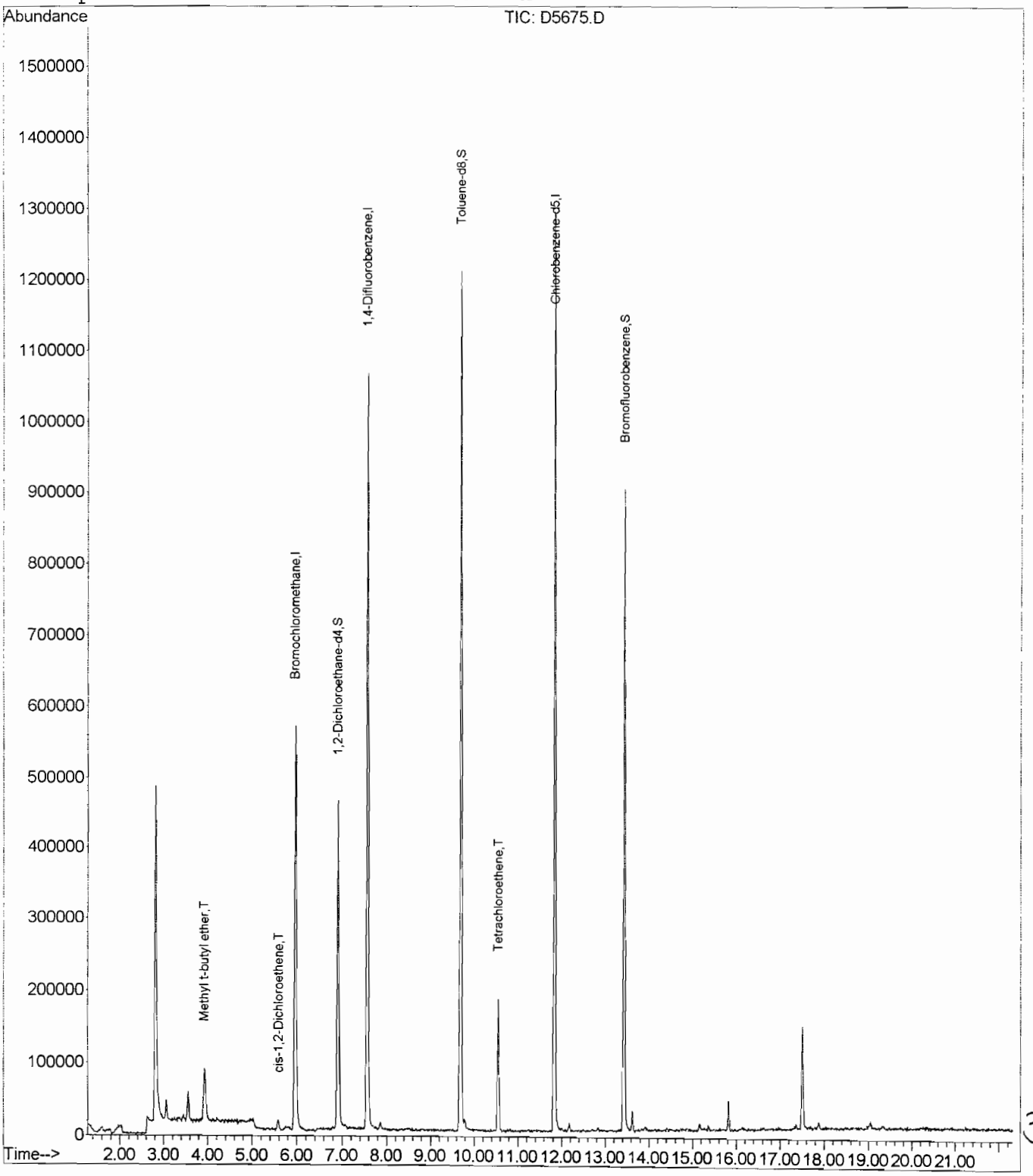
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.96	128	243535	30.00	ug/l	-0.01
21) 1,4-Difluorobenzene	7.56	114	1180819	30.00	ug/l	-0.02
37) Chlorobenzene-d5	11.83	117	1040025	30.00	ug/l	-0.03
System Monitoring Compounds						
19) 1,2-Dichloroethane-d4	6.90	65	444674	24.63	ug/l	-0.03
Spiked Amount 30.000	Range 76 - 114		Recovery = 82.10%			
42) Toluene-d8	9.69	98	1124677	29.42	ug/l	-0.03
Spiked Amount 30.000	Range 88 - 110		Recovery = 98.07%			
45) Bromofluorobenzene	13.42	95	443000	28.24	ug/l	-0.03
Spiked Amount 30.000	Range 86 - 115		Recovery = 94.13%			
Target Compounds						Qvalue
16) cis-1,2-Dichloroethene	5.58	61	13267	0.70	ug/l	96
23) Methyl t-butyl ether	3.93	73	112698	4.07	ug/l	97
40) Tetrachloroethene	10.55	164	61360	5.87	ug/l	97

384

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1217\D5675.D Vial: 4
Acq On : 17 Dec 2004 23:47 Operator: GARY
Sample : 0413153 Inst : GC/MS Ins
Misc : WATER 6513 NS-4W Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 10:43 2004 Quant Results File: VD61217.RE

Method : D:\D\METHODS\VD61217.M (RTE Integrator)
Title : VOA 624
Last Update : Thu Dec 23 11:05:52 2004
Response via : Initial Calibration



385

Data File : D:\M\DATA\DEC04\M1229\M7756.D Vial: 15
Acq On : 29 Dec 2004 11:36 Operator: GARY
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:42 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

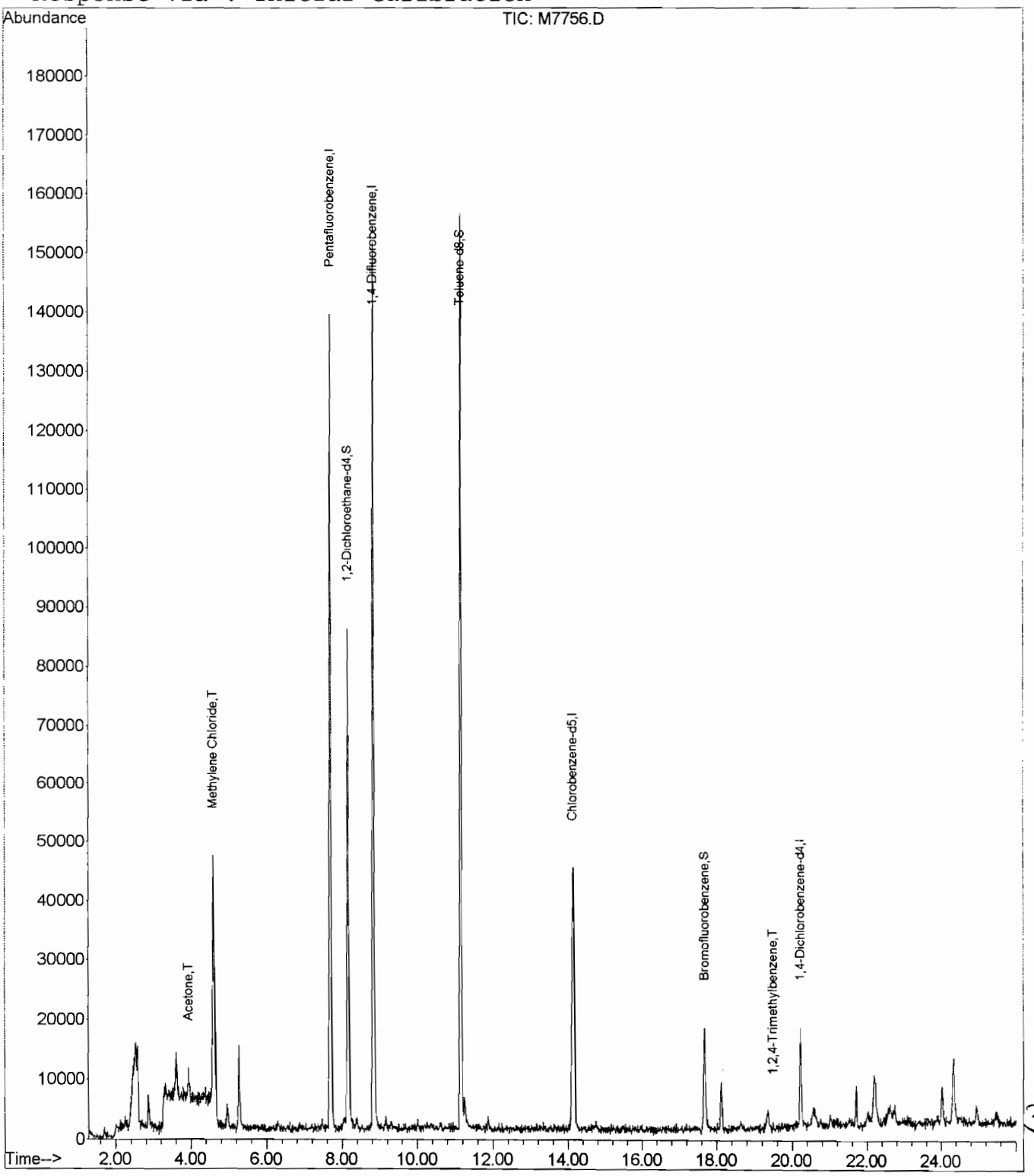
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	118977	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	173603	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	58607	50.00	ug/l	-0.01
55) 1,4-Dichlorobenzene-d4	20.22	152	7711	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.15	65	96682	64.39	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 128.78%#			
36) Toluene-d8	11.14	98	152688	36.77	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 73.54%#			
42) Bromofluorobenzene	17.67	95	14242	9.16	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 121		Recovery = 18.32%#			
Target Compounds						Qvalue
4) Acetone	3.94	43	7636	9.99	ug/l	83
13) Methylene Chloride	4.60	49	41539	14.60	ug/l	87
65) 1,2,4-Trimethylbenzene	19.49	105	554	1.27	ug/l	76

386

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7756.D Vial: 15
Acq On : 29 Dec 2004 11:36 Operator: GARY
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:42 2004 Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



337

Data File : D:\M\DATA\DEC04\M1229\M7764.D Vial: 13
Acq On : 29 Dec 2004 15:43 Operator: GARY
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:43 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

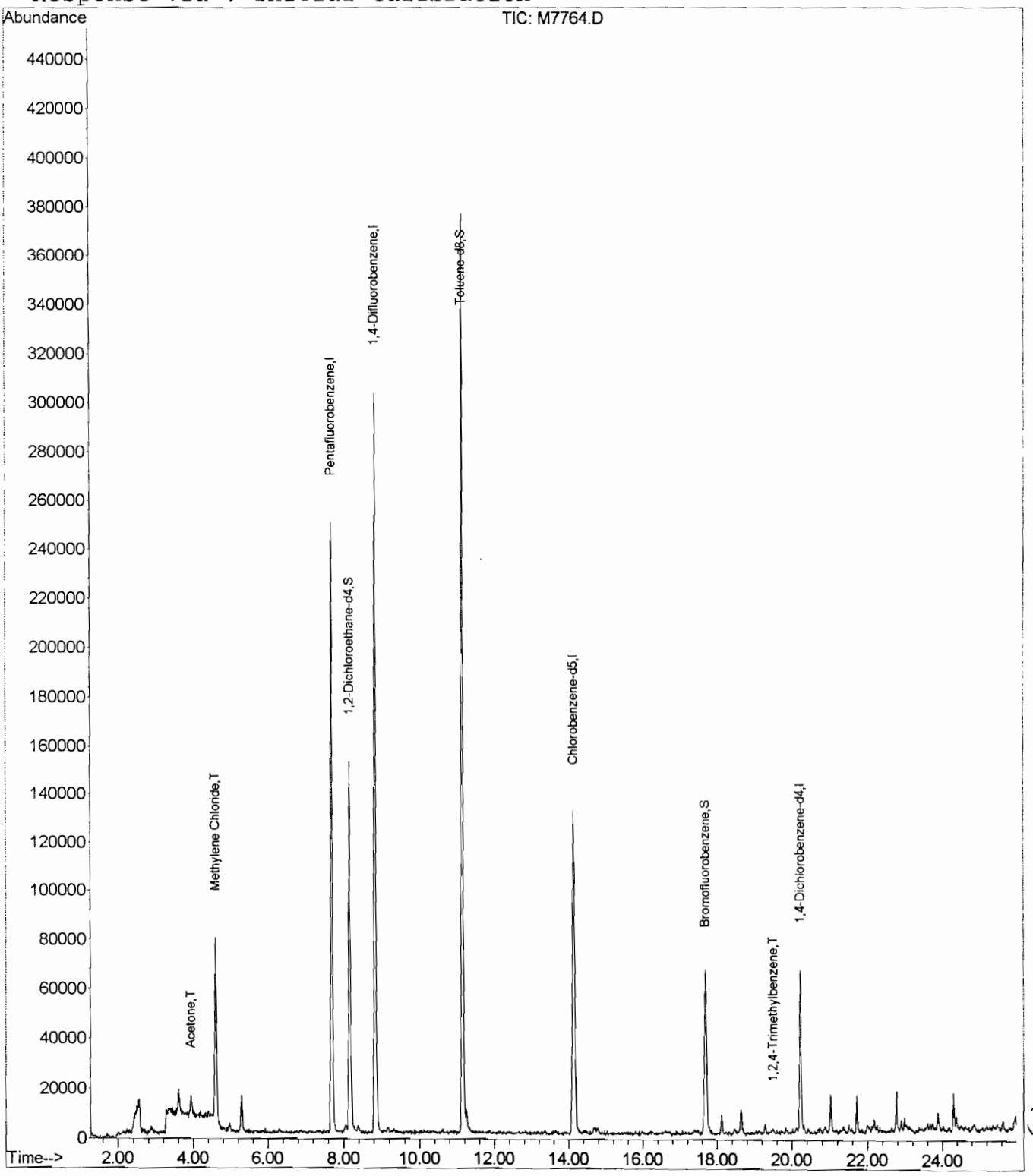
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	229081	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	363883	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	184127	50.00	ug/l	-0.01
55) 1,4-Dichlorobenzene-d4	20.22	152	32074	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.16	65	154155	48.98	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 97.96%			
36) Toluene-d8	11.14	98	383379	44.05	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 88.10%			
42) Bromofluorobenzene	17.67	95	56882	17.46	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 121		Recovery = 34.92%#			
Target Compounds						Qvalue
4) Acetone	3.93	43	12853	8.73	ug/l	82
13) Methylene Chloride	4.60	49	73094	13.34	ug/l	91
65) 1,2,4-Trimethylbenzene	19.50	105	2480	1.37	ug/l	87

388

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7764.D Vial: 13
Acq On : 29 Dec 2004 15:43 Operator: GARY
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:43 2004 Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



389

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1227\D5842.D Vial: 14
Acq On : 28 Dec 2004 00:01 Operator: GARY
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:43 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

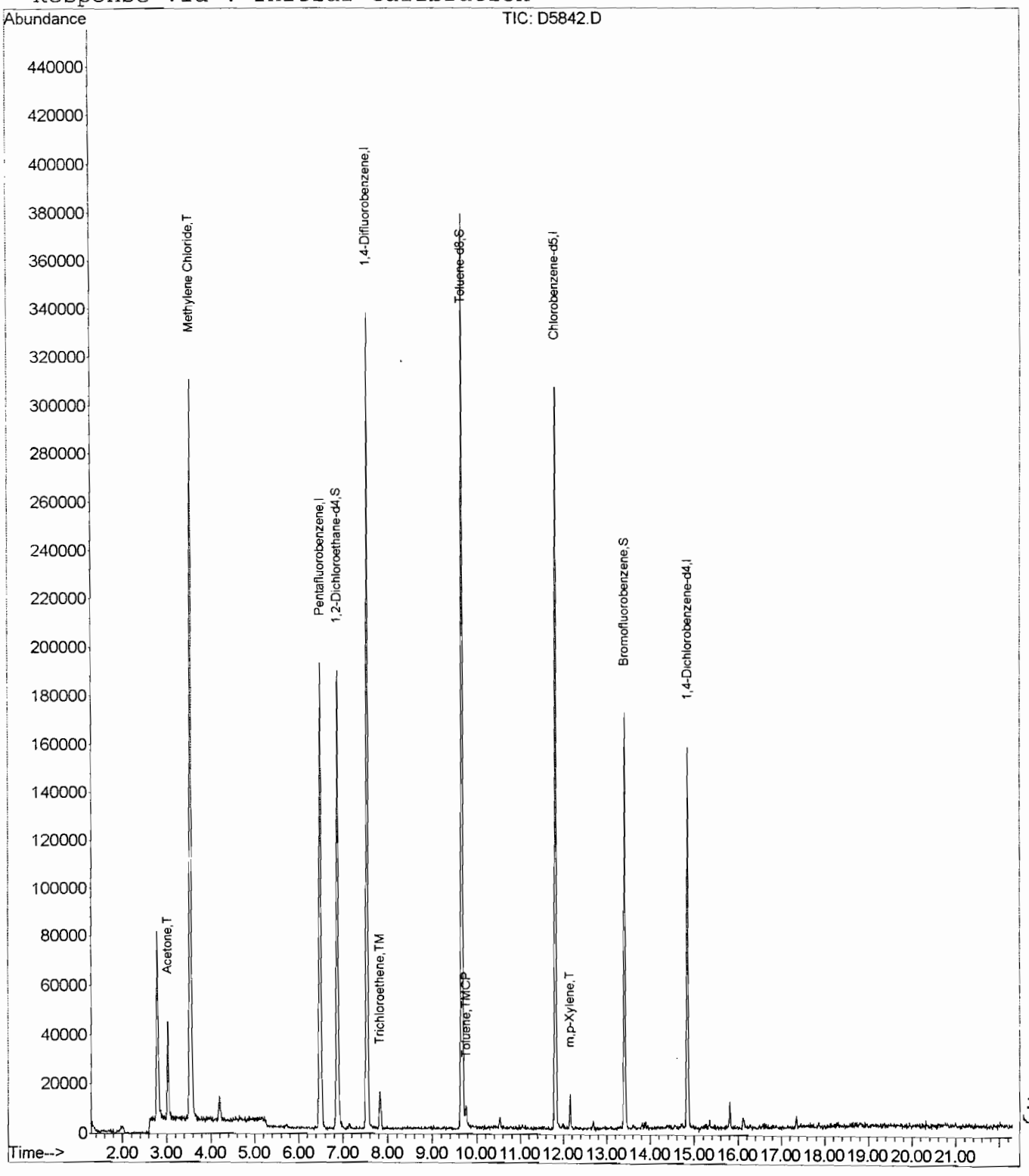
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.48	168	189639	50.00	ug/l	-0.04
24) 1,4-Difluorobenzene	7.53	114	372844	50.00	ug/l	-0.05
43) Chlorobenzene-d5	11.81	117	255158	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	60181	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.86	65	197162	63.73	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 127.46%#			
36) Toluene-d8	9.66	98	361622	49.91	ug/l	-0.06
Spiked Amount 50.000	Range 81 - 117		Recovery = 99.82%			
42) Bromofluorobenzene	13.40	95	83830	28.41	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 56.82%#			
Target Compounds						Qvalue
4) Acetone	3.03	43	61009	54.58	ug/l	98
13) Methylene Chloride	3.53	49	261830	74.50	ug/l	89
30) Trichloroethene	7.82	95	7149	2.82	ug/l #	80
37) Toluene	9.76	91	8772	1.01	ug/l	85
51) m,p-Xylene	12.15	91	10627	1.75	ug/l	85

390

(#) = qualifier out of range (m) = manual integration

Data File : D:\D\DATA\DEC04\D1227\D5842.D Vial: 14
Acq On : 28 Dec 2004 00:01 Operator: GARY
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 8:43 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



391

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7757.D Vial: 16
Acq On : 29 Dec 2004 12:08 Operator: GARY
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:44 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

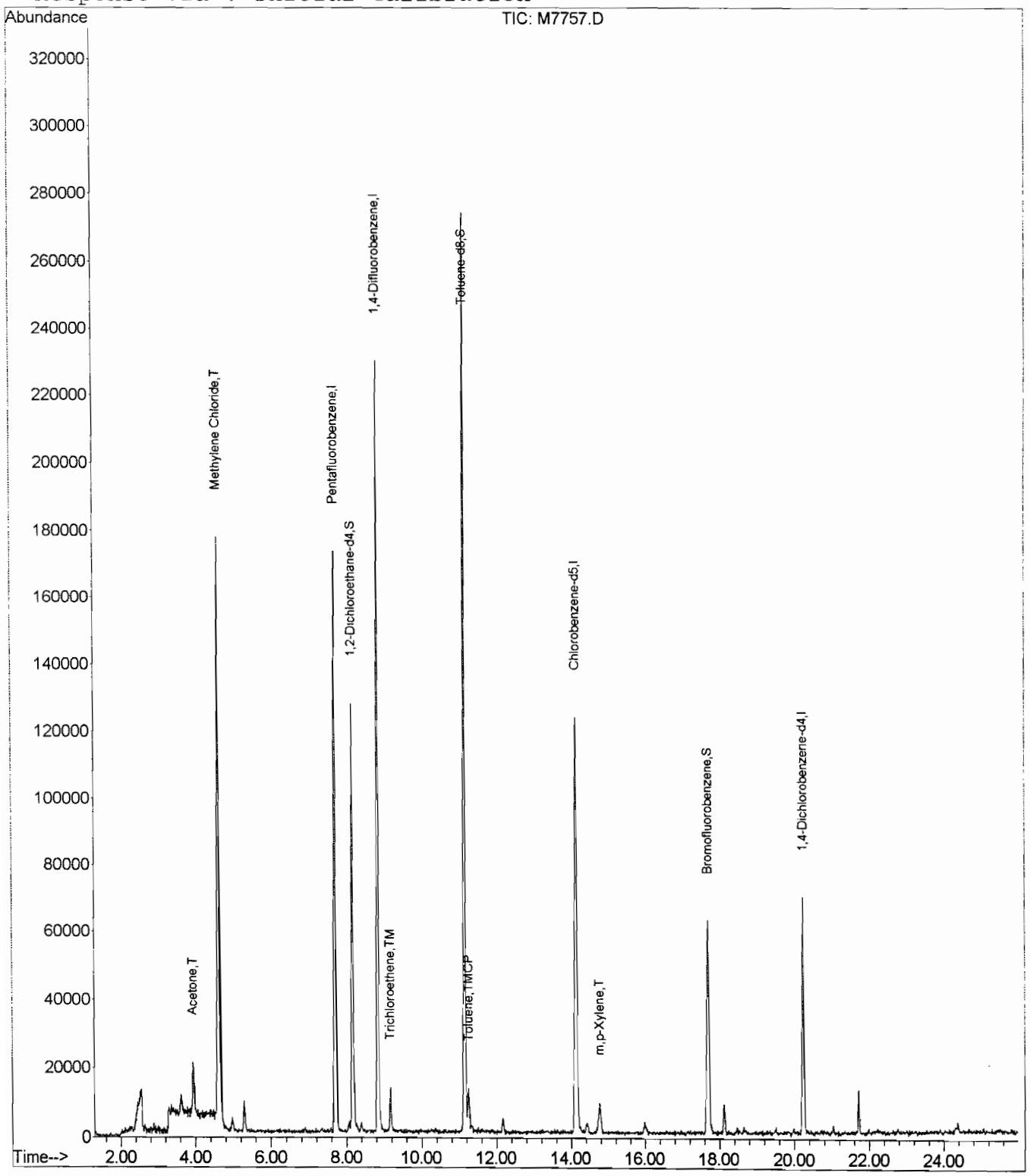
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	148338	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	257897	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	161246	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	20.22	152	32823	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.16	65	139570	62.57	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 125.14%#			
36) Toluene-d8	11.15	98	272976	44.26	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 88.52%			
42) Bromofluorobenzene	17.68	95	52020	22.53	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 45.06%#			
Target Compounds						Qvalue
4) Acetone	3.94	43	30496	31.99	ug/l	88
13) Methylene Chloride	4.61	49	175339	49.43	ug/l	88
30) Trichloroethene	9.17	95	6560	3.41	ug/l	89
37) Toluene	11.26	91	11975	1.60	ug/l	89
51) m,p-Xylene	14.77	91	11114	2.53	ug/l	95

392

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7757.D Vial: 16
Acq On : 29 Dec 2004 12:08 Operator: GARY
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:44 2004 Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



393

Quantitation Report (QT/LSC Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7765.D Vial: 14
Acq On : 29 Dec 2004 16:16 Operator: GARY
Sample : 0413156 Inst : GC/MS Ins
Misc : SOIL 6513 NS-7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:44 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	300363	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	558495	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.12	117	445279	50.00	ug/l	-0.01
55) 1,4-Dichlorobenzene-d4	20.22	152	159803	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.15	65	244485	50.61	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 101.22%			
36) Toluene-d8	11.14	98	662311	49.58	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 99.16%			
42) Bromofluorobenzene	17.68	95	197632	39.53	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 79.06%			
Target Compounds						Qvalue
4) Acetone	3.95	43	44525	23.07	ug/l	72
13) Methylene Chloride	4.60	49	99744	13.89	ug/l	94
18) 2-Butanone	6.87	43	4619	2.02	ug/l	75

394

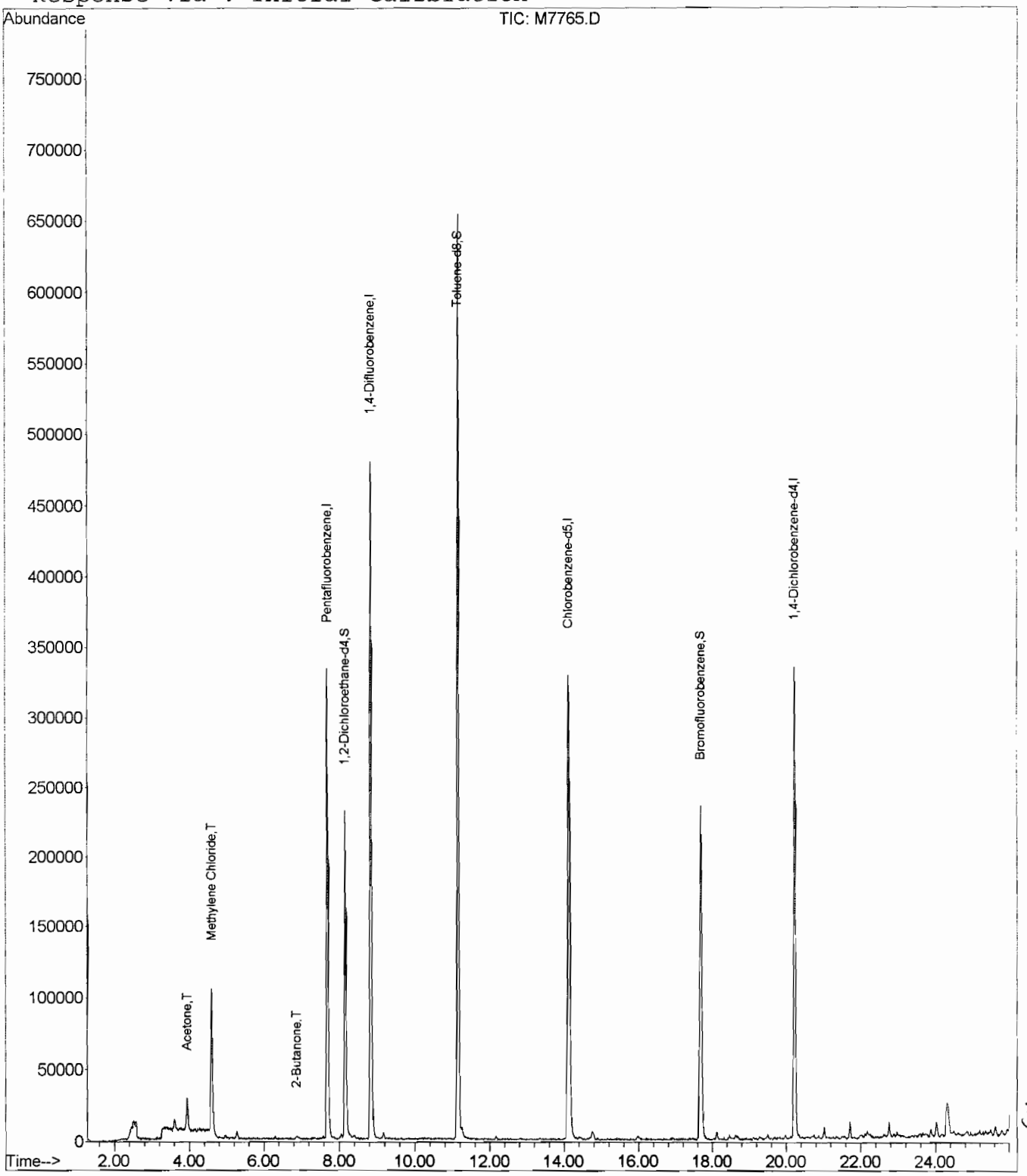
(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7765.D
Acq On : 29 Dec 2004 16:16
Sample : 0413156
Misc : SOIL 6513 NS-7
MS Integration Params: rteint.p
Quant Time: Dec 29 18:44 2004

Vial: 14
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



395

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7758.D Vial: 2
Acq On : 29 Dec 2004 12:42 Operator: GARY
Sample : 0413157 Inst : GC/MS Ins
Misc : SOIL 6513 NS-8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:45 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

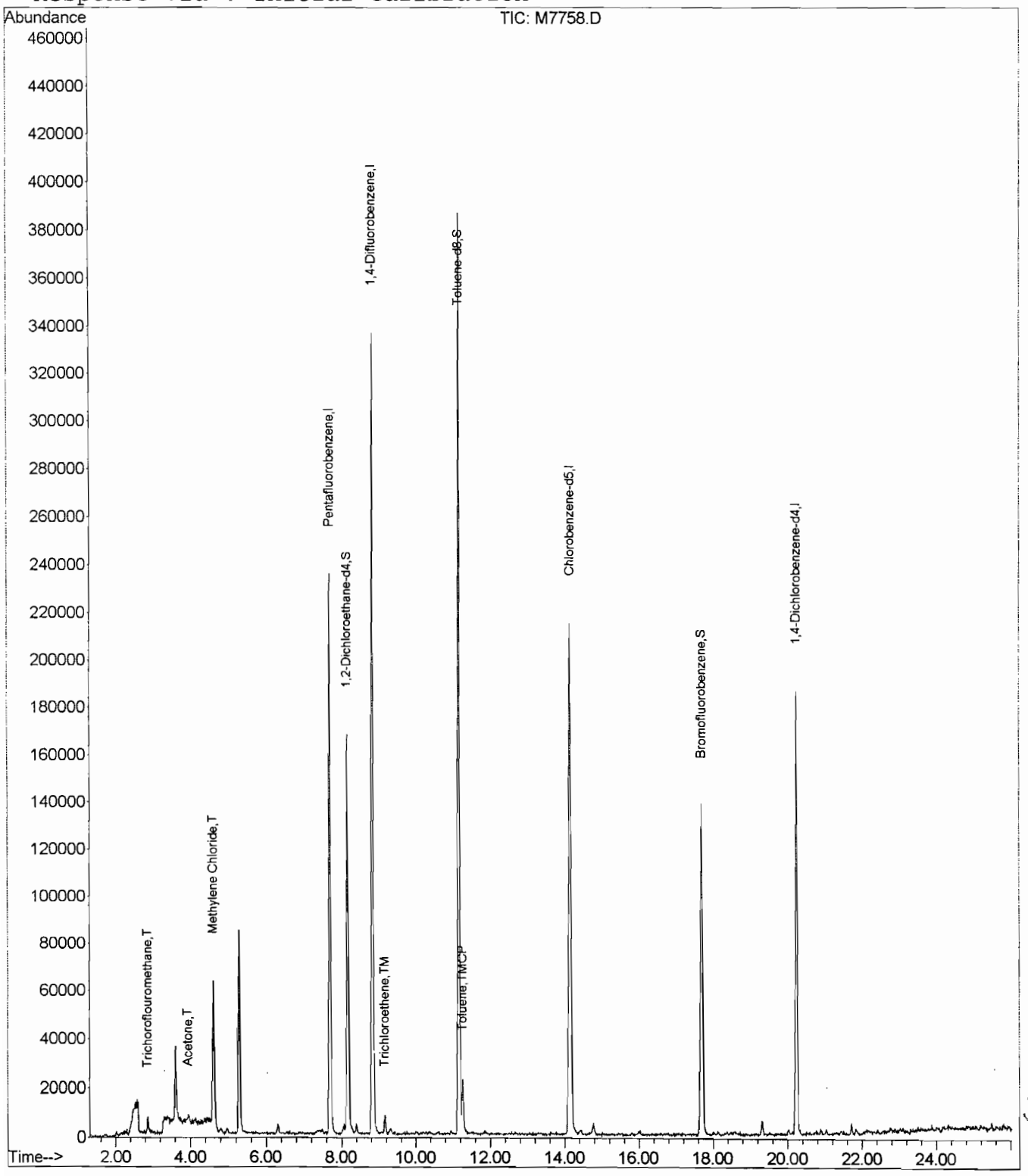
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	201165	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	377128	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	276180	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	20.22	152	87732	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.16	65	189261	58.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 116.06%			
36) Toluene-d8	11.14	98	380719	42.21	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 84.42%			
42) Bromofluorobenzene	17.69	95	112391	33.29	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 66.58%#			
Target Compounds						Qvalue
4) Acetone	3.95	43	5510	4.26	ug/l	79
10) Trichoroflouromethane	2.87	101	8578	2.72	ug/l	95
13) Methylene Chloride	4.60	49	59628	12.40	ug/l	88
30) Trichloroethene	9.17	95	3778	1.34	ug/l #	79
37) Toluene	11.26	91	21202	1.93	ug/l	98

3916

(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\DEC04\M1229\M7758.D Vial: 2
Acq On : 29 Dec 2004 12:42 Operator: GARY
Sample : 0413157 Inst : GC/MS Ins
Misc : SOIL 6513 NS-8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:45 2004 Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



397

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7766.D Vial: 15
Acq On : 29 Dec 2004 16:50 Operator: GARY
Sample : 0413157 Inst : GC/MS Ins
Misc : SOIL 6513 NS-8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:46 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	25432	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	53002	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.13	117	33901	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	20.23	152	9725	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.14	65	31079	67.80	ug/l	-0.01
Spiked Amount 50.000	Range 70 - 121		Recovery = 135.60%#			
36) Toluene-d8	11.14	98	50563	39.89	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 79.78%#			
42) Bromofluorobenzene	17.69	95	14721	31.03	ug/l	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 62.06%#			
Target Compounds						Qvalue
4) Acetone	3.93	43	2571	15.73	ug/l	63
10) Trichoroflouromethane	2.90	101	835	2.09	ug/l	95
13) Methylene Chloride	4.60	49	11729	19.29	ug/l	82
30) Trichloroethene	9.16	95	531	1.34	ug/l #	79
37) Toluene	11.26	91	4789	3.10	ug/l	94

398

(#) = qualifier out of range (m) = manual integration

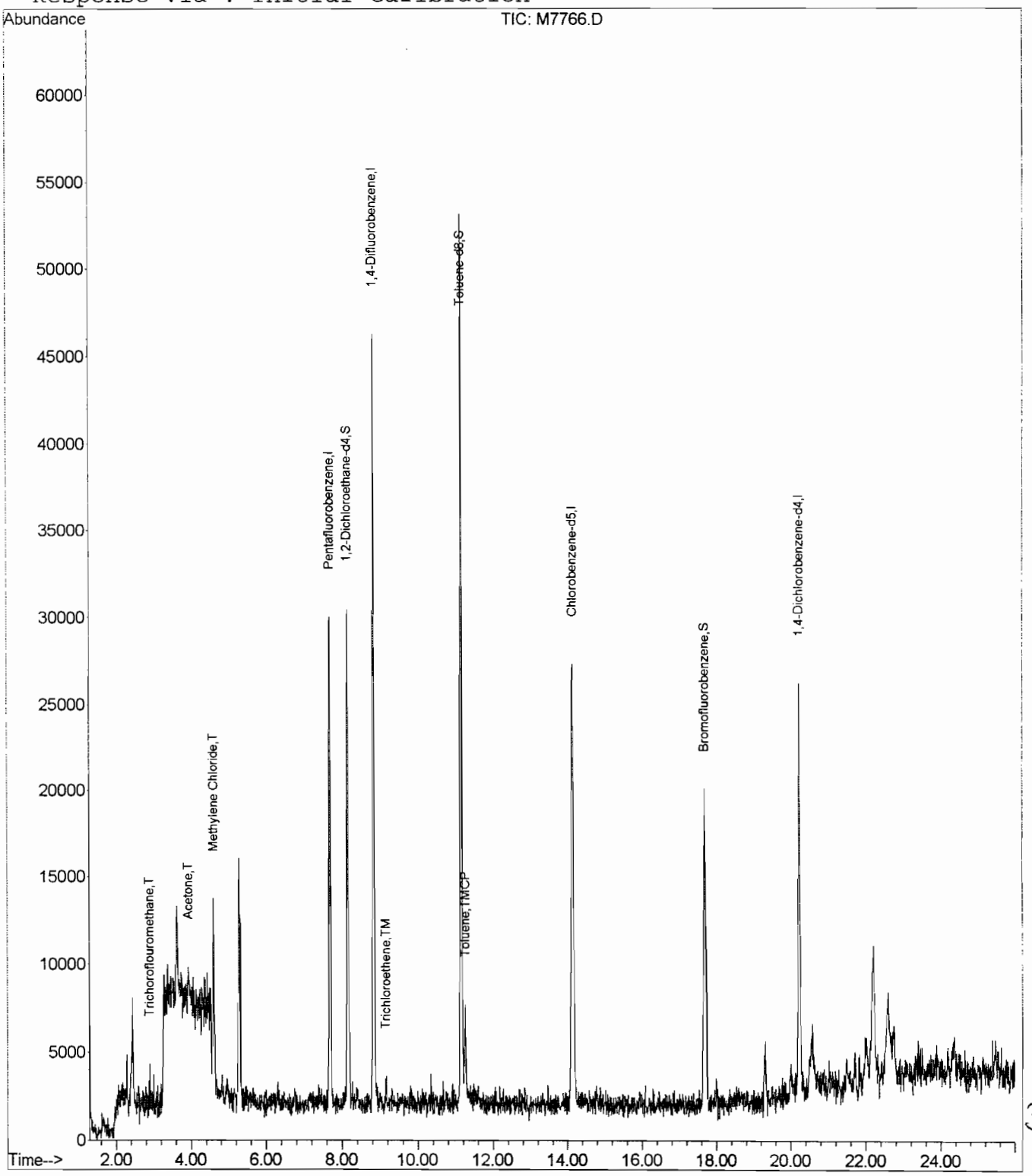
Quantitation Report

Data File : D:\M\DATA\DEC04\M1229\M7766.D
Acq On : 29 Dec 2004 16:50
Sample : 0413157
Misc : SOIL 6513 NS-8
MS Integration Params: rteint.p
Quant Time: Dec 29 18:46 2004

Vial: 15
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



399

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1228\D5849.D Vial: 10
Acq On : 28 Dec 2004 12:17 Operator: GARY
Sample : 0413158 Inst : GC/MS Ins
Misc : SOIL 6513 NS-9 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:41 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.50	168	284211	50.00	ug/l	-0.03
24) 1,4-Difluorobenzene	7.53	114	595378	50.00	ug/l	-0.05
43) Chlorobenzene-d5	11.81	117	431914	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	140115	50.00	ug/l	-0.06
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	277185	56.11	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 112.22%			
36) Toluene-d8	9.66	98	521145	45.04	ug/l	-0.07
Spiked Amount 50.000	Range 81 - 117		Recovery = 90.08%			
42) Bromofluorobenzene	13.40	95	170536	36.19	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 72.38%#			
Target Compounds						Qvalue
4) Acetone	3.06	43	44790	26.74	ug/l	92
13) Methylene Chloride	3.58	49	57384	10.89	ug/l	97
53) Styrene	12.73	104	46527	5.28	ug/l	96

400

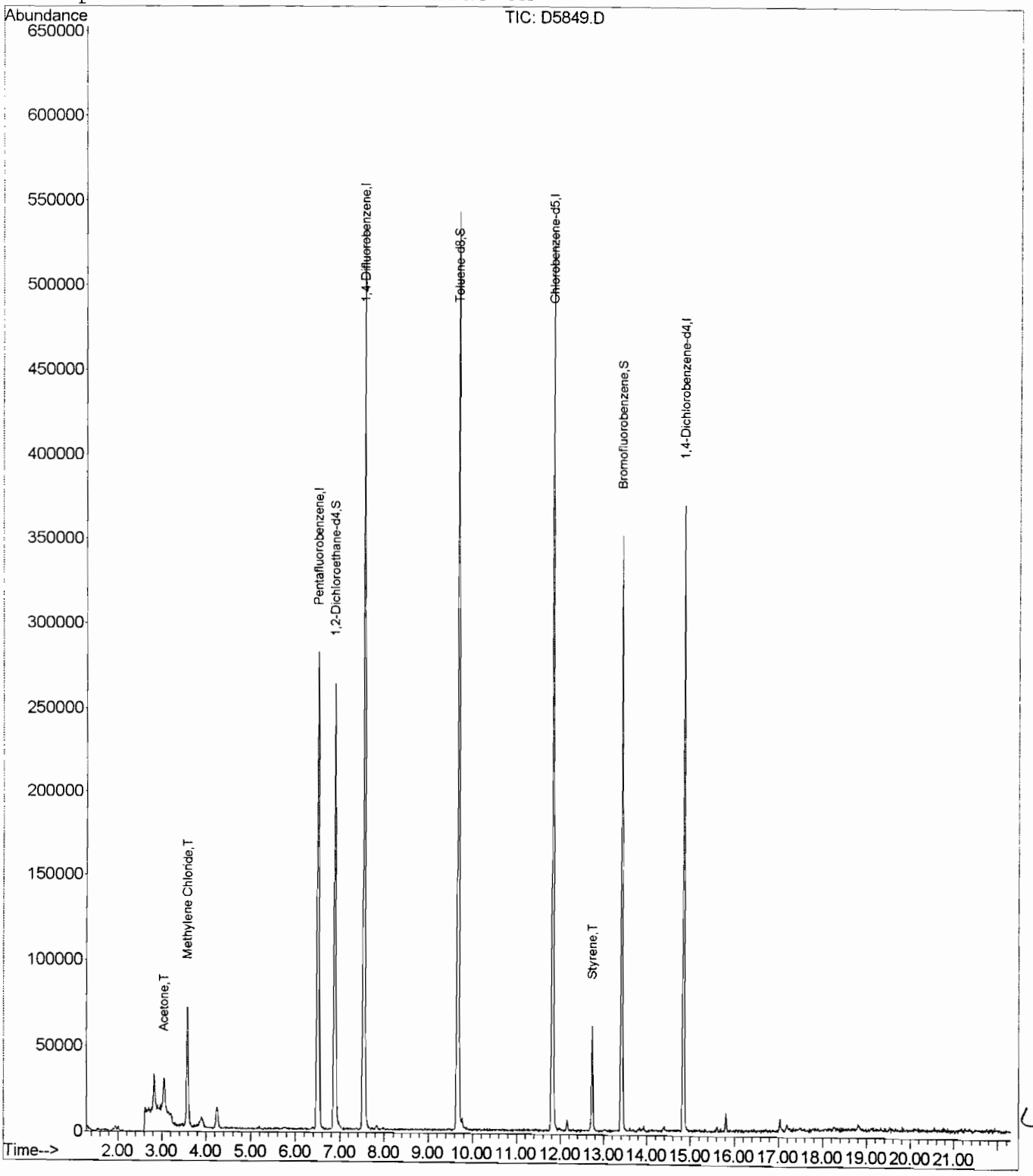
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\D\DATA\DEC04\D1228\D5849.D
Acq On : 28 Dec 2004 12:17
Sample : 0413158
Misc : SOIL 6513 NS-9
MS Integration Params: rteint.p
Quant Time: Dec 28 15:41 2004

Vial: 10
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



401

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\DEC04\M1229\M7754.D Vial: 13
Acq On : 29 Dec 2004 10:29 Operator: GARY
Sample : 0413158 Inst : GC/MS Ins
Misc : SOIL 6513 NS-9 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 29 18:47 2004 Quant Results File: VM8S1227.RES

Quant Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration
DataAcq Meth : VM8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.69	168	276249	50.00	ug/l	0.00
24) 1,4-Difluorobenzene	8.83	114	510497	50.00	ug/l	0.00
43) Chlorobenzene-d5	14.12	117	400433	50.00	ug/l	-0.01
55) 1,4-Dichlorobenzene-d4	20.22	152	137491	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.15	65	234065	53.01	ug/l	0.00
Spiked Amount 50.000	Range 70 - 121		Recovery = 106.02%			
36) Toluene-d8	11.14	98	544636	44.61	ug/l	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 89.22%			
42) Bromofluorobenzene	17.68	95	167677	36.69	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 121		Recovery = 73.38%#			
Target Compounds						Qvalue
4) Acetone	3.93	43	44765	25.22	ug/l	75
13) Methylene Chloride	4.60	49	96476	14.60	ug/l	86
53) Styrene	16.09	104	29585m	3.41	ug/l	

402

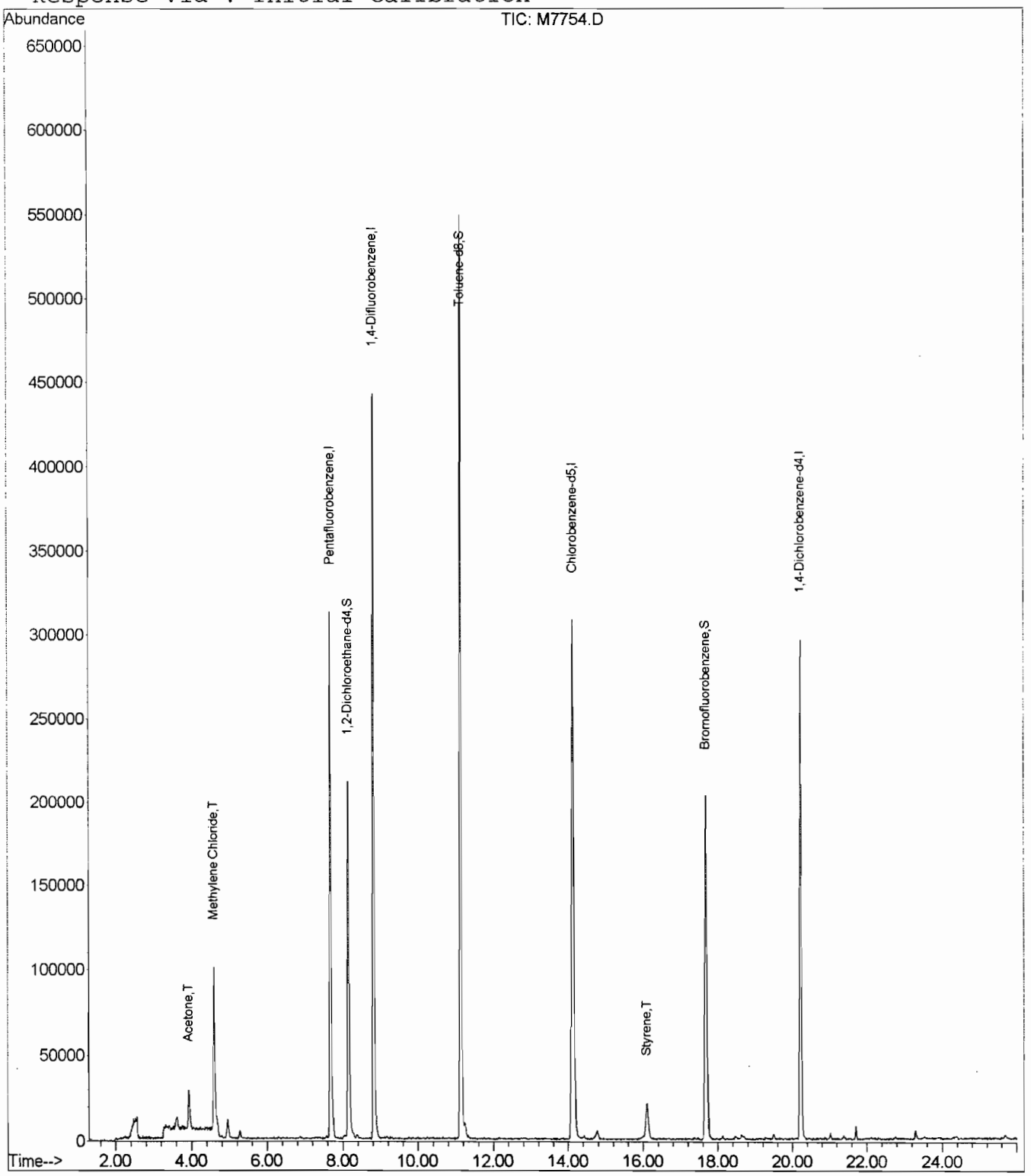
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\DEC04\M1229\M7754.D
Acq On : 29 Dec 2004 10:29
Sample : 0413158
Misc : SOIL 6513 NS-9
MS Integration Params: rteint.p
Quant Time: Dec 29 18:47 2004

Vial: 13
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8S1227.R

Method : D:\M\METHODS\VM8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 13:51:04 2004
Response via : Initial Calibration



403

Quantitation Report (QT Reviewed)

Data File : D:\D\DATA\DEC04\D1228\D5850.D Vial: 11
Acq On : 28 Dec 2004 12:51 Operator: GARY
Sample : 0413159 Inst : GC/MS Ins
Misc : SOIL 6513 NS-10 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:43 2004 Quant Results File: VD8S1227.RES

Quant Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration
DataAcq Meth : VD8S1227

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.50	168	317272	50.00	ug/l	-0.02
24) 1,4-Difluorobenzene	7.54	114	651596	50.00	ug/l	-0.04
43) Chlorobenzene-d5	11.81	117	501673	50.00	ug/l	-0.05
55) 1,4-Dichlorobenzene-d4	14.84	152	175053	50.00	ug/l	-0.05
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	6.87	65	293874	54.36	ug/l	-0.05
Spiked Amount 50.000	Range 70 - 121		Recovery = 108.72%			
36) Toluene-d8	9.66	98	599427	47.34	ug/l	-0.07
Spiked Amount 50.000	Range 81 - 117		Recovery = 94.68%			
42) Bromofluorobenzene	13.40	95	205496	39.85	ug/l	-0.05
Spiked Amount 50.000	Range 74 - 121		Recovery = 79.70%			
Target Compounds						Qvalue
4) Acetone	3.06	43	191874	102.60	ug/l	91
12) Carbon disulfide	3.07	76	27984	2.36	ug/l #	36
13) Methylene Chloride	3.58	49	58256	9.91	ug/l	91
18) 2-Butanone	5.73	43	10063	4.90	ug/l	86
37) Toluene	9.76	91	35200	2.32	ug/l	98
51) m,p-Xylene	12.15	91	11901	1.00	ug/l	96
53) Styrene	12.72	104	165318	16.16	ug/l	99
65) 1,2,4-Trimethylbenzene	14.40	105	20733	2.30	ug/l	88
67) p-Isopropyltoluene	14.77	119	18376	1.74	ug/l	96
68) 1,3-Dichlorobenzene	14.87	146	462273	84.98	ug/l	100

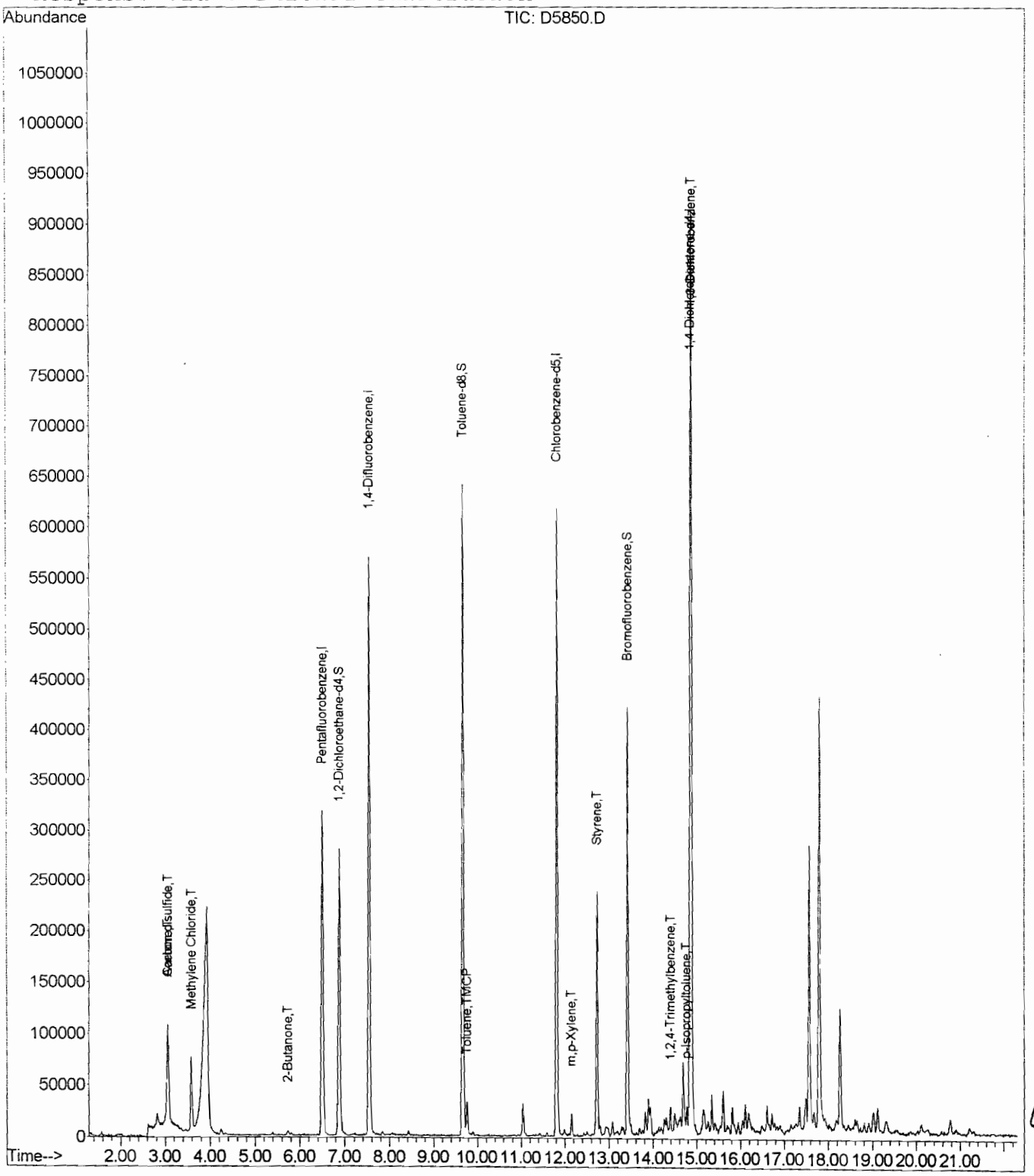
404

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\D\DATA\DEC04\D1228\D5850.D Vial: 11
Acq On : 28 Dec 2004 12:51 Operator: GARY
Sample : 0413159 Inst : GC/MS Ins
Misc : SOIL 6513 NS-10 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 28 15:43 2004 Quant Results File: VD8S1227.R

Method : D:\D\METHODS\VD8S1227.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Mon Dec 27 11:49:11 2004
Response via : Initial Calibration



405

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1220\E8026.D Vial: 3
Acq On : 20 Dec 2004 17:30 Operator: JOSE
Sample : SBLK56 Inst : GC/MS Ins
Misc : SOIL 12/20/04 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 21 8:32 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Mon Dec 20 15:58:15 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.07	152	149688	40.00	ul/l	-0.03
19) Naphthalene-d8	13.28	136	661522	40.00	ul/l	-0.04
34) Acenaphthene-d10	17.80	164	372331	40.00	ul/l	-0.04
55) Phenanthrene-d10	21.53	188	593678	40.00	ul/l	-0.04
68) Chrysene-d12	28.29	240	451958	40.00	ul/l	-0.06
77) Perylene-d12	31.68	264	339845	40.00	ul/l	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	7.13	112	529152	103.61	ul/l	0.04
Spiked Amount 200.000	Range 25 - 121		Recovery = 51.81%			
6) Phenol-d5	9.49	99	760645	115.47	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 57.73%			
20) Nitrobenzene-d5	11.56	82	509395	62.51	ul/l	-0.03
Spiked Amount 100.000	Range 23 - 120		Recovery = 62.51%			
38) 2-Fluorobiphenyl	16.14	172	768701	68.63	ul/l	-0.03
Spiked Amount 100.000	Range 30 - 115		Recovery = 68.63%			
54) 2,4,6-Tribromophenol	19.84	330	115917	110.06	ul/l	-0.04
Spiked Amount 200.000	Range 19 - 122		Recovery = 55.03%			
71) Terphenyl-d14	25.69	244	894598	79.83	ul/l	-0.02
Spiked Amount 100.000	Range 18 - 137		Recovery = 79.83%			
Target Compounds						Qvalue

406

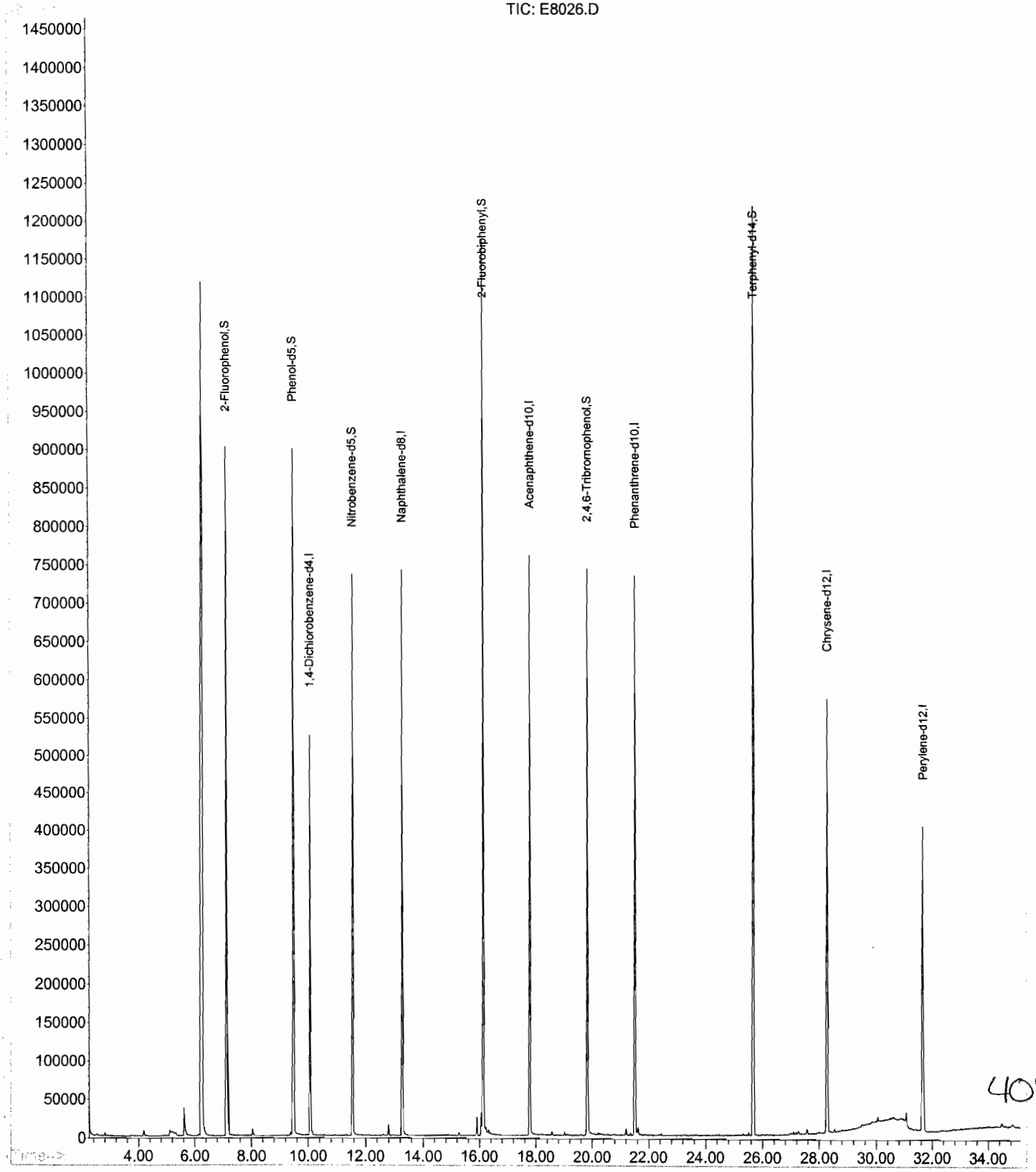
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1220\E8026.D Vial: 3
Acq On : 20 Dec 2004 17:30 Operator: JOSE
Sample : SBLK56 Inst : GC/MS Ins
Misc : SOIL 12/20/04 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 21 8:32 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8026.D



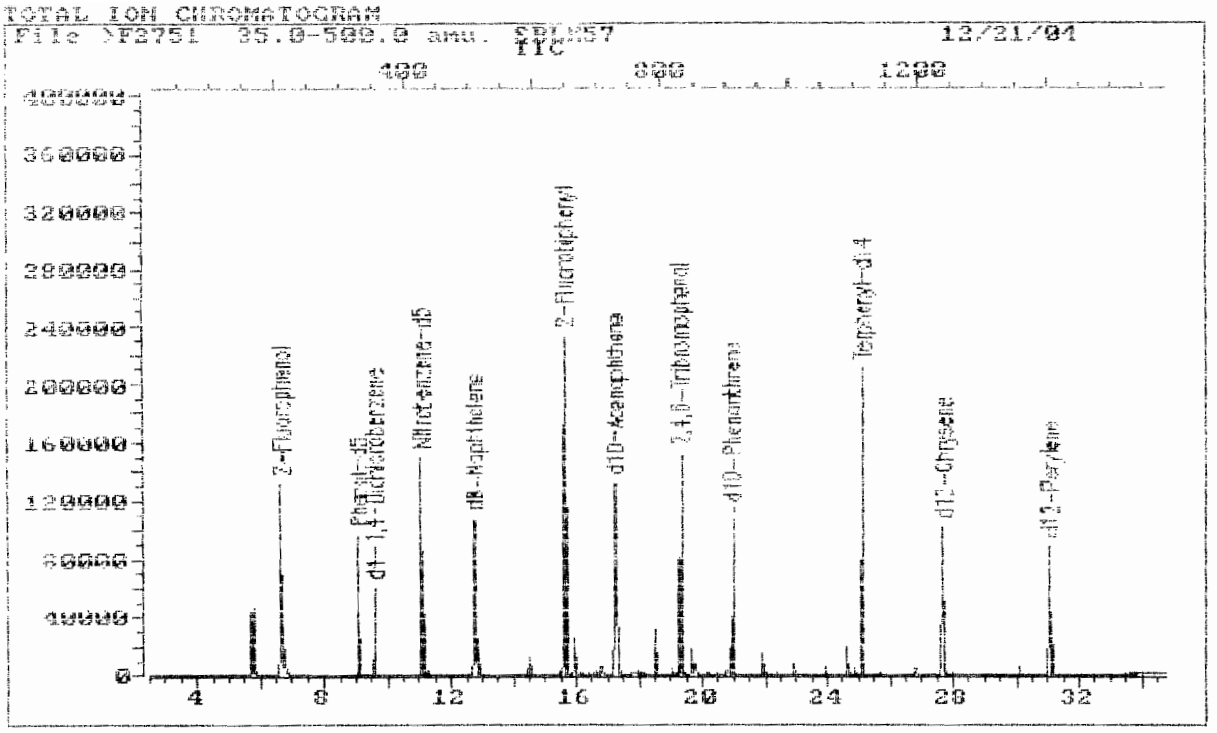
407

Operator ID: JOSE Quant Rev: 7 Quant Time: 041221 16:36
Output File: ^F2751::QT Injected at: 041221 16:01
Data File: >F2751::F2 Dilution Factor: 1.00000
Name: SBLK57 Instrument ID: AHP5970B
Misc: 12/21/04 BTL# 2

ID File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	9.57	349	25576	40.00	ug/l	96
4)	2-Fluorophenol	6.66	206	75479	86.06	ug/l	100
6)	Phenol-d5	9.06	324	67066	57.04	ug/l	88
19)	*d8-Naphthalene	12.77	506	109016	40.00	ug/l	93
20)	Nitrobenzene-d5	11.08	423	105833	83.69	ug/l	86
34)	*d10-Acenaphthene	17.23	725	65236	40.00	ug/l	98
39)	2-Fluorobiphenyl	15.62	646	179477	91.43	ug/l	95
54)	2,4,6-Tribromophenol	19.29	826	39483	153.03	ug/l	97
55)	*d10-Phenanthrene	20.94	907	119964	40.00	ug/l	100
68)	*d12-Chrysene	27.68	1238	99204	40.00	ug/l	100
71)	Terphenyl-d14	25.11	1112	205566	88.15	ug/l	92
77)	*d12-Perylene	31.06	1404	91208	40.00	ug/l	100

* Compound is ISTD



Data File: >F2751::F2 Quant Output File: ^F2751::QT
Name: SBLK57 Instrument ID: AHP5970B
Misc: 12/21/04 BTL# 2

Id File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

Operator ID: JOSE
Quant Time : 041221 16:36
Injected at: 041221 16:01

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8067.D Vial: 6
Acq On : 22 Dec 2004 20:40 Operator: JOSE
Sample : 0413148 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:40 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.01	152	216233	40.00	ul/l	0.00
19) Naphthalene-d8	13.21	136	924429	40.00	ul/l	-0.02
34) Acenaphthene-d10	17.73	164	461709	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.47	188	616491	40.00	ul/l	0.00
68) Chrysene-d12	28.25	240	403982	40.00	ul/l	0.00
77) Perylene-d12	31.63	264	356406	40.00	ul/l	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	7.09	112	2311	0.31	ul/l	0.05
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.16%#		
6) Phenol-d5	9.43	99	3954	0.42	ul/l	-0.02
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.21%#		
20) Nitrobenzene-d5	11.51	82	644396	56.58	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	56.58%		
38) 2-Fluorobiphenyl	16.08	172	926663	66.72	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery =	66.72%		
54) 2,4,6-Tribromophenol	19.76	330	371	0.28	ul/l	-0.04
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.14%#		
71) Terphenyl-d14	25.64	244	684216	68.31	ul/l	0.01
Spiked Amount 100.000	Range 18 - 137		Recovery =	68.31%		
Target Compounds						Qvalue
29) Naphthalene	13.26	128	34825	1.51	ul/l	99
44) Acenaphthene	17.80	153	30297	2.28	ul/l	97
47) Dibenzofuran	18.21	168	23638	1.36	ul/l	65
52) Fluorene	19.07	166	33393	2.20	ul/l	98
64) Phenanthrene	21.52	178	324572	19.54	ul/l	99
65) Anthracene	21.62	178	77401	4.67	ul/l	91
67) Fluoranthene	24.57	202	350561	20.29	ul/l	97
70) Pyrene	25.12	202	304786	20.80	ul/l	94
74) Benzo[a]anthracene	28.19	228	130549	9.81	ul/l	91
76) Chrysene	28.30	228	124322	11.00	ul/l	93
79) Benzo[b]fluoranthene	30.77	252	88259m	6.36	ul/l	
80) Benzo[k]fluoranthene	30.80	252	86070m	7.69	ul/l	
81) Benzo[a]pyrene	31.47	252	92911	7.93	ul/l	93
82) Indeno[1,2,3-cd]pyrene	33.72	276	44506	3.64	ul/l	88
83) Dibenz[a,h]anthracene	33.73	278	19321	1.90	ul/l	86
84) Benzo[g,h,i]perylene	34.25	276	35489	3.71	ul/l	95

410

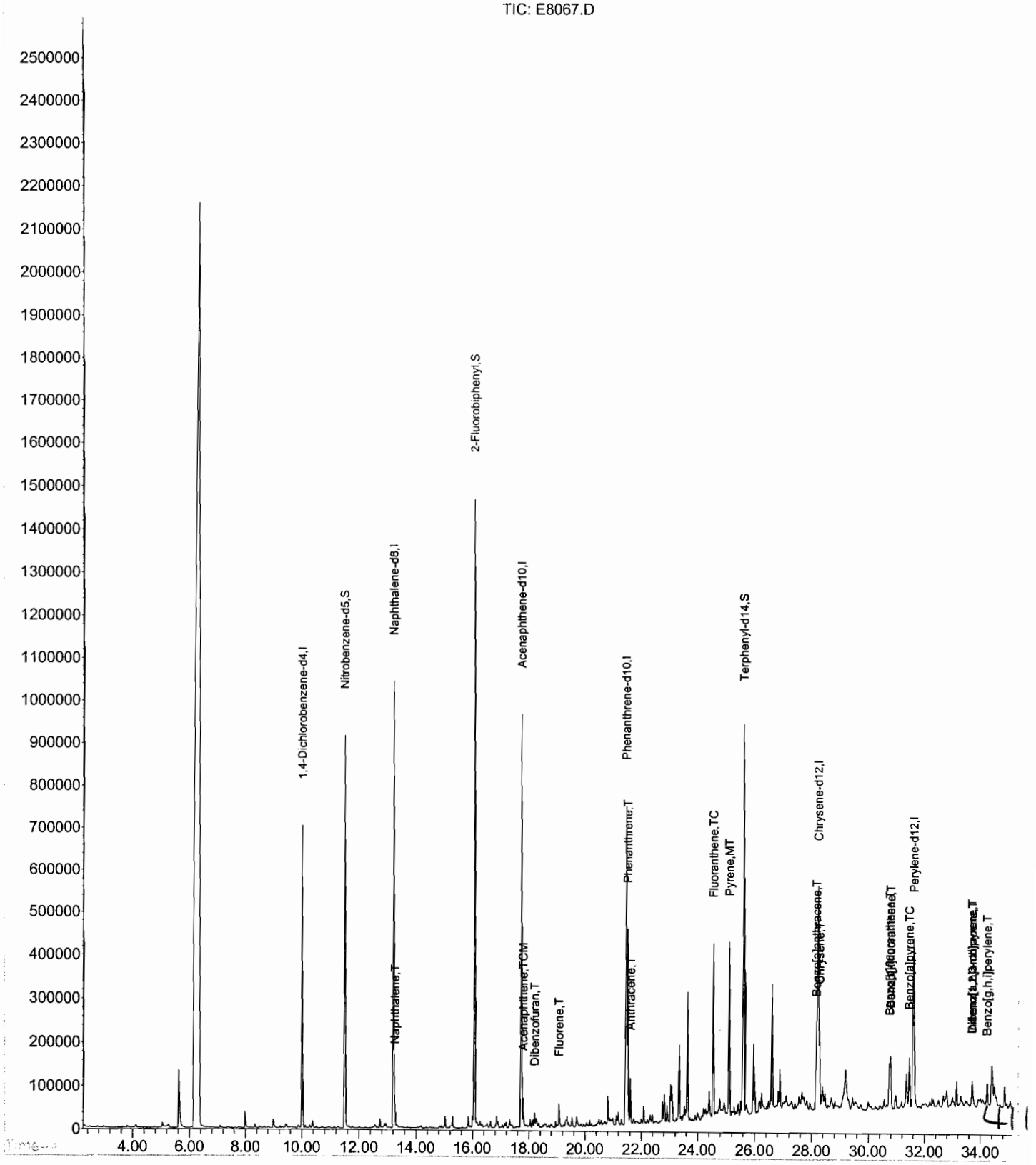
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8067.D Vial: 6
Acq On : 22 Dec 2004 20:40 Operator: JOSE
Sample : 0413148 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-1S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:40 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8067.D

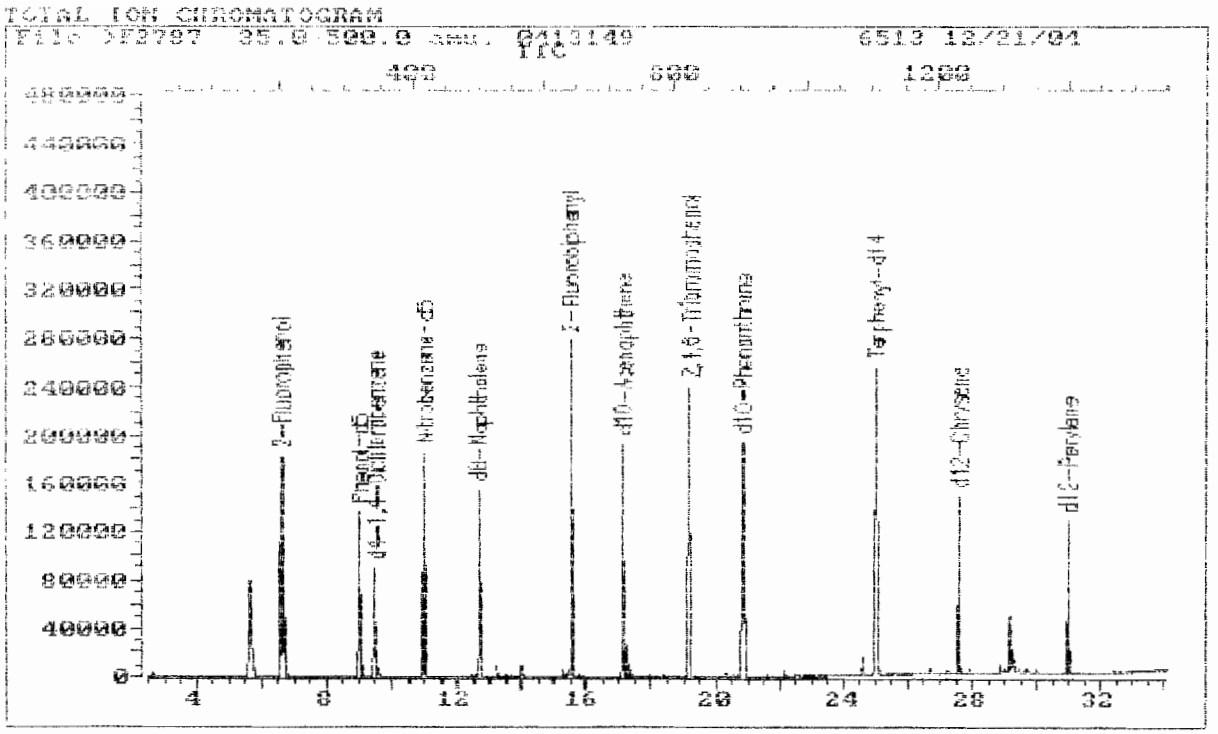


Operator ID: JOSE Quant Rev: 7 Quant Time: 041223 00:44
Output File: ^F2787::QT Injected at: 041223 00:09
Data File: >F2787::F2 Dilution Factor: 1.00000
Name: 0413149 Instrument ID: AHP5970B
Misc: 6513 12/21/04 RTPEA NS-1W BTL#12

ID File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	9.47	344	36304	40.00	ug/l	95
4)	2-Fluorophenol	6.57	202	114821	92.23	ug/l	100
6)	Phenol-d5	8.98	320	108599	65.07	ug/l	85
19)	*d8-Naphthalene	12.64	500	146278	40.00	ug/l	97
20)	Nitrobenzene-d5	10.97	418	138246	81.47	ug/l	85
34)	*d10-Acenaphthene	17.13	720	93617	40.00	ug/l	97
39)	2-Fluorobiphenyl	15.50	640	239932	85.17	ug/l	96
54)	2,4,6-Tribromophenol	19.18	821	74534	201.30	ug/l	98
55)	*d10-Phenanthrene	20.84	902	178128	40.00	ug/l	100
68)	*d12-Chrysene	27.56	1232	147475	40.00	ug/l	100
71)	Terphenyl-d14	24.99	1106	297728	85.88	ug/l	91
77)	*d12-Perylene	30.95	1398	138548	40.00	ug/l	100

* Compound is ISTD



Data File: >F2787::F2 Quant Output File: ^F2787::QT
Name: 0413149 Instrument ID: AHP5970B
Misc: 6513 12/21/04 RTPEA NS-1W BTL#12

Id File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

Operator ID: JOSE
Quant Time : 041223 00:44
Injected at: 041223 00:09

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8075.D Vial: 14
Acq On : 23 Dec 2004 2:34 Operator: JOSE
Sample : 0413150 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:55 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.02	152	133953	40.00	ul/l	0.00
19) Naphthalene-d8	13.22	136	586227	40.00	ul/l	-0.01
34) Acenaphthene-d10	17.74	164	324944	40.00	ul/l	-0.01
55) Phenanthrene-d10	21.51	188	479427	40.00	ul/l	0.03
68) Chrysene-d12	28.37	240	354317	40.00	ul/l	0.11
77) Perylene-d12	31.72	264	130335	40.00	ul/l	0.08
System Monitoring Compounds						
4) 2-Fluorophenol	7.10	112	405	0.09	ul/l	0.06
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.04%#			
6) Phenol-d5	9.45	99	1110	0.19	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.10%#			
20) Nitrobenzene-d5	11.52	82	480128	66.48	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 66.48%			
38) 2-Fluorobiphenyl	16.09	172	643016	65.78	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 65.78%			
54) 2,4,6-Tribromophenol	19.78	330	54	0.06	ul/l	-0.02
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.03%#			
71) Terphenyl-d14	25.69	244	615186	70.02	ul/l	0.06
Spiked Amount 100.000	Range 18 - 137		Recovery = 70.02%			
Target Compounds						Qvalue
16) 3&4-Methylphenol	11.29	108	5428	1.18	ul/l	96
29) Naphthalene	13.28	128	177353	12.15	ul/l	97
33) 2-Methylnaphthalene	15.03	142	62852	5.87	ul/l	98
42) Acenaphthylene	17.34	152	154449	9.66	ul/l	99
44) Acenaphthene	17.83	153	192162	20.57	ul/l	98
47) Dibenzofuran	18.23	168	173539	14.14	ul/l #	48
52) Fluorene	19.10	166	233006	21.81	ul/l	96
64) Phenanthrene	21.61	178	3712542	287.38	ul/l	100
65) Anthracene	21.69	178	680553	52.85	ul/l	94
67) Fluoranthene	24.71	202	4972978	370.14	ul/l	86
70) Pyrene	25.27	202	4332747	337.11	ul/l	87
74) Benzo[a]anthracene	28.33	228	1613833	138.22	ul/l	92
75) bis(2-Ethylhexyl)phthalate	28.55	149	81578	6.98	ul/l	97
76) Chrysene	28.45	228	1620171	163.43	ul/l	94
79) Benzo[b]fluoranthene	30.94	252	1008942m	198.96	ul/l	
80) Benzo[k]fluoranthene	30.95	252	454545m	111.11	ul/l	
81) Benzo[a]pyrene	31.62	252	565445	131.97	ul/l	90
82) Indeno[1,2,3-cd]pyrene	33.82	276	126615	28.28	ul/l	88
83) Dibenz[a,h]anthracene	33.82	278	53338	14.32	ul/l	97
84) Benzo[g,h,i]perylene	34.35	276	82518	23.58	ul/l	94

414

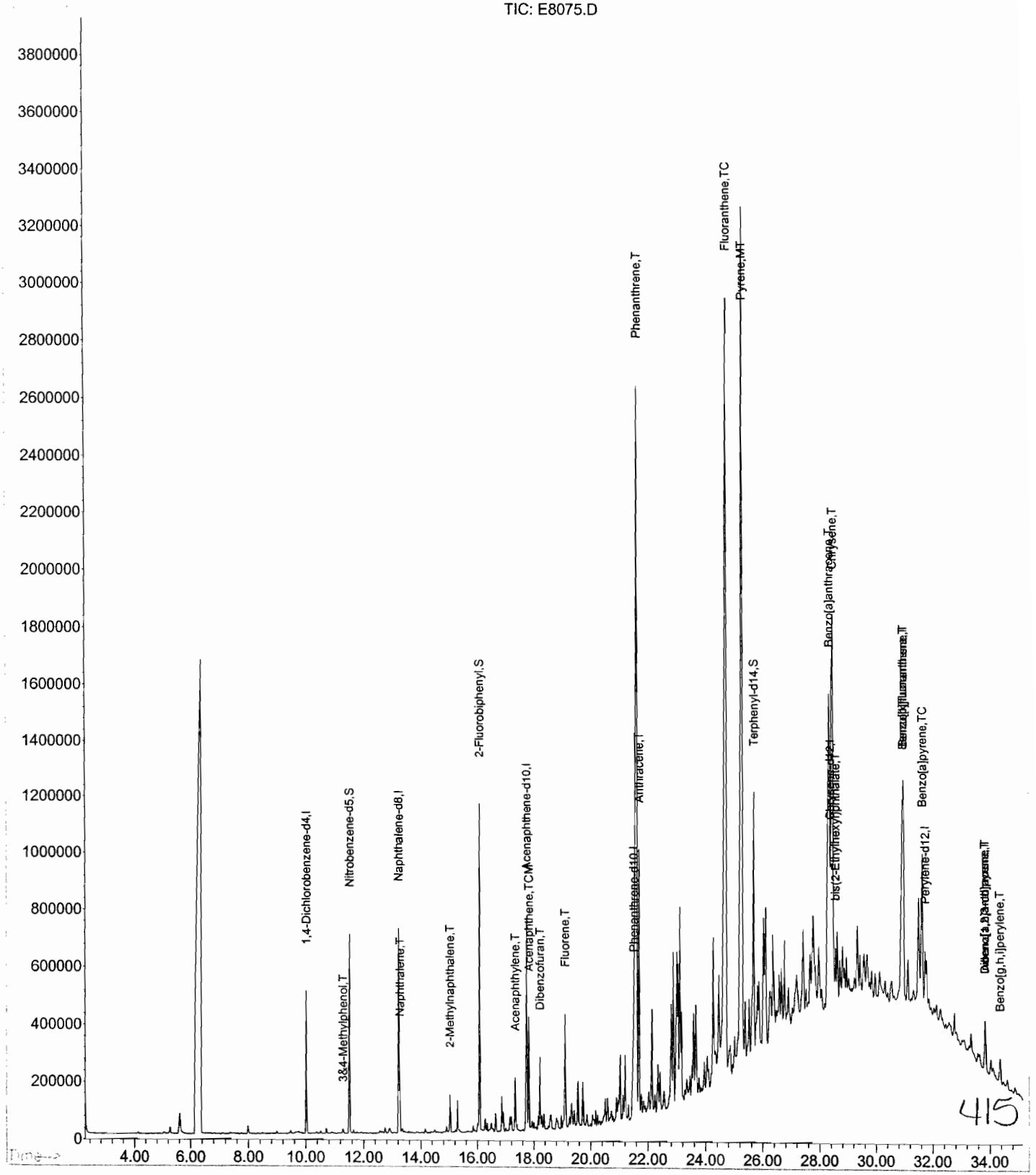
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8075.D Vial: 14
Acq On : 23 Dec 2004 2:34 Operator: JOSE
Sample : 0413150 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:55 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8075.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1228\E8105.D Vial: 3
Acq On : 28 Dec 2004 14:59 Operator: JOSE
Sample : 0413150DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-2 Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 29 8:01 2004 Quant Results File: SVE81228.RES

Quant Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 13:23:40 2004
Response via : Initial Calibration
DataAcq Meth : SVE81228

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	328076	40.00	ul/l	-0.01
19) Naphthalene-d8	13.14	136	1446530	40.00	ul/l	-0.02
34) Acenaphthene-d10	17.66	164	752246	40.00	ul/l	-0.01
55) Phenanthrene-d10	21.39	188	828666	40.00	ul/l	0.00
68) Chrysene-d12	28.17	240	278073	40.00	ul/l	0.00
77) Perylene-d12	31.54	264	135132	40.00	ul/l	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	7.01	112	620	0.26	ul/l	0.03
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.13%#			
6) Phenol-d5	9.37	99	1255	0.40	ul/l	-0.03
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.20%#			
20) Nitrobenzene-d5	11.42	82	232259	65.82	ul/l	-0.03
Spiked Amount 100.000	Range 23 - 120		Recovery = 65.82%			
38) 2-Fluorobiphenyl	15.98	172	316170	69.96	ul/l	-0.03
Spiked Amount 100.000	Range 30 - 115		Recovery = 69.96%			
54) 2,4,6-Tribromophenol	19.68	330	61	0.14	ul/l	-0.03
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.07%#			
71) Terphenyl-d14	25.52	244	99248	63.73	ul/l	-0.01
Spiked Amount 100.000	Range 18 - 137		Recovery = 63.73%			
Target Compounds						Qvalue
29) Naphthalene	13.19	128	90321	2.41	ul/l	98
33) 2-Methylnaphthalene	14.95	142	32299	1.20	ul/l	97
42) Acenaphthylene	17.24	152	79599	2.11	ul/l	97
44) Acenaphthene	17.72	153	91581	4.10	ul/l	95
47) Dibenzofuran	18.12	168	83750	2.76	ul/l	96
52) Fluorene	19.00	166	109266	4.36	ul/l	99
64) Phenanthrene	21.45	178	1052082	45.64	ul/l	98
65) Anthracene	21.54	178	191233	8.69	ul/l	94
67) Fluoranthene	24.51	202	795969	33.99	ul/l	94
70) Pyrene	25.06	202	677707	56.25	ul/l	97
74) Benzo[a]anthracene	28.12	228	230577	22.43	ul/l	87
75) bis(2-Ethylhexyl)phthalate	28.41	149	18373	2.57	ul/l	97
76) Chrysene	28.23	228	219510	28.17	ul/l	94
79) Benzo[b]fluoranthene	30.71	252	126548m	16.86	ul/l	
80) Benzo[k]fluoranthene	30.75	252	114612m	22.16	ul/l	
81) Benzo[a]pyrene	31.41	252	101408	16.71	ul/l	97
82) Indeno[1,2,3-cd]pyrene	33.63	276	29894	5.02	ul/l	97
83) Dibenz[a,h]anthracene	33.65	278	13666	2.91	ul/l	97
84) Benzo[g,h,i]perylene	34.15	276	20970	4.97	ul/l	94

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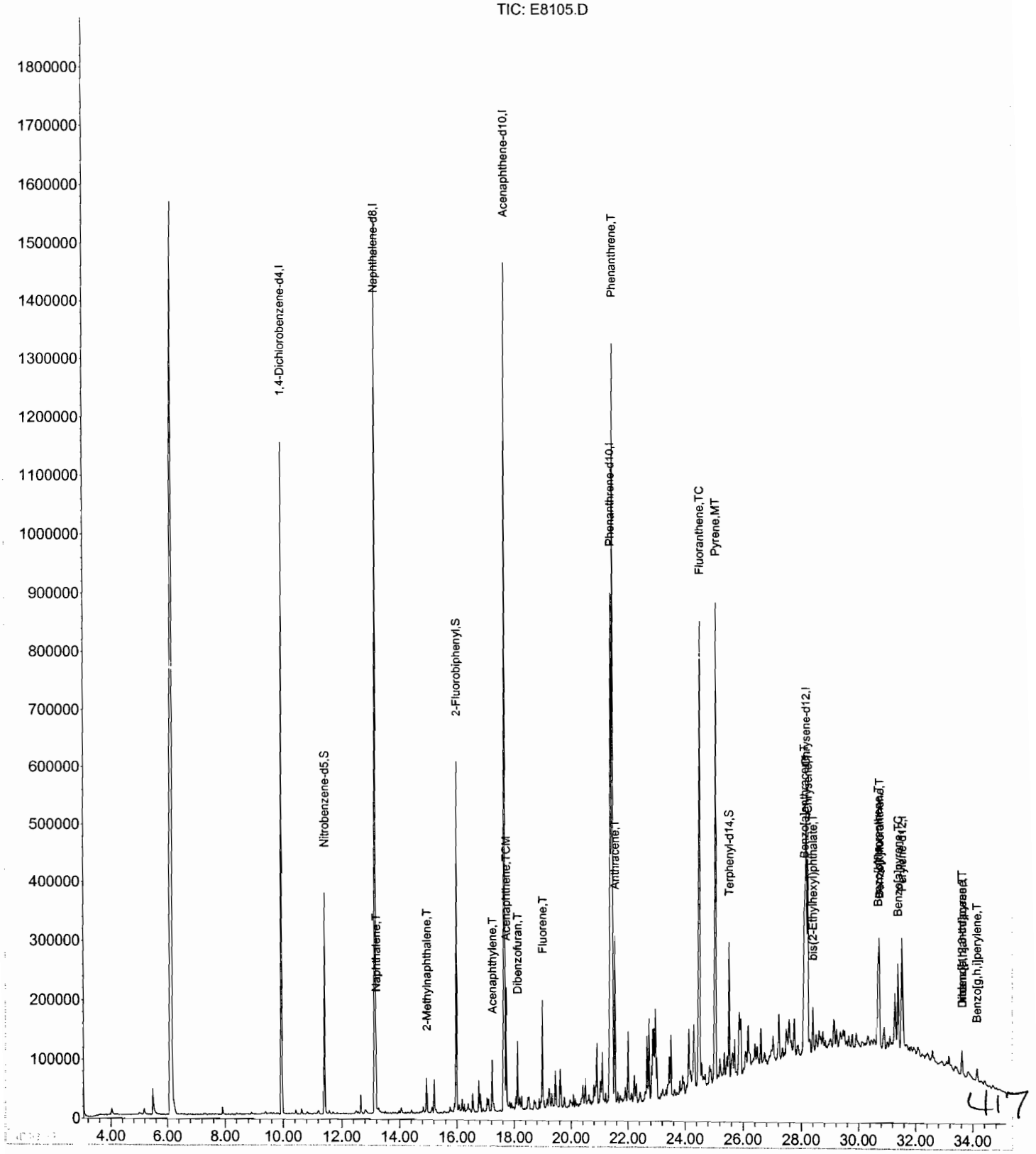
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1228\E8105.D Vial: 3
Acq On : 28 Dec 2004 14:59 Operator: JOSE
Sample : 0413150DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-2 Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 29 8:01 2004 Quant Results File: SVE81228.RES

Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 13:23:40 2004
Response via : Initial Calibration

TIC: E8105.D



417

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8076.D Vial: 15
Acq On : 23 Dec 2004 3:18 Operator: JOSE
Sample : 0413151 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:59 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.03	152	165058	40.00	ul/l		0.01
19) Naphthalene-d8	13.24	136	636923	40.00	ul/l		0.00
34) Acenaphthene-d10	17.76	164	323258	40.00	ul/l		0.00
55) Phenanthrene-d10	21.50	188	477527	40.00	ul/l		0.02
68) Chrysene-d12	28.29	240	215973	40.00	ul/l		0.03
77) Perylene-d12	31.68	264	63372	40.00	ul/l		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	0.00	112	0d	0.00	ul/l		
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.00%#			
6) Phenol-d5	0.00	99	0d	0.00	ul/l		
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.00%#			
20) Nitrobenzene-d5	11.53	82	631519	80.49	ul/l		0.01
Spiked Amount 100.000	Range 23 - 120		Recovery =	80.49%			
38) 2-Fluorobiphenyl	16.10	172	737150	75.80	ul/l		0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	75.80%			
54) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ul/l		
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#			
71) Terphenyl-d14	25.67	244	698161	130.37	ul/l		0.04
Spiked Amount 100.000	Range 18 - 137		Recovery =	130.37%			
Target Compounds							Qvalue
29) Naphthalene	13.28	128	67903	4.28	ul/l		94
33) 2-Methylnaphthalene	15.04	142	58794	5.06	ul/l		97
42) Acenaphthylene	17.34	152	30587	1.92	ul/l		91
44) Acenaphthene	17.82	153	39611	4.26	ul/l		95
47) Dibenzofuran	18.23	168	38604	3.16	ul/l	#	38
52) Fluorene	19.10	166	51190	4.82	ul/l		88
64) Phenanthrene	21.56	178	575421	44.72	ul/l		100
65) Anthracene	21.65	178	151898	11.84	ul/l		93
67) Fluoranthene	24.62	202	793864	59.32	ul/l		96
70) Pyrene	25.18	202	695477	88.77	ul/l		98
72) Butylbenzylphthalate	27.01	149	12594	2.21	ul/l		97
73) 3,3'-Dichlorobenzidine	28.32	252	2315	1.13	ul/l	#	6
74) Benzo[a]anthracene	28.25	228	192303	27.02	ul/l		92
75) bis(2-Ethylhexyl)phthalate	28.54	149	47055	6.61	ul/l		99
76) Chrysene	28.36	228	188529	31.20	ul/l		95
79) Benzo[b]fluoranthene	30.85	252	66865m	27.12	ul/l		
80) Benzo[k]fluoranthene	30.88	252	63148m	31.75	ul/l		
81) Benzo[a]pyrene	31.54	252	46925	22.53	ul/l		91
82) Indeno[1,2,3-cd]pyrene	33.79	276	10380	4.77	ul/l		95
83) Dibenz[a,h]anthracene	33.79	278	5384	2.97	ul/l		94
84) Benzo[g,h,i]perylene	34.31	276	7577	4.45	ul/l		84

418

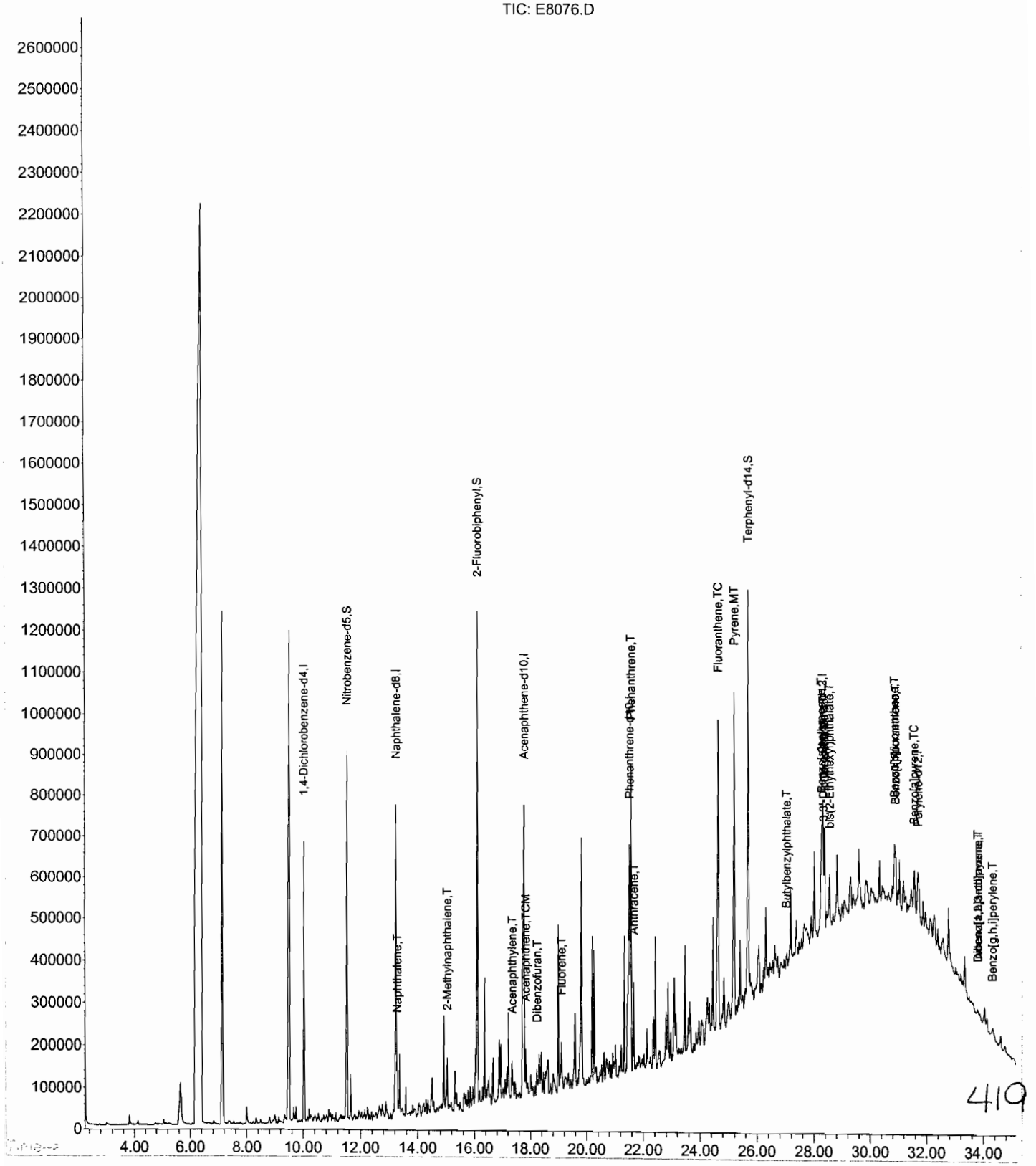
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8076.D Vial: 15
Acq On : 23 Dec 2004 3:18 Operator: JOSE
Sample : 0413151 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:59 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8076.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8069.D Vial: 8
Acq On : 22 Dec 2004 22:08 Operator: JOSE
Sample : 0413152 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-4S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:45 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.02	152	236069	40.00	ul/l	0.00
19) Naphthalene-d8	13.22	136	976438	40.00	ul/l	-0.02
34) Acenaphthene-d10	17.74	164	460798	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.48	188	577857	40.00	ul/l	0.00
68) Chrysene-d12	28.36	240	427313	40.00	ul/l	0.11
77) Perylene-d12	31.84	264	279819	40.00	ul/l	0.20
System Monitoring Compounds						
4) 2-Fluorophenol	7.10	112	395	0.05	ul/l	0.07
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.03%#			
6) Phenol-d5	9.44	99	1044	0.10	ul/l	-0.02
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.05%#			
20) Nitrobenzene-d5	11.51	82	807716	67.15	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 67.15%			
38) 2-Fluorobiphenyl	16.08	172	1144394	82.56	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 82.56%			
54) 2,4,6-Tribromophenol	19.77	330	110	0.08	ul/l	-0.03
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.04%#			
71) Terphenyl-d14	25.70	244	852343	80.45	ul/l	0.07
Spiked Amount 100.000	Range 18 - 137		Recovery = 80.45%			
Target Compounds						Qvalue
29) Naphthalene	13.27	128	1087106	44.71	ul/l	98
33) 2-Methylnaphthalene	15.03	142	190421	10.68	ul/l	98
44) Acenaphthene	17.81	153	394173	29.75	ul/l	99
47) Dibenzofuran	18.22	168	379822	21.82	ul/l	67
52) Fluorene	19.10	166	420147	27.74	ul/l	99
64) Phenanthrene	21.58	178	2606566	167.40	ul/l	100
65) Anthracene	21.68	178	804911	51.86	ul/l	94
67) Fluoranthene	24.64	202	1922763	118.74	ul/l	85
70) Pyrene	25.20	202	1528264	98.59	ul/l	85
74) Benzo[a]anthracene	28.32	228	666512	47.33	ul/l	93
76) Chrysene	28.44	228	549359	45.95	ul/l	95
79) Benzo[b]fluoranthene	31.00	252	421871m	38.75	ul/l	
80) Benzo[k]fluoranthene	31.01	252	242512m	27.61	ul/l	
81) Benzo[a]pyrene	31.71	252	333371	36.24	ul/l	90
82) Indeno[1,2,3-cd]pyrene	33.92	276	83602	8.70	ul/l	78
83) Dibenz[a,h]anthracene	33.92	278	40118m	5.02	ul/l	
84) Benzo[g,h,i]perylene	34.44	276	53969	7.18	ul/l	85

420

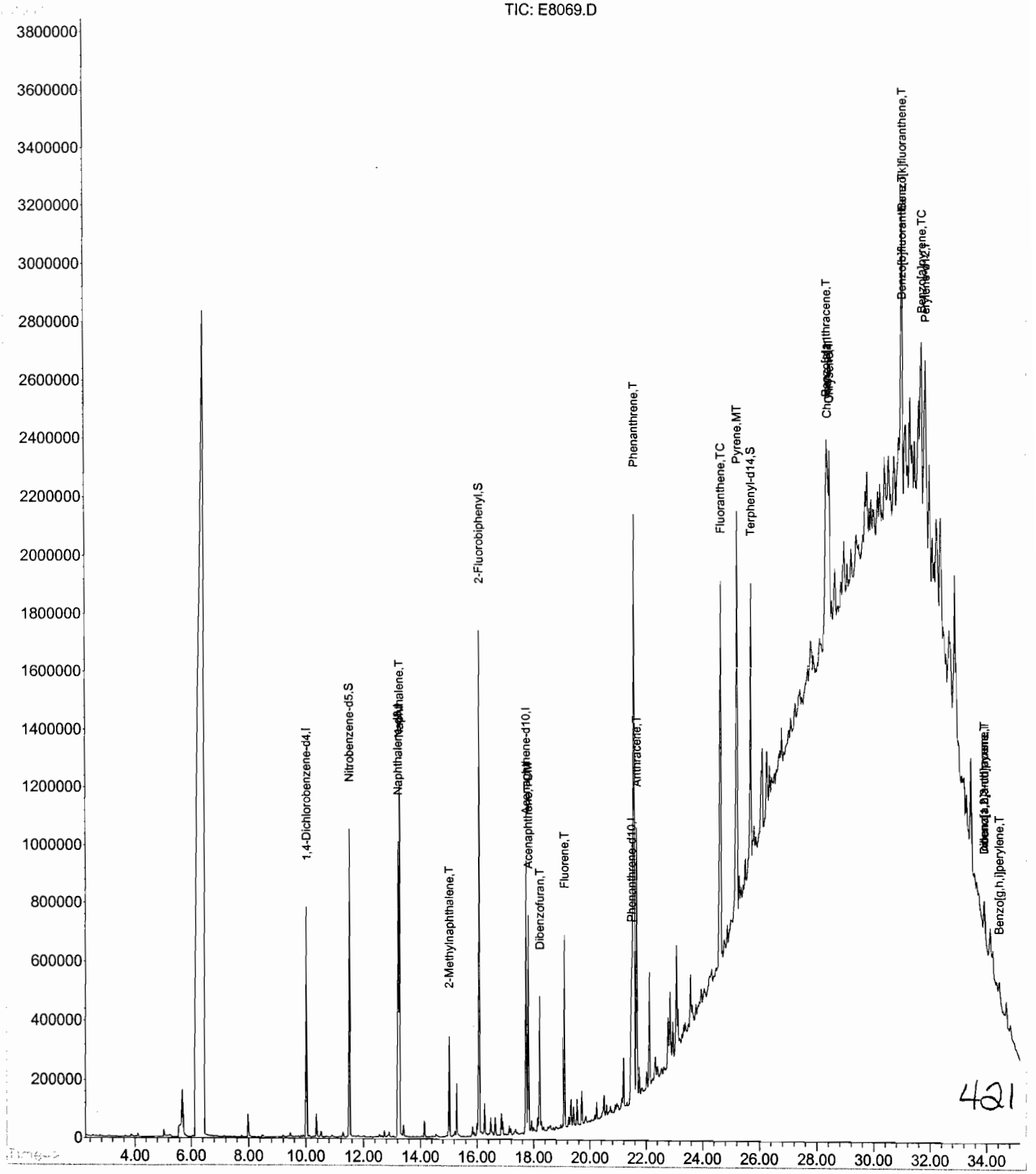
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8069.D Vial: 8
Acq On : 22 Dec 2004 22:08 Operator: JOSE
Sample : 0413152 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-4S Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:45 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8069.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1230\E8130.D Vial: 3
Acq On : 30 Dec 2004 15:07 Operator: JOSE
Sample : 0413152DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-4S Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 30 16:41 2004 Quant Results File: SVE81230.RES

Quant Method : D:\E\METHODS\SVE81230.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Dec 30 13:30:19 2004
Response via : Initial Calibration
DataAcq Meth : SVE81230

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.89	152	577790	40.00	ul/l		-0.01
19) Naphthalene-d8	13.10	136	2451564	40.00	ul/l		0.00
34) Acenaphthene-d10	17.60	164	1253979	40.00	ul/l		-0.01
55) Phenanthrene-d10	21.33	188	1690353	40.00	ul/l		0.00
68) Chrysene-d12	28.13	240	860476	40.00	ul/l		0.03
77) Perylene-d12	31.56	264	649172	40.00	ul/l		0.09
System Monitoring Compounds							
4) 2-Fluorophenol	6.97	112	994	0.19	ul/l		0.04
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.10%#				
6) Phenol-d5	9.33	99	2028	0.30	ul/l		-0.03
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.15%#				
20) Nitrobenzene-d5	11.37	82	458689	78.98	ul/l		-0.03
Spiked Amount 100.000	Range 23 - 120		Recovery = 78.98%				
38) 2-Fluorobiphenyl	15.93	172	595083	85.48	ul/l		-0.02
Spiked Amount 100.000	Range 30 - 115		Recovery = 85.48%				
54) 2,4,6-Tribromophenol	19.60	330	199	0.38	ul/l		-0.06
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.19%#				
71) Terphenyl-d14	25.47	244	367967	86.52	ul/l		0.00
Spiked Amount 100.000	Range 18 - 137		Recovery = 86.52%				
Target Compounds							Qvalue
29) Naphthalene	13.14	128	617460	9.71	ul/l		99
33) 2-Methylnaphthalene	14.89	142	105267	2.48	ul/l		99
44) Acenaphthene	17.66	153	225130	6.18	ul/l		95
47) Dibenzofuran	18.06	168	227997	4.68	ul/l		86
52) Fluorene	18.94	166	253868	7.26	ul/l		98
64) Phenanthrene	21.39	178	1432143	30.76	ul/l		100
65) Anthracene	21.48	178	497601	10.39	ul/l		94
67) Fluoranthene	24.42	202	1058452	23.37	ul/l		60
70) Pyrene	24.98	202	838522	20.01	ul/l	#	51
74) Benzo[a]anthracene	28.08	228	302261	8.56	ul/l		91
76) Chrysene	28.18	228	242486	8.28	ul/l		95
79) Benzo[b]fluoranthene	30.68	252	150245m	5.79	ul/l		
80) Benzo[k]fluoranthene	30.71	252	150355m	7.97	ul/l		
81) Benzo[a]pyrene	31.39	252	164625	7.42	ul/l	#	57
82) Indeno[1,2,3-cd]pyrene	33.63	276	72827	3.29	ul/l	#	1
83) Dibenz[a,h]anthracene	33.64	278	33009m	1.81	ul/l		
84) Benzo[g,h,i]perylene	34.15	276	60339m	3.28	ul/l		

422

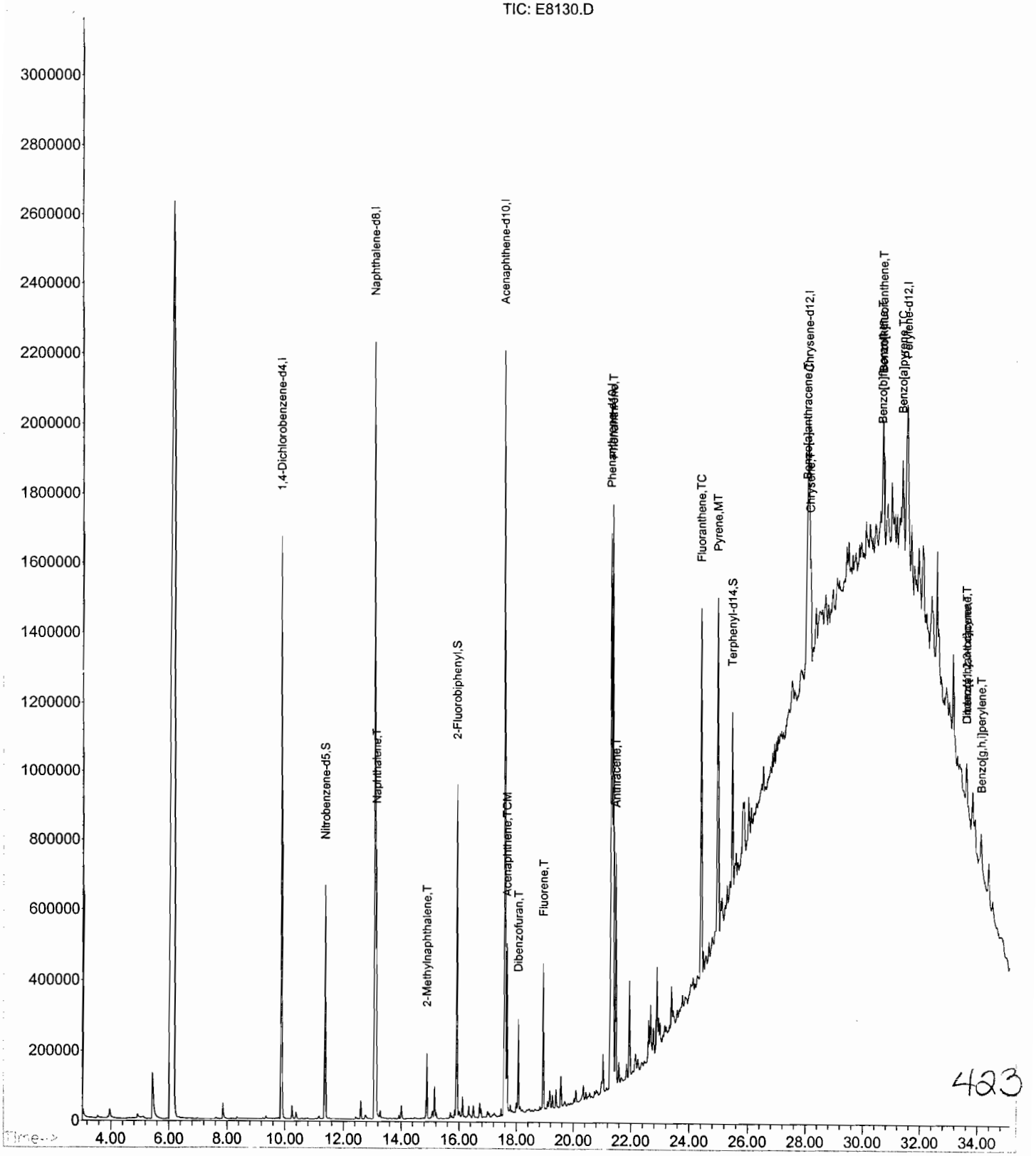
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1230\E8130.D Vial: 3
Acq On : 30 Dec 2004 15:07 Operator: JOSE
Sample : 0413152DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-4S Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 30 16:41 2004 Quant Results File: SVE81230.RES

Method : D:\E\METHODS\SVE81230.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Thu Dec 30 13:30:19 2004
Response via : Initial Calibration

TIC: E8130.D



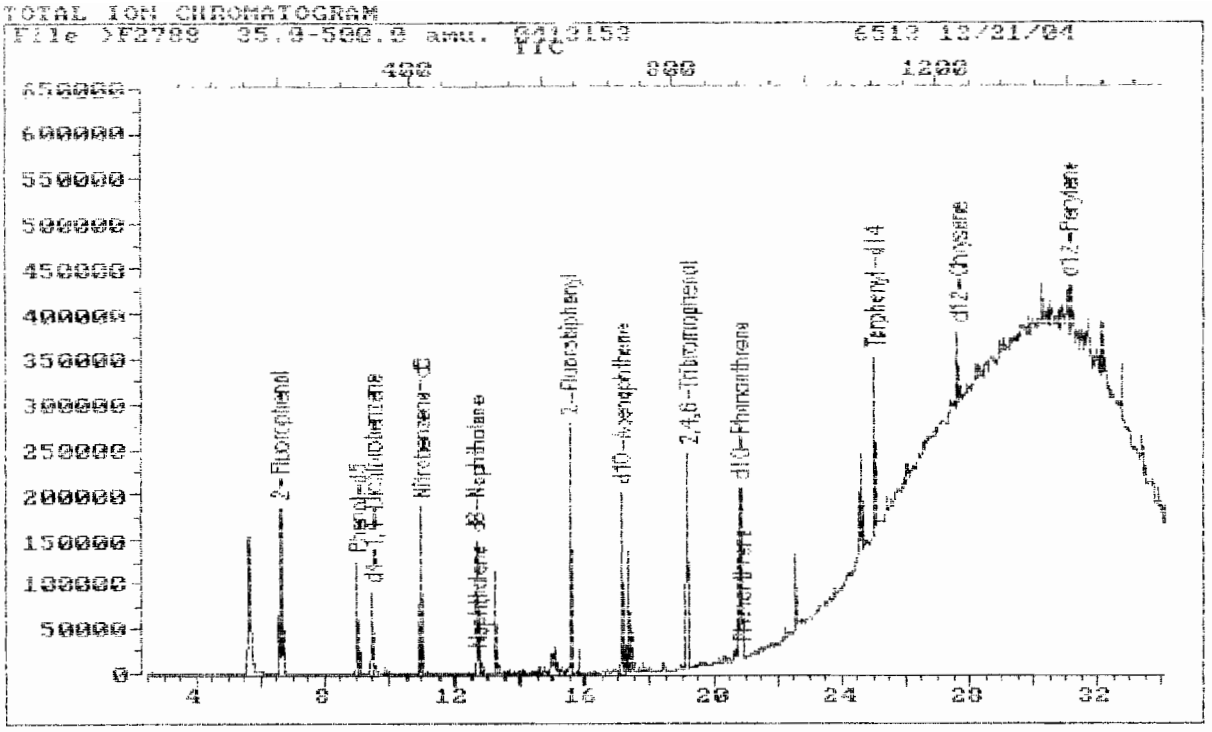
423

Operator ID: JOSE Quant Rev: 7 Quant Time: 041223 01:27
Output File: ^F2788::QT Injected at: 041223 00:53
Data File: >F2788::F2 Dilution Factor: 1.00000
Name: 0413153 Instrument ID: AHP5970B
Misc: 6513 12/21/04 RTPEA NS-4W BTL#13

ID File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*d4-1,4-Dichlorobenzene	9.47	344	37851	40.00	ug/l	94
4)	2-Fluorophenol	6.57	202	108655	83.71	ug/l	100
6)	Phenol-d5	9.00	321	102160	58.71	ug/l	87
19)	*d8-Naphthalene	12.64	500	157401	40.00	ug/l	98
20)	Nitrobenzene-d5	10.97	418	156786	85.87	ug/l	88
29)	Naphthalene	12.68	502	19315	5.13	ug/l	77
34)	*d10-Acenaphthene	17.13	720	97057	40.00	ug/l	96
39)	2-Fluorobiphenyl	15.50	640	259041	88.69	ug/l	96
54)	2,4,6-Tribromophenol	19.19	821	71966	187.48	ug/l	98
55)	*d10-Phenanthrene	20.84	902	180453	40.00	ug/l	100
63)	Phenanthrene	20.88	904	5560	1.20	ug/l	99
68)	*d12-Chrysene	27.64	1233	137716	40.00	ug/l	100
71)	Terphenyl-d14	25.02	1106	283014	87.42	ug/l	91
77)	*d12-Perylene	31.06	1399	112912	40.00	ug/l	100

* Compound is ISTD



Data File: >F2788::F2 Quant Output File: ^F2788::QT
Name: 0413153 Instrument ID: AHP5970B
Misc: 6513 12/21/04 RTPEA NS-4W BTL#13

Id File: IDF51::SC
Title: Accredited Laboratories Base/Neutral/Acid Identity File
Last Calibration: 041221 14:38 Last Qcal Time: 041221 10:34

Operator ID: JOSE
Quant Time : 041223 01:27
Injected at: 041223 00:53

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8070.D Vial: 9
Acq On : 22 Dec 2004 22:52 Operator: JOSE
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:46 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.01	152	179840	40.00	ul/l	0.00
19) Naphthalene-d8	13.23	136	747327	40.00	ul/l	-0.01
34) Acenaphthene-d10	17.75	164	383172	40.00	ul/l	-0.01
55) Phenanthrene-d10	21.48	188	523328	40.00	ul/l	0.00
68) Chrysene-d12	28.30	240	376949	40.00	ul/l	0.04
77) Perylene-d12	31.70	264	294150	40.00	ul/l	0.06
System Monitoring Compounds						
4) 2-Fluorophenol	7.09	112	245	0.04	ul/l	0.05
Spiked Amount 200.000	Range 25 - 121		Recovery =	0.02%#		
6) Phenol-d5	9.43	99	802	0.10	ul/l	-0.02
Spiked Amount 200.000	Range 24 - 113		Recovery =	0.05%#		
20) Nitrobenzene-d5	11.52	82	532208	57.81	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery =	57.81%		
38) 2-Fluorobiphenyl	16.08	172	755990	65.58	ul/l	-0.01
Spiked Amount 100.000	Range 30 - 115		Recovery =	65.58%		
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery =	0.00%#		
71) Terphenyl-d14	25.65	244	612492	65.53	ul/l	0.02
Spiked Amount 100.000	Range 18 - 137		Recovery =	65.53%		
Target Compounds						Qvalue
16) 3&4-Methylphenol	11.27	108	19348	3.12	ul/l	81
29) Naphthalene	13.27	128	45199	2.43	ul/l	96
33) 2-Methylnaphthalene	15.02	142	27281	2.00	ul/l	97
42) Acenaphthylene	17.33	152	48175	2.56	ul/l	97
44) Acenaphthene	17.81	153	44360	4.03	ul/l	97
47) Dibenzofuran	18.21	168	49559	3.42	ul/l #	57
52) Fluorene	19.08	166	70139	5.57	ul/l	94
64) Phenanthrene	21.56	178	1154466	81.87	ul/l	100
65) Anthracene	21.65	178	263514	18.75	ul/l	96
67) Fluoranthene	24.63	202	1455031	99.21	ul/l	92
70) Pyrene	25.18	202	1297068	94.86	ul/l	92
74) Benzo[a]anthracene	28.25	228	587940	47.33	ul/l	93
76) Chrysene	28.37	228	612707	58.09	ul/l	94
79) Benzo[b]fluoranthene	30.88	252	548259m	47.90	ul/l	
80) Benzo[k]fluoranthene	30.91	252	240117m	26.01	ul/l	
81) Benzo[a]pyrene	31.58	252	380829	39.38	ul/l	93
82) Indeno[1,2,3-cd]pyrene	33.80	276	154173	15.26	ul/l	97
83) Dibenz[a,h]anthracene	33.80	278	73371	8.73	ul/l	91
84) Benzo[g,h,i]perylene	34.34	276	115904	14.68	ul/l	95

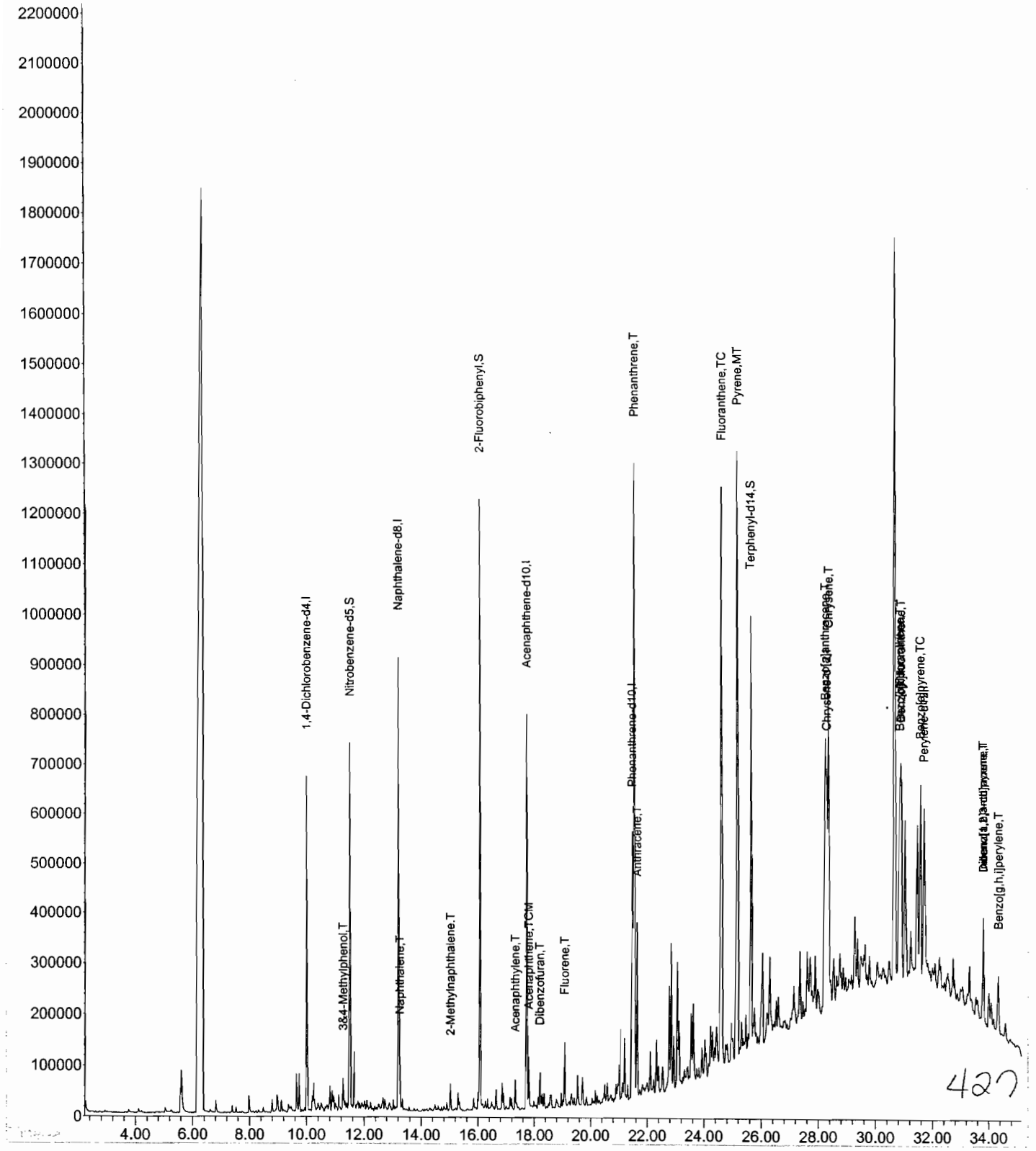
426

(#) = qualifier out of range (m) = manual integration

Data File : D:\E\DATA\DEC04\E1222\E8070.D Vial: 9
Acq On : 22 Dec 2004 22:52 Operator: JOSE
Sample : 0413154 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:46 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8070.D



427

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8068.D Vial: 7
Acq On : 22 Dec 2004 21:24 Operator: JOSE
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:41 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.02	152	220409	40.00	ul/l	0.00
19) Naphthalene-d8	13.22	136	934706	40.00	ul/l	-0.02
34) Acenaphthene-d10	17.74	164	460618	40.00	ul/l	-0.02
55) Phenanthrene-d10	21.47	188	609209	40.00	ul/l	0.00
68) Chrysene-d12	28.24	240	393041	40.00	ul/l	-0.02
77) Perylene-d12	31.62	264	347546	40.00	ul/l	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	7.09	112	277	0.04	ul/l	0.05
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.02%#			
6) Phenol-d5	9.43	99	581	0.06	ul/l	-0.02
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.03%#			
20) Nitrobenzene-d5	11.51	82	634662	55.12	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 55.12%			
38) 2-Fluorobiphenyl	16.08	172	938241	67.71	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 67.71%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.63	244	738413	75.77	ul/l	0.00
Spiked Amount 100.000	Range 18 - 137		Recovery = 75.77%			
Target Compounds						Qvalue
64) Phenanthrene	21.51	178	66885	4.07	ul/l	98
67) Fluoranthene	24.55	202	88824	5.20	ul/l	93
70) Pyrene	25.10	202	81741	5.73	ul/l	89
74) Benzo[a]anthracene	28.17	228	33262	2.57	ul/l	90
76) Chrysene	28.29	228	34096	3.10	ul/l	96
79) Benzo[b]fluoranthene	30.76	252	26117	1.93	ul/l	80
80) Benzo[k]fluoranthene	30.79	252	17761m	1.63	ul/l	
81) Benzo[a]pyrene	31.46	252	20947	1.83	ul/l	88

428

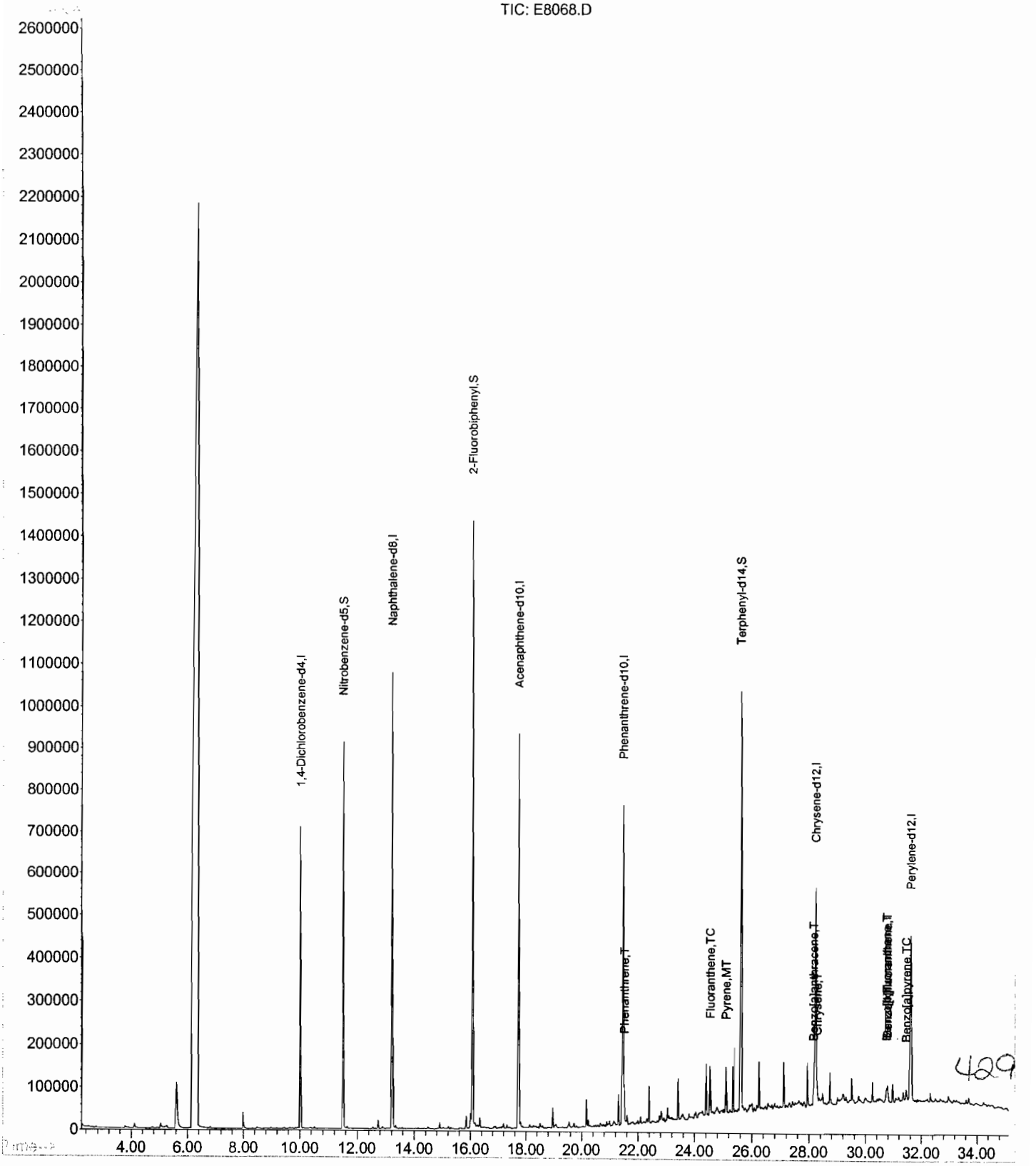
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8068.D Vial: 7
Acq On : 22 Dec 2004 21:24 Operator: JOSE
Sample : 0413155 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:41 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8068.D



429

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8071.D Vial: 10
Acq On : 22 Dec 2004 23:37 Operator: JOSE
Sample : 0413156 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:48 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.02	152	212750	40.00	ul/l	0.00
19) Naphthalene-d8	13.23	136	886181	40.00	ul/l	0.00
34) Acenaphthene-d10	17.75	164	341197	40.00	ul/l	0.00
55) Phenanthrene-d10	21.48	188	484429	40.00	ul/l	0.00
68) Chrysene-d12	28.27	240	364402	40.00	ul/l	0.01
77) Perylene-d12	31.66	264	272166	40.00	ul/l	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	7.09	112	199	0.03	ul/l	0.05
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.01%#			
6) Phenol-d5	9.44	99	471	0.05	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.03%#			
20) Nitrobenzene-d5	11.51	82	600481	55.00	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 55.00%			
38) 2-Fluorobiphenyl	16.08	172	683157	66.56	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 66.56%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.65	244	569978	63.08	ul/l	0.02
Spiked Amount 100.000	Range 18 - 137		Recovery = 63.08%			
Target Compounds						Qvalue
42) Acenaphthylene	17.33	152	37325	2.22	ul/l	94
44) Acenaphthene	17.81	153	28327	2.89	ul/l	95
47) Dibenzofuran	18.22	168	17332	1.34	ul/l #	50
52) Fluorene	19.09	166	35219	3.14	ul/l	86
64) Phenanthrene	21.54	178	470493	36.04	ul/l	99
65) Anthracene	21.64	178	106688	8.20	ul/l	90
67) Fluoranthene	24.61	202	824263	60.72	ul/l	96
70) Pyrene	25.16	202	793683	60.04	ul/l	98
74) Benzo[a]anthracene	28.22	228	338106	28.16	ul/l	90
75) bis(2-Ethylhexyl)phthalate	28.51	149	28046	2.33	ul/l	97
76) Chrysene	28.34	228	320112	31.40	ul/l	94
79) Benzo[b]fluoranthene	30.83	252	279288m	26.37	ul/l	
80) Benzo[k]fluoranthene	30.86	252	192346m	22.52	ul/l	
81) Benzo[a]pyrene	31.52	252	235158	26.28	ul/l	98
82) Indeno[1,2,3-cd]pyrene	33.76	276	89276	9.55	ul/l	96
83) Dibenz[a,h]anthracene	33.77	278	37351	4.80	ul/l	92
84) Benzo[g,h,i]perylene	34.29	276	65264	8.93	ul/l	97

430

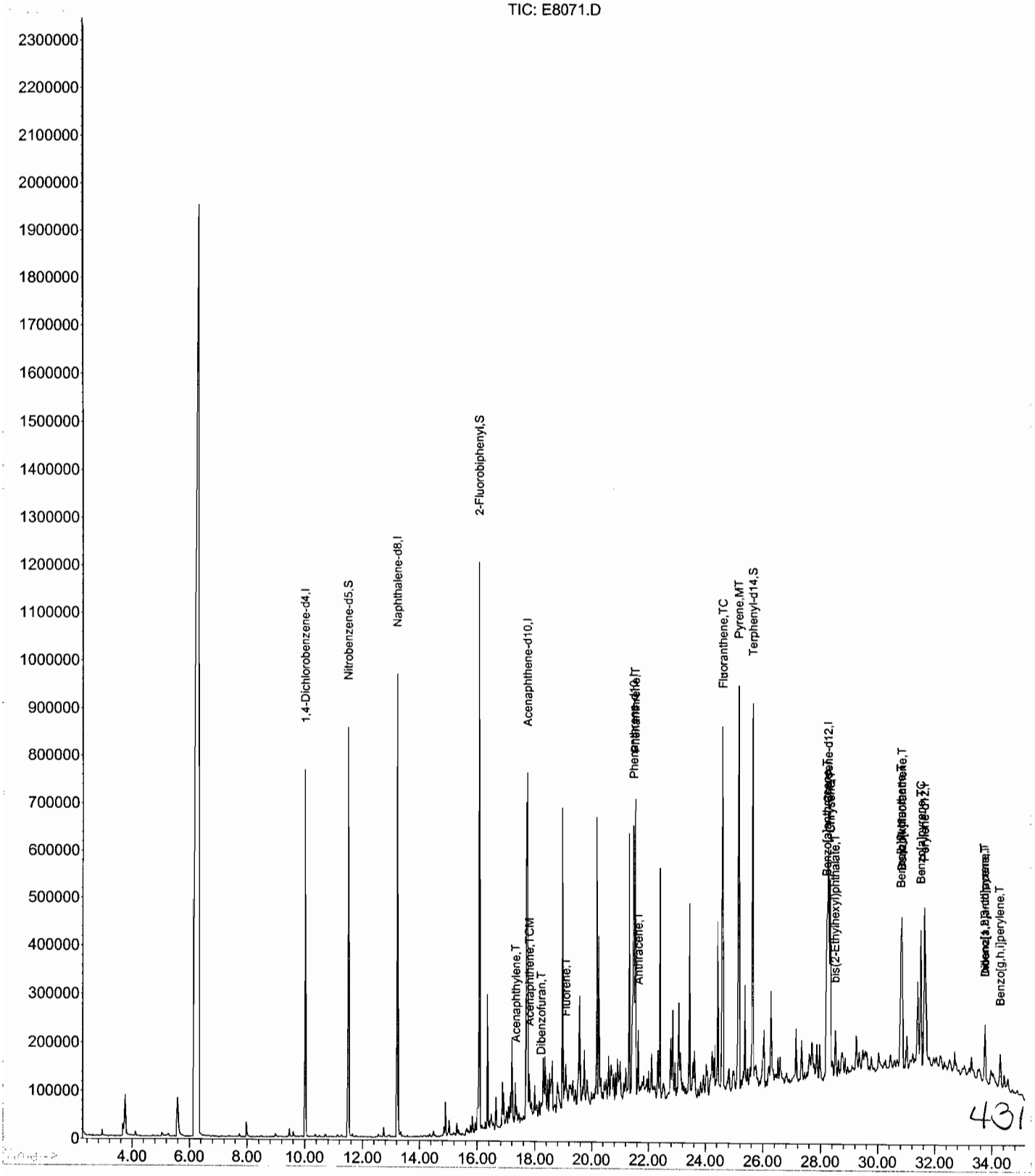
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8071.D Vial: 10
Acq On : 22 Dec 2004 23:37 Operator: JOSE
Sample : 0413156 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:48 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8071.D



431

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8074.D Vial: 13
Acq On : 23 Dec 2004 1:49 Operator: JOSE
Sample : 0413157 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:53 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.01	152	243227	40.00	ul/l	0.00
19) Naphthalene-d8	13.22	136	960169	40.00	ul/l	-0.01
34) Acenaphthene-d10	17.80	164	341328	40.00	ul/l	0.04
55) Phenanthrene-d10	21.60	188	513121	40.00	ul/l	0.12
68) Chrysene-d12	28.54	240	154425	40.00	ul/l	0.29
77) Perylene-d12	31.85	264	73085	40.00	ul/l	0.20
System Monitoring Compounds						
4) 2-Fluorophenol	7.08	112	117	0.01	ul/l	0.04
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.01%#			
6) Phenol-d5	9.45	99	298	0.03	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.01%#			
20) Nitrobenzene-d5	11.50	82	183410	15.51	ul/l	-0.02
Spiked Amount 100.000	Range 23 - 120		Recovery = 15.51%#			
38) 2-Fluorobiphenyl	16.07	172	188626	18.37	ul/l	-0.02
Spiked Amount 100.000	Range 30 - 115		Recovery = 18.37%#			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.84	244	152253	39.76	ul/l	0.21
Spiked Amount 100.000	Range 18 - 137		Recovery = 39.76%			
Target Compounds						Qvalue
67) Fluoranthene	24.76	202	34680m	2.41	ul/l	
70) Pyrene	25.35	202	38158m	6.81	ul/l	
75) bis(2-Ethylhexyl)phthalate	28.73	149	484270	95.11	ul/l	99
79) Benzo[b]fluoranthene	31.06	252	12169	4.28	ul/l #	68
80) Benzo[k]fluoranthene	31.06	252	12169	5.30	ul/l #	70
81) Benzo[a]pyrene	31.72	252	7713	3.21	ul/l #	1

432

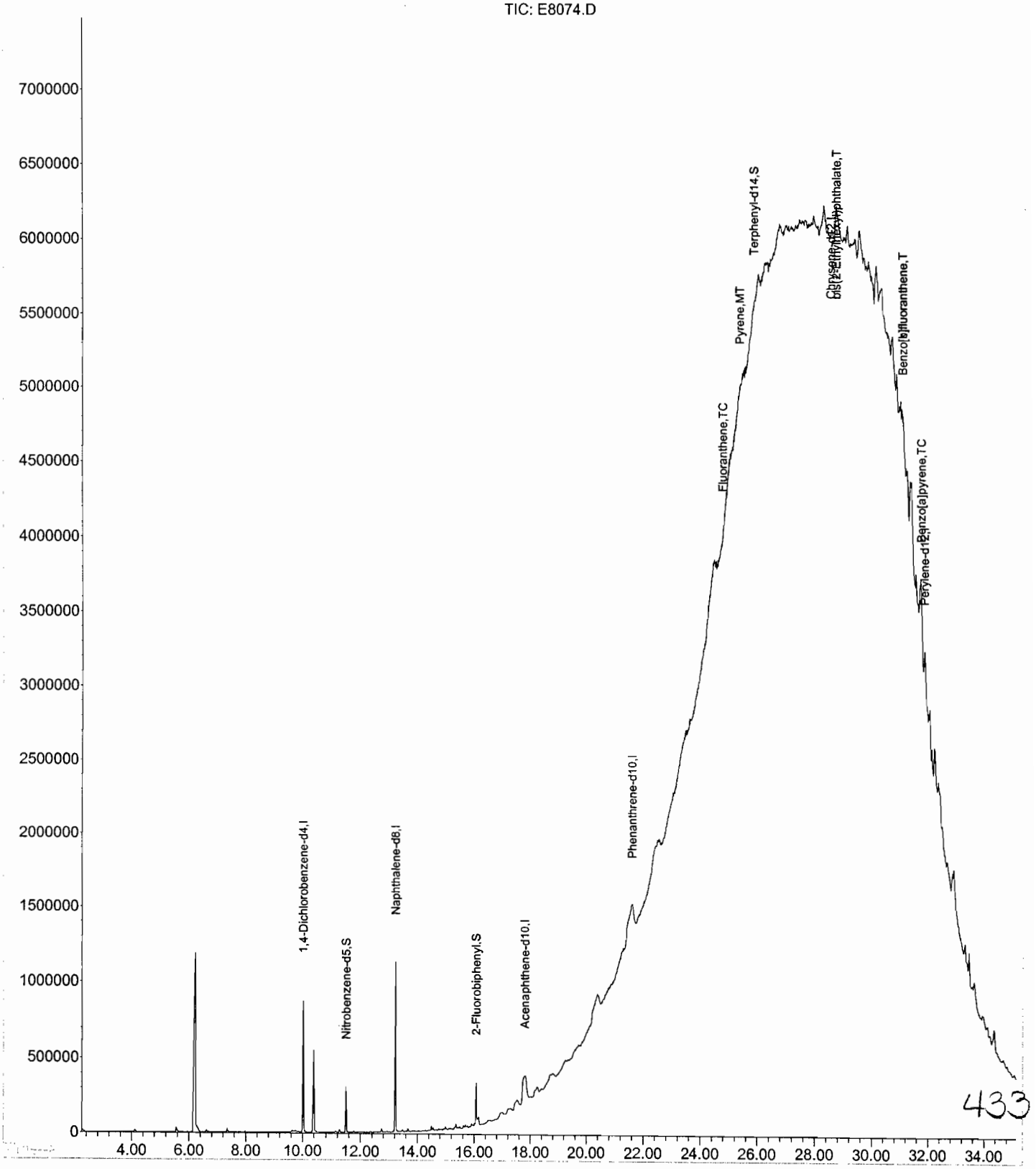
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8074.D Vial: 13
Acq On : 23 Dec 2004 1:49 Operator: JOSE
Sample : 0413157 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:53 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8074.D



Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1228\E8108.D Vial: 6
Acq On : 28 Dec 2004 17:11 Operator: JOSE
Sample : 0413157DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-8 Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 30 17:27 2004 Quant Results File: SVE81228.RES

Quant Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 13:23:40 2004
Response via : Initial Calibration
DataAcq Meth : SVE81228

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	408848	40.00	ul/l	0.00
19) Naphthalene-d8	13.15	136	1728056	40.00	ul/l	0.00
34) Acenaphthene-d10	17.66	164	536045	40.00	ul/l	0.00
55) Phenanthrene-d10	21.40	188	451724	40.00	ul/l	0.01
68) Chrysene-d12	28.30	240	540210	40.00	ul/l	0.12
77) Perylene-d12	31.73	264	218839	40.00	ul/l	0.18
System Monitoring Compounds						
4) 2-Fluorophenol	7.19	112	60	0.02	ul/l	0.21
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.01%#			
6) Phenol-d5	9.43	99	168	0.04	ul/l	0.02
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.02%#			
20) Nitrobenzene-d5	11.42	82	74093	17.58	ul/l	-0.03
Spiked Amount 100.000	Range 23 - 120		Recovery = 17.58%#			
38) 2-Fluorobiphenyl	15.98	172	93720	29.10	ul/l	-0.03
Spiked Amount 100.000	Range 30 - 115		Recovery = 29.10%#			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.59	244	55022m	18.19	ul/l	0.05
Spiked Amount 100.000	Range 18 - 137		Recovery = 18.19%			
Target Compounds						Qvalue
75) bis(2-Ethylhexyl)phthalate	28.54	149	387001	27.87	ul/l	95

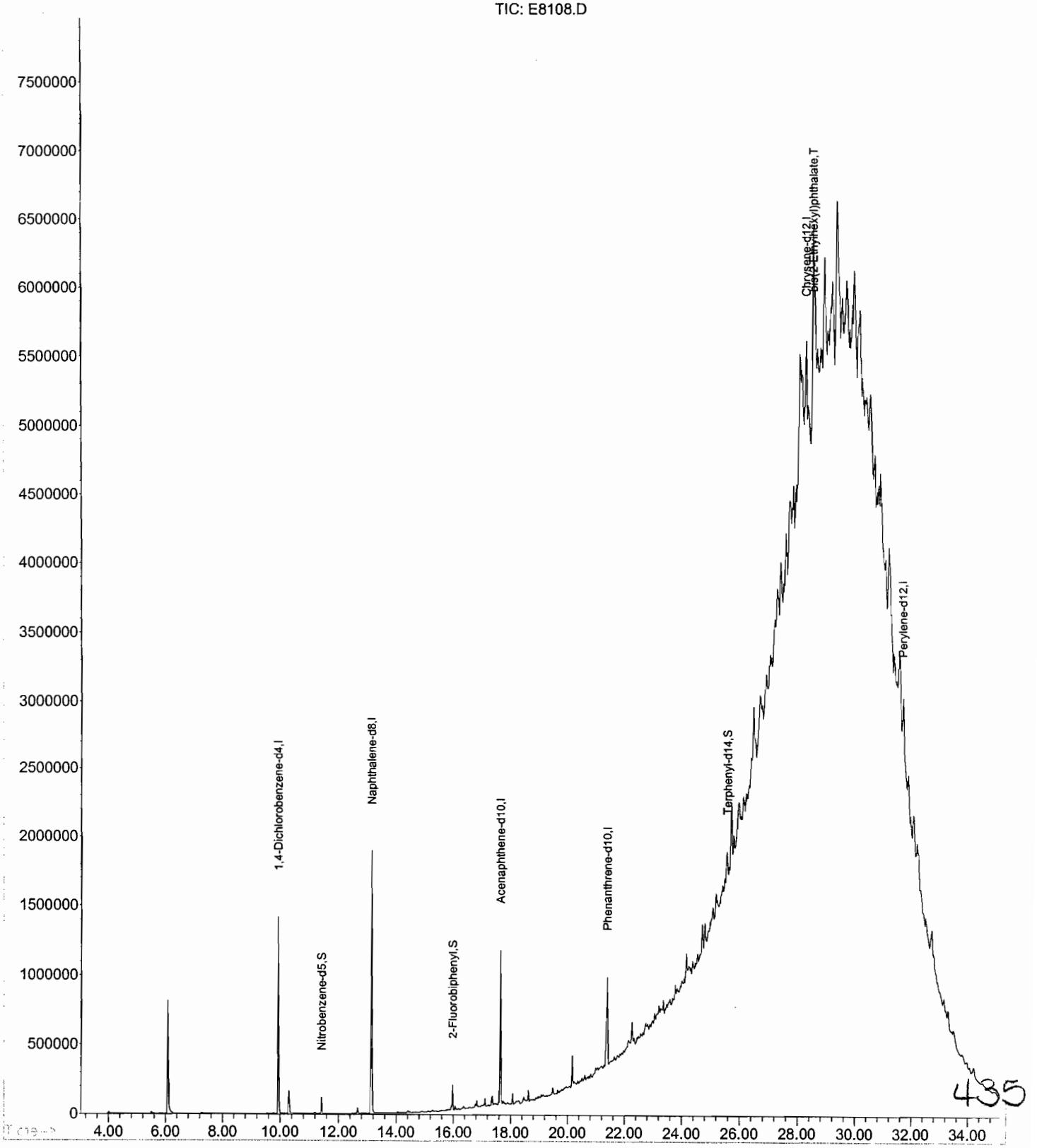
434

(#) = qualifier out of range (m) = manual integration
E8108.D SVE81228.M Thu Dec 30 17:28:05 2004 .

Quantitation Report

Data File : D:\E\DATA\DEC04\E1228\E8108.D Vial: 6
Acq On : 28 Dec 2004 17:11 Operator: JOSE
Sample : 0413157DL Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-8 Multiplr: 5.00
MS Integration Params: rteint.p
Quant Time: Dec 30 17:27 2004 Quant Results File: SVE81228.RES

Method : D:\E\METHODS\SVE81228.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 13:23:40 2004
Response via : Initial Calibration



435

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8072.D Vial: 11
Acq On : 23 Dec 2004 00:21 Operator: JOSE
Sample : 0413158 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-9 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:49 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.01	152	216936	40.00	ul/l	0.00
19) Naphthalene-d8	13.23	136	929981	40.00	ul/l	0.00
34) Acenaphthene-d10	17.75	164	361867	40.00	ul/l	0.00
55) Phenanthrene-d10	21.49	188	472596	40.00	ul/l	0.01
68) Chrysene-d12	28.30	240	405346	40.00	ul/l	0.04
77) Perylene-d12	31.70	264	289259	40.00	ul/l	0.06
System Monitoring Compounds						
4) 2-Fluorophenol	6.98	112	32	0.00	ul/l	-0.06
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.00%#			
6) Phenol-d5	9.44	99	533	0.06	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.03%#			
20) Nitrobenzene-d5	11.52	82	738964	64.50	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 64.50%			
38) 2-Fluorobiphenyl	16.09	172	979039	89.94	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 89.94%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.67	244	765677	76.18	ul/l	0.04
Spiked Amount 100.000	Range 18 - 137		Recovery = 76.18%			
Target Compounds						Qvalue
25) Benzoic Acid	13.05	122	13694	3.99	ul/l	90
64) Phenanthrene	21.53	178	57254	4.50	ul/l	97
65) Anthracene	21.63	178	14370m	1.13	ul/l	
66) Di-n-butylphthalate	23.22	149	31848	1.54	ul/l	96
67) Fluoranthene	24.59	202	103246	7.80	ul/l	97
70) Pyrene	25.15	202	107414	7.31	ul/l	96
74) Benzo[a]anthracene	28.25	228	43178	3.23	ul/l	89
75) bis(2-Ethylhexyl)phthalate	28.54	149	357299	26.73	ul/l	98
76) Chrysene	28.35	228	50812	4.48	ul/l	95
79) Benzo[b]fluoranthene	30.85	252	47651	4.23	ul/l	93
80) Benzo[k]fluoranthene	30.88	252	31184m	3.43	ul/l	
81) Benzo[a]pyrene	31.55	252	31295	3.29	ul/l	81
82) Indeno[1,2,3-cd]pyrene	33.81	276	14020	1.41	ul/l	94
84) Benzo[g,h,i]perylene	34.34	276	10305	1.33	ul/l	94

436

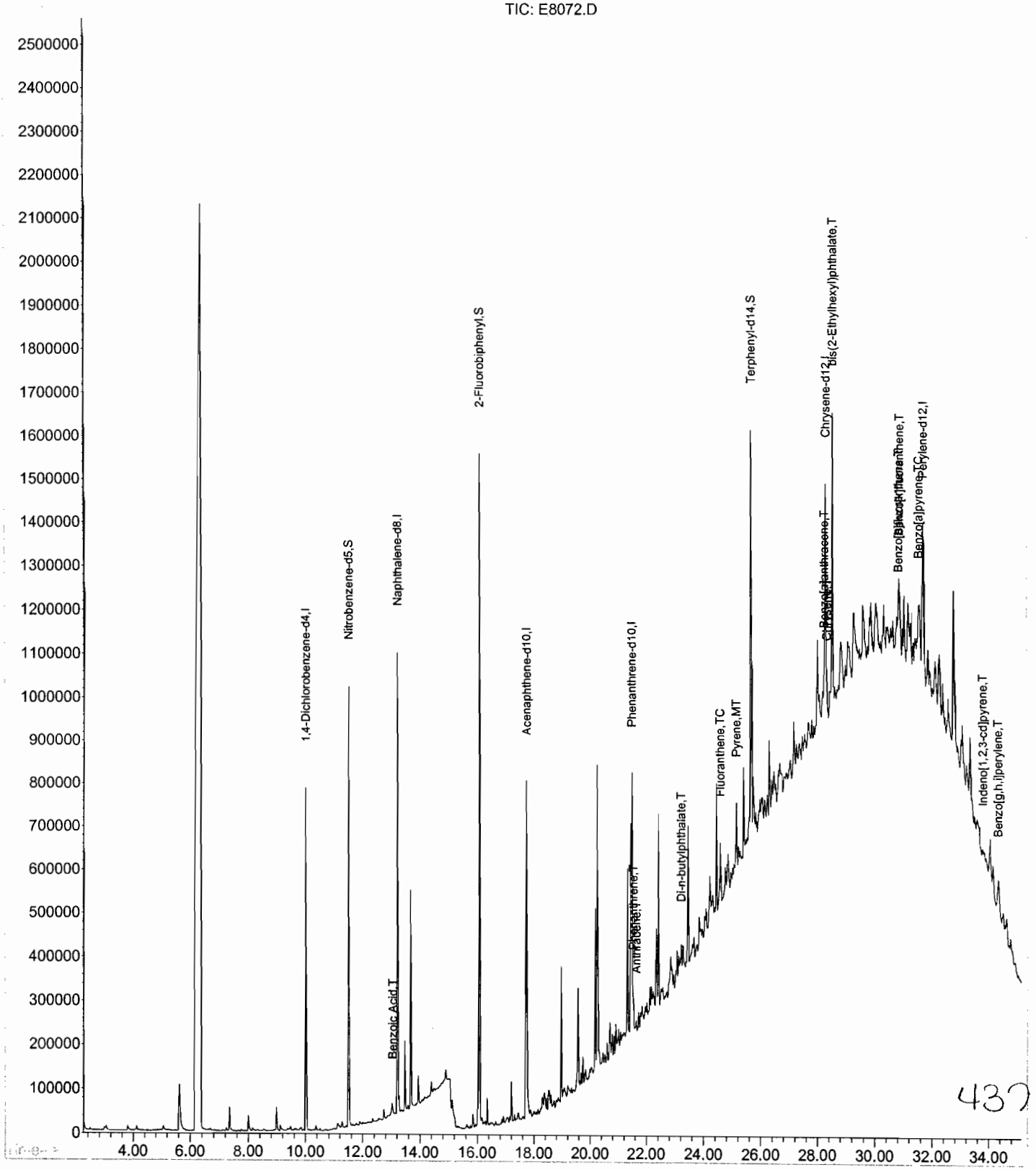
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\E\DATA\DEC04\E1222\E8072.D Vial: 11
Acq On : 23 Dec 2004 00:21 Operator: JOSE
Sample : 0413158 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-9 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:49 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8072.D



432

Quantitation Report (QT Reviewed)

Data File : D:\E\DATA\DEC04\E1222\E8073.D Vial: 12
Acq On : 23 Dec 2004 1:05 Operator: JOSE
Sample : 0413159 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-10 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:51 2004 Quant Results File: SVE81220.RES

Quant Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Wed Dec 22 16:50:28 2004
Response via : Initial Calibration
DataAcq Meth : SVE81220

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	10.02	152	190809	40.00	ul/l	0.00
19) Naphthalene-d8	13.22	136	764336	40.00	ul/l	-0.01
34) Acenaphthene-d10	17.74	164	330982	40.00	ul/l	-0.01
55) Phenanthrene-d10	21.49	188	467414	40.00	ul/l	0.00
68) Chrysene-d12	28.27	240	312420	40.00	ul/l	0.00
77) Perylene-d12	31.65	264	218310	40.00	ul/l	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	7.12	112	177	0.03	ul/l	0.08
Spiked Amount 200.000	Range 25 - 121		Recovery = 0.01%#			
6) Phenol-d5	9.46	99	423	0.05	ul/l	0.00
Spiked Amount 200.000	Range 24 - 113		Recovery = 0.03%#			
20) Nitrobenzene-d5	11.52	82	664257	70.55	ul/l	0.00
Spiked Amount 100.000	Range 23 - 120		Recovery = 70.55%			
38) 2-Fluorobiphenyl	16.09	172	816019	81.96	ul/l	0.00
Spiked Amount 100.000	Range 30 - 115		Recovery = 81.96%			
54) 2,4,6-Tribromophenol	0.00	330	0	0.00	ul/l	
Spiked Amount 200.000	Range 19 - 122		Recovery = 0.00%#			
71) Terphenyl-d14	25.66	244	667780	86.20	ul/l	0.03
Spiked Amount 100.000	Range 18 - 137		Recovery = 86.20%			
Target Compounds						Qvalue
11) 1,4-Dichlorobenzene	10.05	146	16369	2.39	ul/l #	79
25) Benzoic Acid	13.32	122	337962	119.72	ul/l	96
32) 4-Chloro-3-methylphenol	15.16	107	72246	9.21	ul/l #	22
64) Phenanthrene	21.53	178	80913	6.42	ul/l	99
65) Anthracene	21.63	178	14287	1.14	ul/l	87
67) Fluoranthene	24.58	202	91945	7.02	ul/l	96
70) Pyrene	25.13	202	80936	7.14	ul/l	92
74) Benzo[a]anthracene	28.21	228	28852	2.80	ul/l	90
75) bis(2-Ethylhexyl)phthalate	28.51	149	197355	19.16	ul/l	96
76) Chrysene	28.32	228	30627	3.50	ul/l	96
79) Benzo[b]fluoranthene	30.78	252	23815	2.80	ul/l #	78
80) Benzo[k]fluoranthene	30.82	252	19480m	2.84	ul/l	
81) Benzo[a]pyrene	31.49	252	18746	2.61	ul/l	74
82) Indeno[1,2,3-cd]pyrene	33.76	276	8303	1.11	ul/l	80
84) Benzo[g,h,i]perylene	34.28	276	6025	1.03	ul/l	100

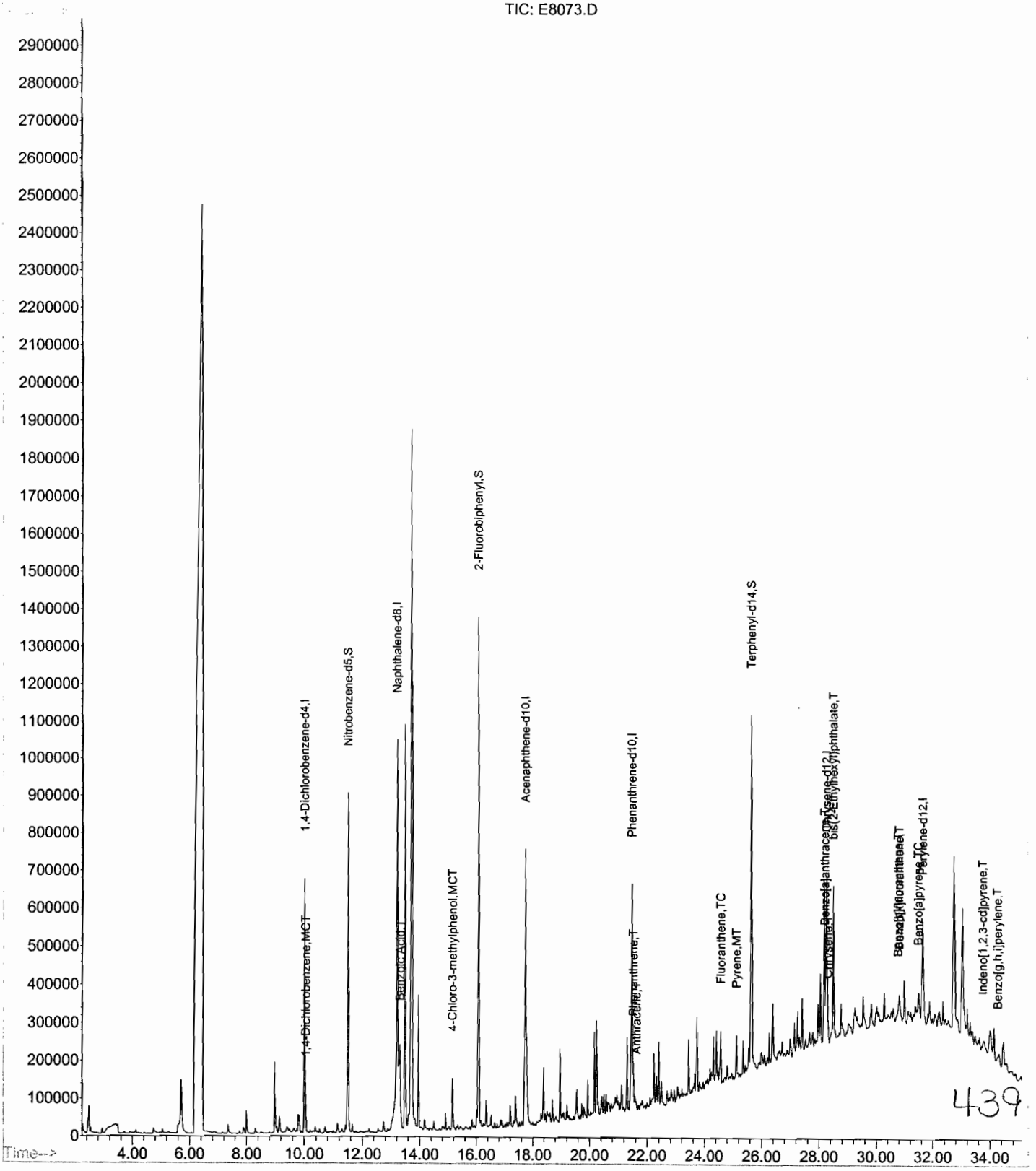
438

(#) = qualifier out of range (m) = manual integration
E8073.D SVE81220.M Thu Dec 30 16:55:11 2004 .

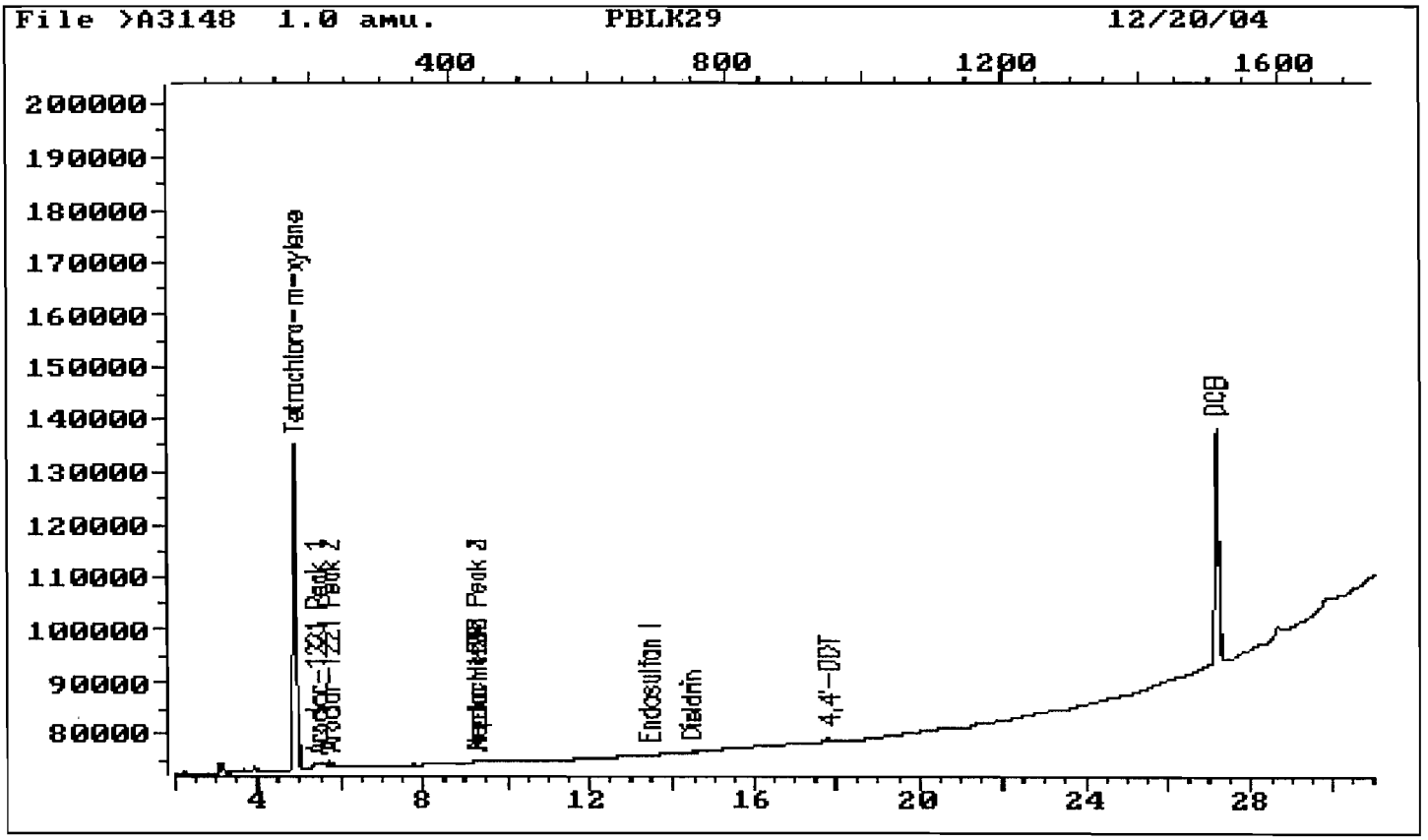
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Acq On : 23 Dec 2004 1:05 Operator: JOSE
Sample : 0413159 Inst : GC/MS Ins
Misc : SOIL 6513 12/20/04 NS-10 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 23 7:51 2004 Quant Results File: SVE81220.RES

Method : D:\E\METHODS\SVE81220.M (RTE Integrator)
Title : SEMI-VOA 8270 CALIBRATION HP5971BE
Last Update : Tue Dec 28 11:02:53 2004
Response via : Initial Calibration

TIC: E8073.D



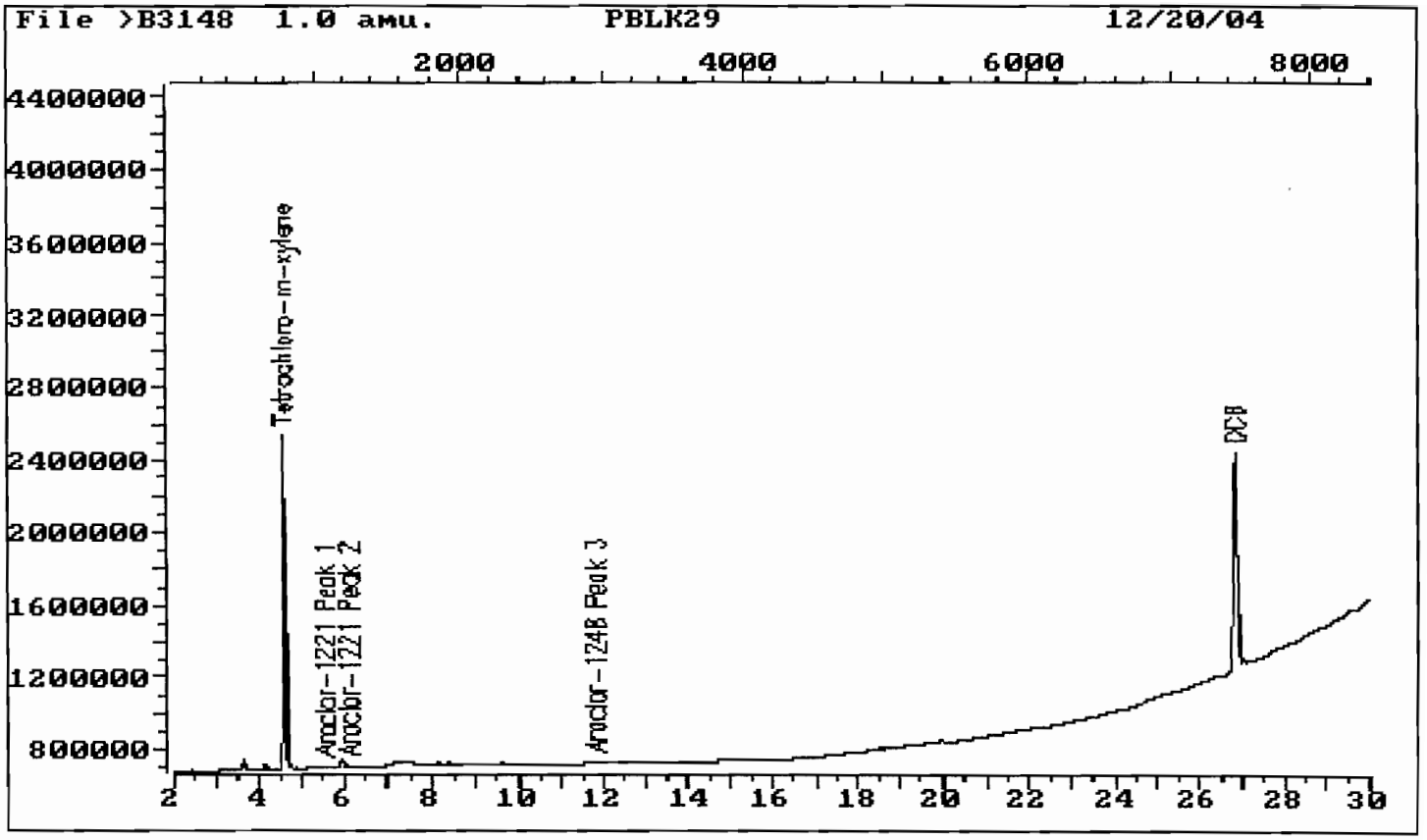
439



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Name: PBLK29 Instrument ID: A
Misc: 12/20/04

Id File: IDPP1::G5
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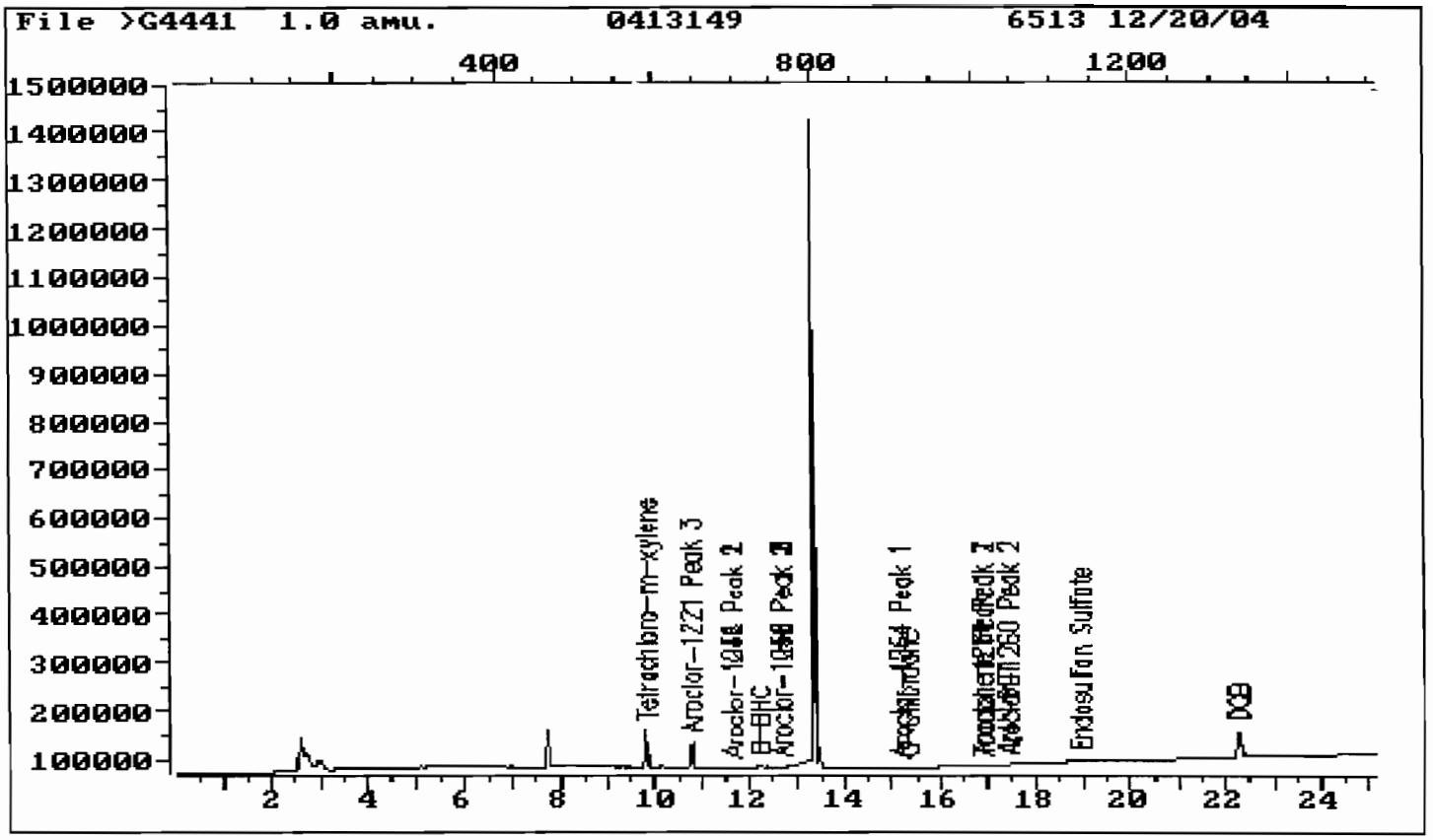
Operator ID: JERRY
Quant Time : 041222 09:21
Injected at: 041221 20:21



Data File: >B3148::G1 Quant Output File: ^B3148::QT
Name: PBLK29 Instrument ID: B
Misc: 12/20/04

Id File: IDPP2::G5
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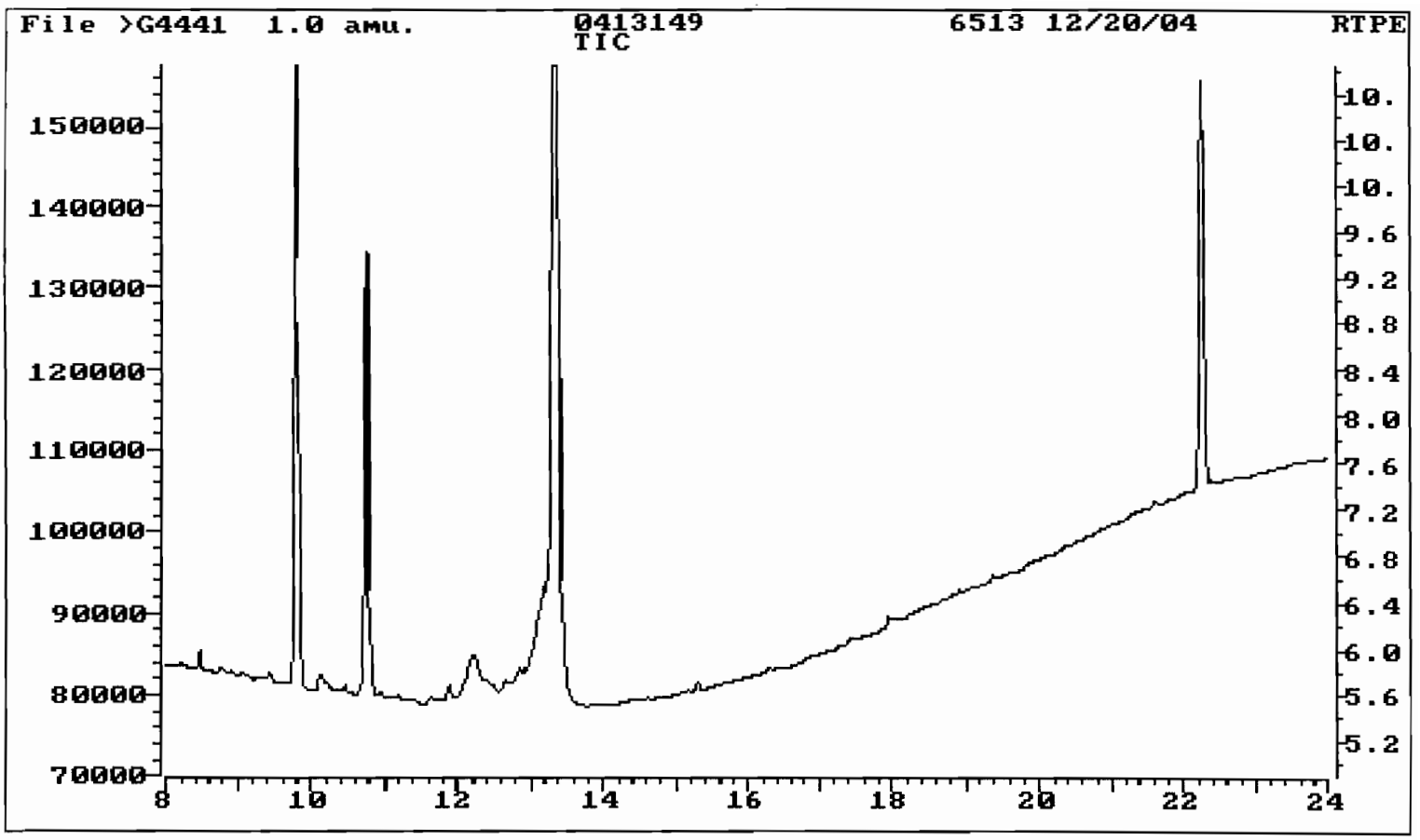
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Injected at: 041221 20:57

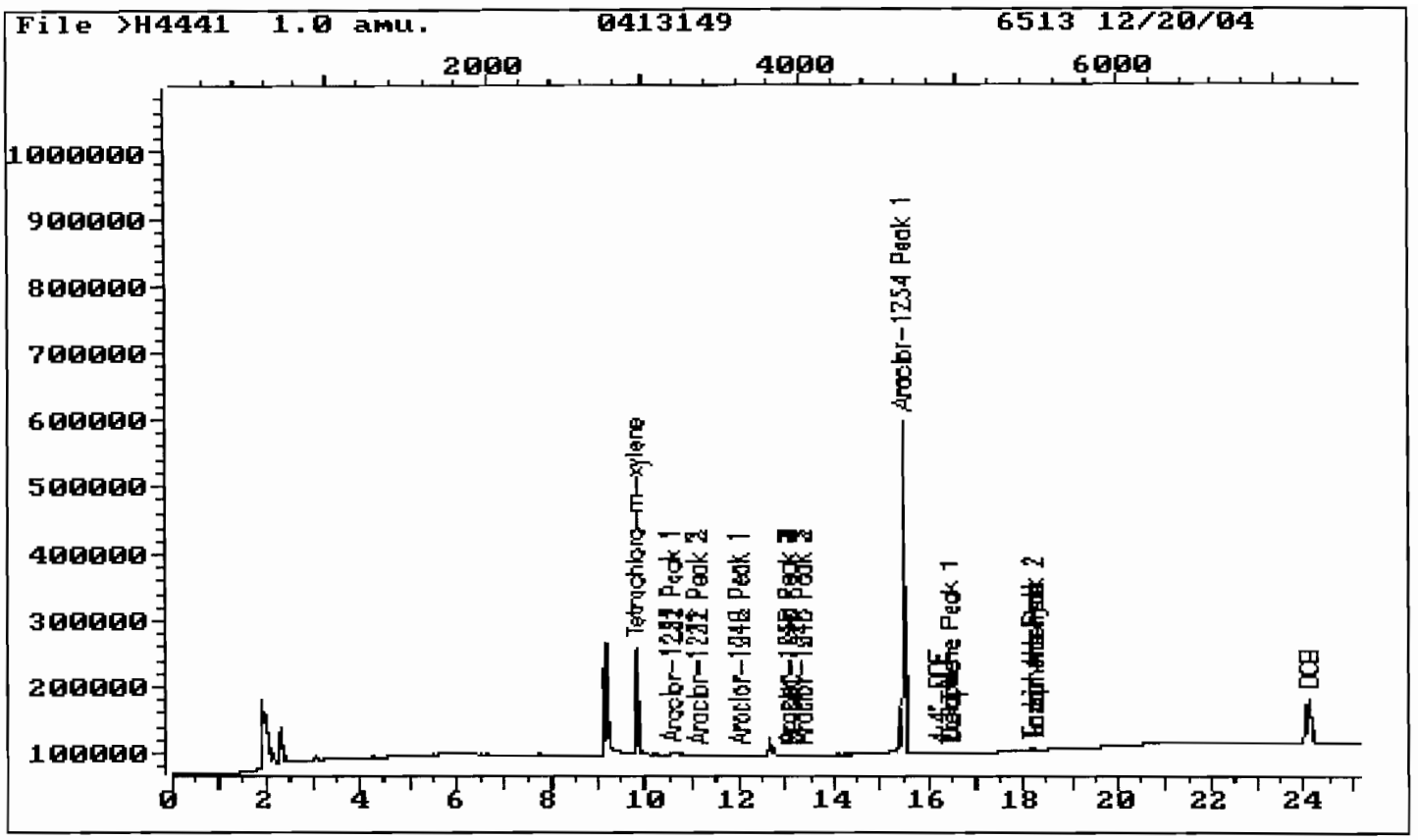


Data File: >G4441::G3 Quant Output File: ^G4441::QT
Name: 0413149 Instrument ID: G
Misc: 6513 12/20/04 RTPEA NS-1W

Id File: IDPP7::G5
Title: PESTICIDES/PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 041230 16:36 Last Qcal Time: 041230 12:18

Operator ID: PHIL
Quant Time : 041230 16:53
Injected at: 041230 12:48

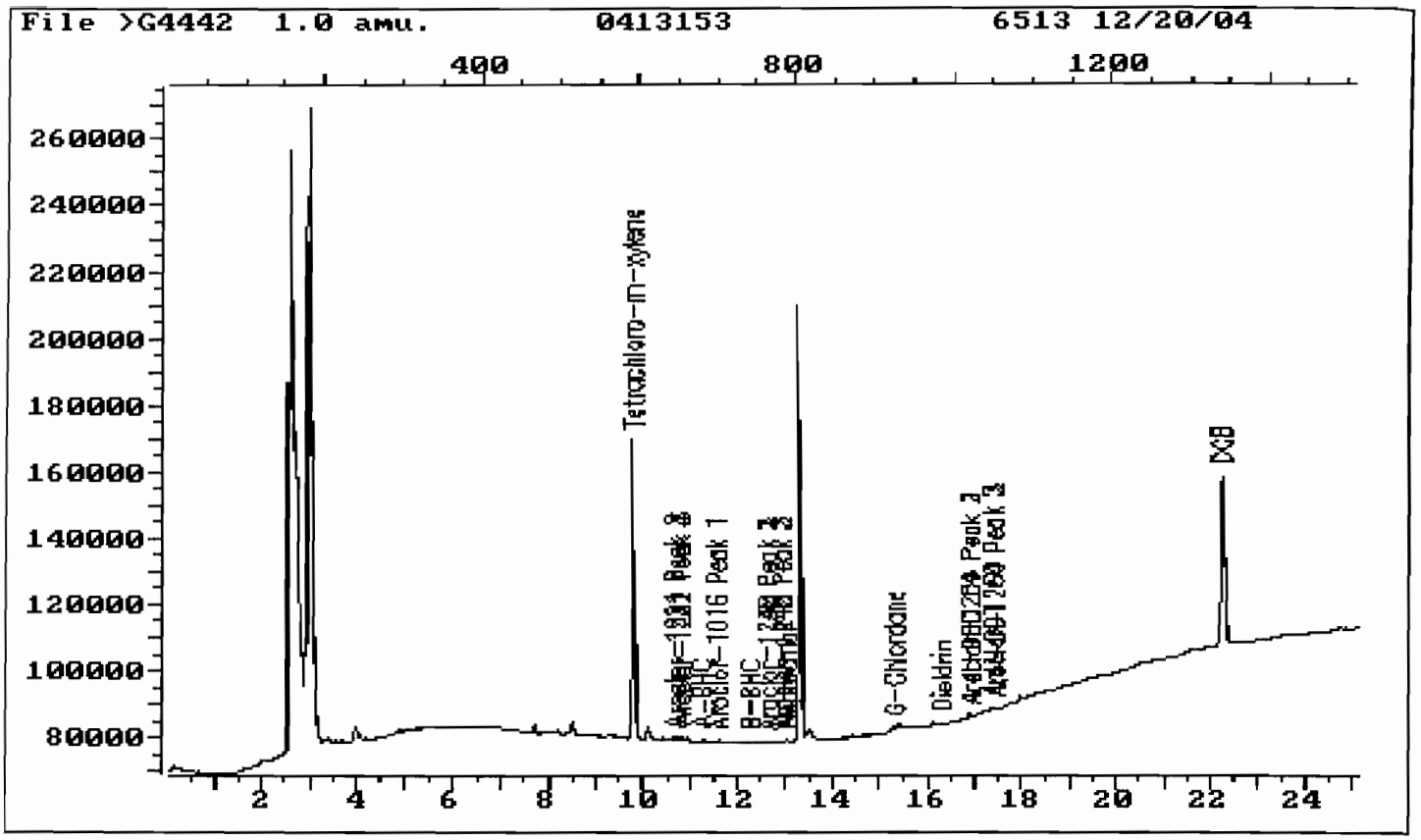

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TIC
6513 12/20/04
RTPE
150000
140000
130000
120000
110000
100000
90000
80000
70000
10.
10.
10.
9.6
9.2
8.8
8.4
8.0
7.6
7.2
6.8
6.4
6.0
5.6
5.2
8
10
12
14
16
18
20
22
24



Data File: >H4441::G3 Quant Output File: ^H4441::QT
Name: 0413149 Instrument ID: H
Misc: 6513 12/20/04 RTPEA NS-1W

Id File: IDPP8::G5
Title: PESTICIDES/PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 041230 16:37 Last Qcal Time: 041230 12:48

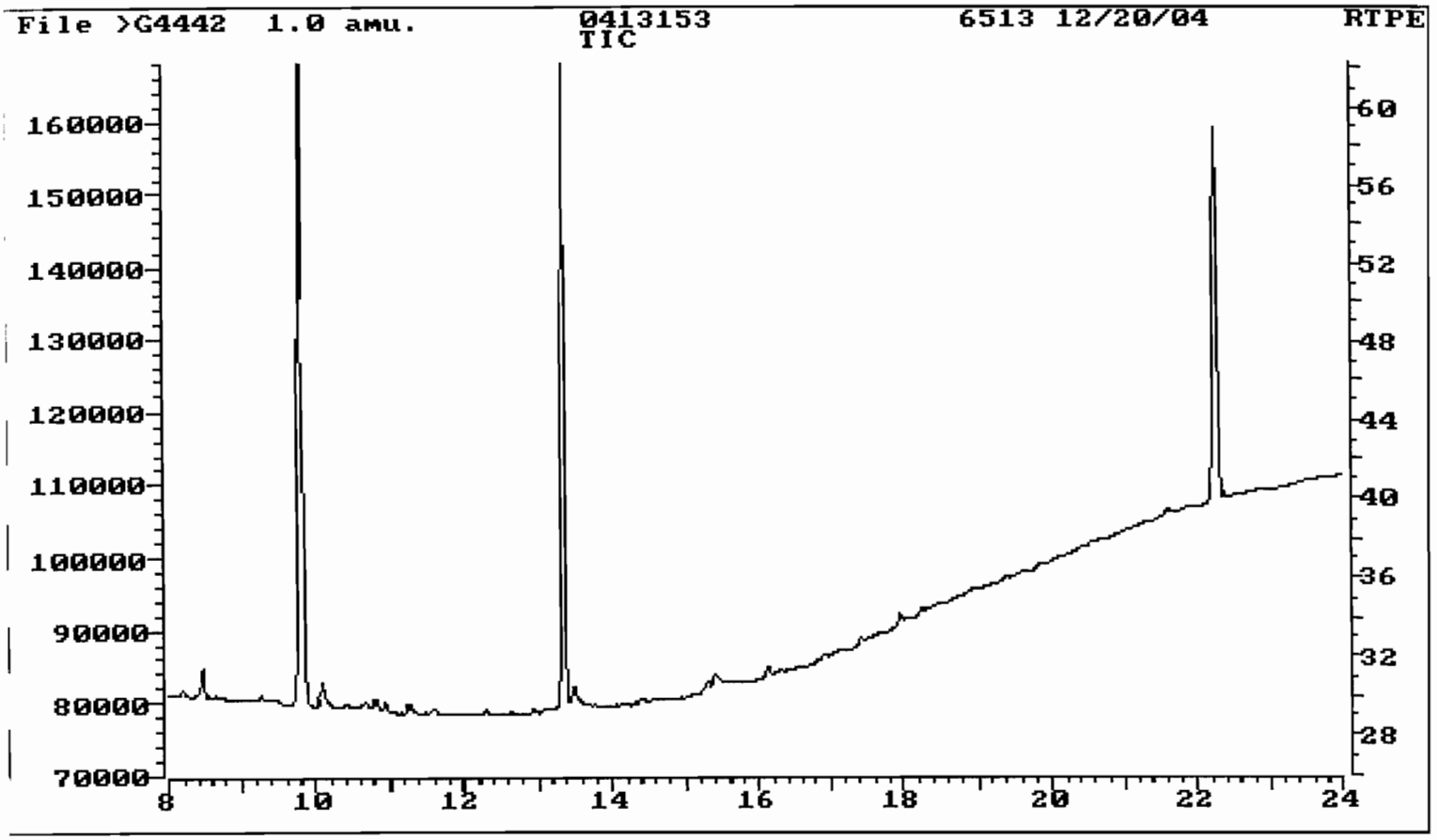
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Quant Time : 041230 16:58
Injected at: 041230 13:19

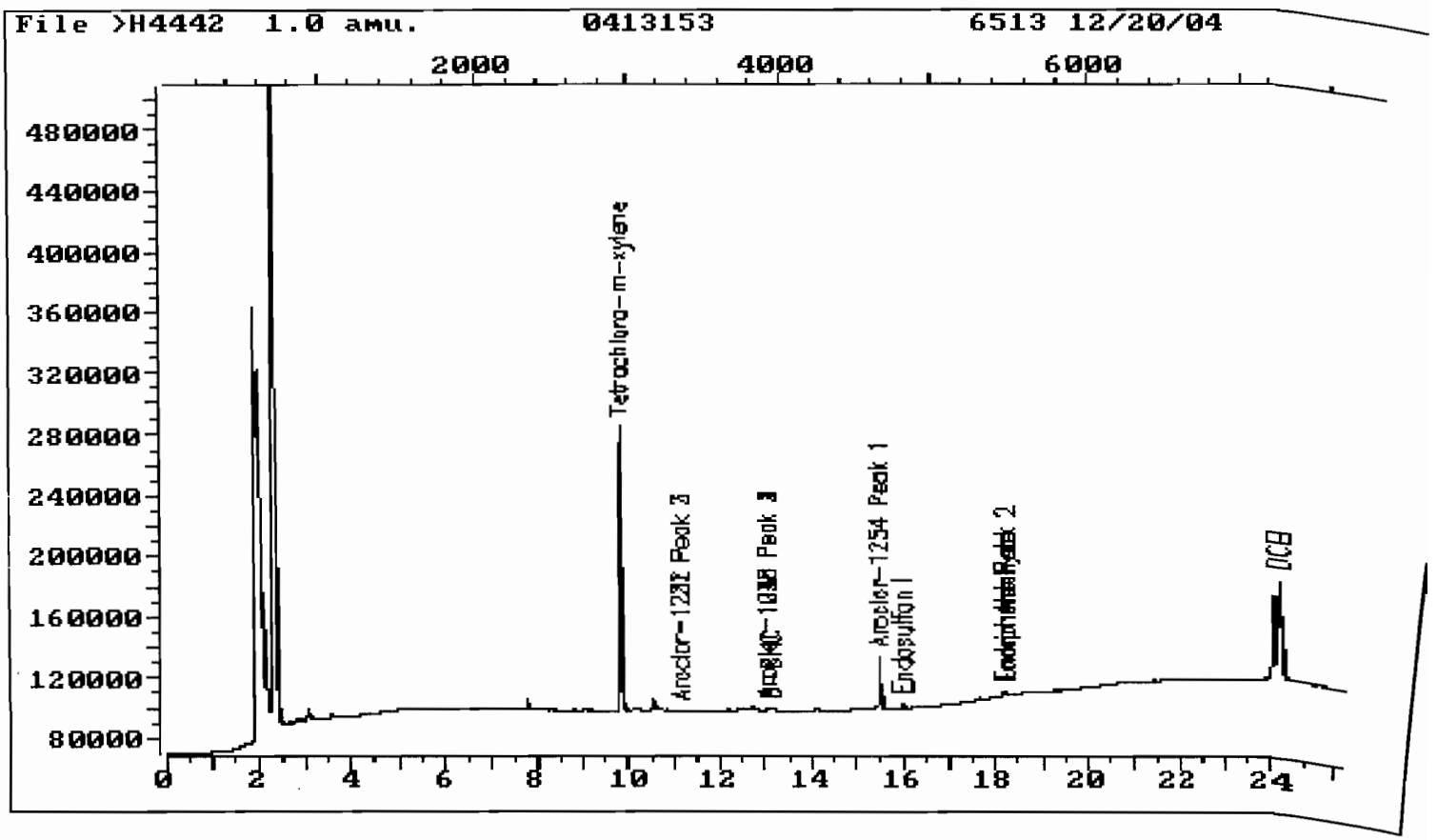


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Name: 0413153 Instrument ID: G
Misc: 6513 12/20/04 RTPEA NS-4W

Id File: IDPP7::G5
Title: PESTICIDES/PCB'S HP5890-G RTX-5 0.53mm 1.0uL
Last Calibration: 041230 16:36 Last Qcal Time: 041230 12:18

Operator ID: PHIL
Quant Time : 041230 16:54
Injected at: 041230 13:19


File >G4442 1.0 amu.
0413153
TIC
6513 12/20/04
RTPE
160000
150000
140000
130000
120000
110000
100000
90000
80000
70000
60
56
52
48
44
40
36
32
28
8
10
12
14
16
18
20
22
24



Data File: >H4442::G2 Quant Output File: ^H4442::QT
Name: 0413153 Instrument ID: H
Misc: 6513 12/20/04 RTPEA NS-4W

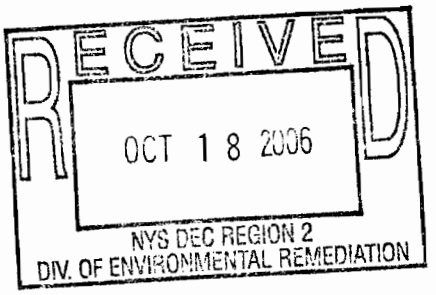
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Title: PESTICIDES/PCB'S HP5890-H RTX-1701 0.53mm 1.0uL
Last Calibration: 041230 16:37 Last Qcal Time: 041230 12:48

Operator ID: PHIL
Quant Time : 041230 17:01
Injected at: 041230 13:50

447
END

RTP ENVIRONMENTAL ASSOCIATES, INC.
AIR • WATER • SOLID WASTE CONSULTANTS
239 U.S. Highway 22 East
Green Brook, New Jersey 08812-1909
(www.rtpenv.com)
(732) 968-9600
Fax: (732) 968-5279

September 28, 2005



Mr. Ron Mayer
Belmont Metals
330 Belmont Avenue
Brooklyn, New York 11207

RE: Tank Removal and Groundwater Sampling Event
Ney Smelting and Refining Co. Inc., Brooklyn, NY

Dear Mr. Mayer:

RTP Environmental Associates, Inc. (RTP) was retained by your company to perform a tank removal and ground water sampling event at the Ney Smelting and Refining Co. Inc. (Ney Smelting) facility on July 28, 2005. The tank was identified during an interview conducted for the Phase I Environmental Site Assessment site reconnaissance that took place at the site. RTP was informed that a tank was located under the floor of the 269 Freeman section of the building. The tank was examined to determine the volume of liquid in the tank during a subsequent monitoring well installation at the site. An oil/water mixture was encountered in the tank raising the likelihood that there were holes in the tank through which the water flowed into the tank. Results from a December 2005 sampling event at the site revealed groundwater samples that contained contaminants above the New York State Department of Environmental Conservation's (NYSDEC) 6 NYCRR Part 703-Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (the groundwater standards). A monitoring well was installed at the site as a follow-up to that sampling event.

During the tank removal, the concrete floor was opened and soil was excavated out of the ground to expose the tank at approximately 2'7" below ground surface (bgs). Additional soil around the tank was removed and the return, vent, and fuel lines were cut from the tank and the excavation sidewall. The tank bottom was located at approximately 6' bgs. Approximately 525 gallons of liquid was removed from the tank, which was then removed from the excavation, cut open, and cleaned. The tank was approximately 5'8" long and had a diameter of 45". Four holes were identified at the eastern end of the tank.

The monitoring well was installed in the 238 Eagle section of the building to confirm groundwater contamination that was discovered in a sample collected during the December 2005 sampling event in the basement of the 242 Eagle section of the building. The monitoring well was sampled in April 2005, May 2005, and July 2005. The sample for the April sample event was analyzed for VO+10 and heavy metals (PPM). For the May and July sampling events, the sample was analyzed for PPM.

Sampling

Five samples were collected from the tank excavation. One was collected at the center of the excavation bottom and four were collected at the center point of the bottom of each sidewall. Soil from the area of each sample point was collected by a backhoe and a composite sample was taken from the backhoe bucket with a trowel. The excavation center (NS-1) and west sidewall (NS-2) samples were analyzed for volatile organic compounds (VO+10), base neutral compounds (BN+15), toxic characteristic leaching procedure (TCLP) VO, and TCLP BN. The south sidewall (NS-3), north sidewall (NS-4), and east sidewall (NS-5) samples were analyzed using the VO+10 and BN+15 methodologies. Although no soil staining was observed, soil from each sampling point was placed in a Ziploc bag for field screening by a photoionization detector (PID) and soil classification. The PID readings and soil classification of the samples is attached to this letter.

All samples that were taken during the groundwater sampling events were collected from the well using disposable, dedicated polyethylene bailers. They were placed in a cooler with ice and sent to Accredited Laboratories in Carteret, New Jersey. A trip blank accompanied the VO+10 samples for quality assurance/quality control purposes. The reduced laboratory deliverable package accompanies this letter.

Laboratory Results

The soil sample results were compared to the NYSDEC Recommended Soil Cleanup Objectives. Most of the contaminants covered by this standard have numerical concentration thresholds but some substances, mainly polynuclear aromatic hydrocarbons (PAHs), have numerical concentrations below the method detection limit of the laboratory machine. The method detection limit is the lowest concentration of a substance that the laboratory machine can "reliably" detect. The substances that have thresholds below the MDL of the laboratory machine have a threshold set by the MDL as noted in the NYSDEC Recommended Soil Cleanup Objectives. A table containing the sample results for all of the samples is attached to this letter.

The sample results reveal concentrations of benzo(a)anthracene, chrysene, benzo(b)fluoranthene (except NS-1), benzo(k)fluoranthene (except NS-1), benzo(a)pyrene, and dibenz(a,h)anthracene (except NS-1 and NS-3) above the soil standards. These results are consistent with the results from the December 2004 sampling event where soil samples were collected at several points in the facility and most of them had elevated concentrations of PAHs, which is the class of the compounds that are listed above. Some of the sample points, such as NS-2 and NS-4, had contaminant concentrations that were slightly higher than the concentrations found in the sample collected from this area during the December 2004 sampling event, but the contaminant concentrations in all the samples were consistent with the sample results from that sampling event.

Concentrations of lead were also above the groundwater standard in the samples collected during all three sampling events. There was no trend to the lead concentration; it fluctuated between

sampling events. The table showing the groundwater sample results for all three sampling events is attached to this report.

Conclusions and Recommendations

Since the soil sample results were consistent with the results of the previous sampling event and no staining was observed on the soil when the tank was removed, these sample results are consistent with historic fill material contamination. RTP's recommendation on how to address this contamination can be found in the April 2005 Phase II Environmental Site Assessment Report which discusses the results of the December 2004 sampling event. This recommendation included filing a deed notice noting the contaminated fill material at the site.

The lead contamination in the groundwater possibly comes from two sources. These sources are the contaminated fill material under the building, or an offsite source. Although soil samples taken within the vicinity of the monitoring well had lead concentrations at or below the approximate site background level that was established in the April 2005 report, the groundwater samples from the December 2004 event show a significant amount of lead in the turbid groundwater samples. Since the concentration of lead was so elevated in those samples, there's a possibility that when a monitoring well sample is collected and most, if not all, of the soil is removed from the sample that lead exceedances will still take place. The possibility exists for an offsite source because the monitoring well is very close to the border of the site and none of the soil samples in that area contained a highly elevated concentration of lead. RTP recommends continued monitoring of the well in preparation to file a deed notice for the site. Since the site is in a highly industrialized area and removing the contaminated fill material is not feasible, a deed notice with continued monitoring should serve as an acceptable remedial action for this site.

If you have any questions, please feel free to call the undersigned.

Sincerely,

RTP ENVIRONMENTAL ASSOCIATES, INC.

A. Roger Greenway, QEP, CCM
Principal
e-mail: greenway@rtpenv.com

ARG/okm

Enclosures

Cc: NSBNY Corr. File

July 28, 2005

Ney Smelting
269 Freeman St.
Brooklyn, NY

NS-1
7.5YR3/3 dry, subangular silty sand
PID: 42.1 ppm

Soil sample collected at 6.0'-6.5' for BN+15, VO+10, TCLP VO, TCLP BN

NS-2
7.5YR2.5/1 dry, subangular silty, fine sand
PID: 6.1 ppm

Soil sample collected at 5.5'-6.0' for VO+10, BN+15, TCLP VO, TCLP BN

NS-3
7.5YR2.5/2 dry, angular sandy silt w/ gravel (5%)
PID: 4.5 ppm

Soil sample collected at 5.5'-6.0' for VO+10, BN+15

NS-4
7.5YR2.5/2 dry, angular sandy silt w/ gravel (5%)
PID: 9.5 ppm

Sample collected at 5.5'-6.0' and analyzed for BN+15, VO+10

NS-5
7.5YR2.5/2 dry, angular sandy silt w/ gravel (5%)
PID: 3.2 ppm

Sample collected at 5.5'-6.0' and analyzed for BN+15, VO+10

Base Neutral Soil Sample Summary Table

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Depth:	NS-1 6' - 6.5'	NS-2 5.5' - 6'	NS-2 5.5' - 6'	NS-3 5.5' - 6'
Base Neutrals							
Bis(2-ethylhexyl)phthalate	50	435		U	U	U	.034J
Fluoranthene	50	1900		1.9	5.6	9.8D	2.3
Pyrene	50	665		0.68	14E	9.4D	2.5
Naphthalene	13	13		0.085J	0.32J	0.31JD	0.082J
Acenaphthene	50	90		U	0.71	0.73JD	0.13J
Dibenzofuran	6.2	6.2		U	0.39J	0.39JD	0.077J
Fluorene	50	350		U	0.68	0.75JD	0.13J
Phenanthrene	50	220		0.99	5.3	7.7D	1.4
Anthracene	50	700		0.12J	1.6	2D	0.37J
Benzo(a)anthracene	0.224 or MDL	3		**0.85**	***4.5***	***4.6D***	**1.1**
Chrysene	0.4	0.4		**1.3**	***5.2***	***6.4D***	***1.5***
Benzo(b)fluoranthene	1.1	1.1		1.1	***3.9***	***4.5D***	***1.4***
Benzo(k)fluoranthene	1.1	1.1		0.8	***4.1***	***3.8D***	***1.7***
Benzo(a)pyrene	0.061 or MDL	11		**0.89**	**3.8**	**4.4D**	**1.3**
Indeno(1,2,3-cd)pyrene	3.2	3.2		0.38J	1.6	1.8JD	0.47
Dibenz(a,h)anthracene	0.014 or MDL	165000		**0.17J***	**0.54**	**0.95JD**	**0.14J***
Benzo(g,h,i)perylene	50	800		0.38J	0.31J	1.6JD	0.42
2-Methylnaphthalene	36.4	36.4		0.092J	0.23J	U	0.11J
Acenaphthylene	41	41		U	0.3J	0.32JD	0.14J
Di-n-octylphthalate	50	120		0.099J	U	U	U
Di-n-butylphthalate	8.1	8.1		U	0.095J	U	U
Total Base Neutrals	500			40.39	94.28	100.45D	57.71

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results.
Bold-Exceeds Recommended Soil Cleanup Objectives
D-Result based on a dilution of 10 times the original concentration
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
J-Contaminant concentration found below Method Detection Limit
SB-Site background levels
B- Chemical found in associated blank.
NA-Not Available
U-Not detected in sample
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Base Neutral Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Depth:	NS-4 5.5' - 6'	NS-4 5.5' - 6'	NS-5 5.5' - 6'
Base Neutrals						
Bis(2-ethylhexyl)phthalate	50	435		U	U	U
Fluoranthene	50	1900		8.2E	13D	4.5
Pyrene	50	665		10E	11D	4.9
Naphthalene	13	13		0.36J	0.37JD	0.1J
Acenaphthene	50	90		0.87	0.94JD	0.35J
Dibenzofuran	6.2	6.2		0.6	0.64JD	0.15J
Fluorene	50	350		0.82	0.85JD	0.31J
Phenanthrene	50	220		6.8E	9.1D	3.1
Anthracene	50	700		1.7	2.1D	0.52
Benzo(a)anthracene	0.224 or MDL	3		***4.9***	***5.2D***	**2.3**
Chrysene	0.4	0.4		***5.8***	***7.3D***	***2.8***
Benzo(b)fluoranthene	1.1	1.1		***5.6***	***4.6D***	***2.8***
Benzo(k)fluoranthene	1.1	1.1		***4.5***	***4.4D***	***2.3***
Benzo(a)pyrene	0.061 or MDL	11		**4.6**	**4.8D**	**2.2**
Indeno(1,2,3-cd)pyrene	3.2	3.2		1.3	2.1D	0.72
Dibenz(a,h)anthracene	0.014 or MDL	165000		**0.4**	**1.1JD***	**0.37**
Benzo(g,h,i)perylene	50	800		1.2	1.8JD	0.62
2-Methylnaphthalene	36.4	36.4		0.2J	U	0.065J
Acenaphthylene	41	41		0.31J	0.3JD	0.15J
Di-n-butylphthalate	8.1	8.1		U	U	U
1,4-Dichlorobenzene	NA	NA		U	U	U
Total Base Neutrals	500			99.3	110.94D	67.26

*-Above Recommended Soil Cleanup Objective standard but below MDL.
**-Above Groundwater Standards/Criteria of 5 ppb
***-Above approximate site background concentration, as calculated from sample results
Bold-Exceeds Recommended Soil Cleanup Objectives
D-Result based on a dilution of 10 times the original concentration
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
J-Contaminant concentration found below Method Detection Limit
SB-Site background levels
B- Chemical found in associated blank.
NA-Not Available
U-Not detected in sample
E-Concentration exceeds highest calibration standard
Sample results and standards are in parts per million (ppm).

Volatile Organic Compound Soil Sample Summary Table							
	Recommended Soil	**Soil Cleanup Objectives to**	**Field Sample #**	NS-1	NS-1	NS-2	NS-2
Chemical	**Cleanup Objectives**	**Protect Groundwater Quality**	**Sample Depth:**	6' - 6.5'	6' - 6.5'	5.5' - 6'	5.5' - 6'
Volatile Organics							
Methylene Chloride	0.1	0.1		0.015B	0.009B	0.019B	0.015B
Acetone	0.2	0.11		0.004JB	0.017B	0.052B	0.047B
Tetrachloroethene	1.4	1.4		0.009	0.005J	0.007	0.004J
Total Volatile Organics	10			.059J	0.031	0.135J	U
			Field Sample #	NS-3	NS-4	NS-4	
			Sample Depth:	5.5' - 6'	5.5' - 6'	5.5' - 6'	
Volatile Organics							
Methylene Chloride	0.1	0.1		0.009B	0.011B	0.008B	
Acetone	0.2	0.11		0.009B	0.007B	0.006B	
Tetrachloroethene	1.4	1.4		0.003J	0.002J	U	
Total Volatile Organics	10			0.054J	0.038J	U	

*-Above Recommended Soil Cleanup Objective standard but below MDL.
***-Above approximate site background concentration, as calculated from sample results.
Bold-Exceeds Recommended Soil Cleanup Objectives
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit
D-Result based on a dilution of 10 times the original concentration

SB-Site background levels
NA-Not Available
U-Not detected in sample
B- Chemical found in associated blank.
Sample results and standards are in parts per million (ppm).

Volatile Organic Compound Soil Sample Summary Table (cont.)

Chemical	Recommended Soil Cleanup Objectives	Soil Cleanup Objectives to Protect Groundwater Quality	Field Sample # / Sample Depth:	NS-5 5.5' - 6'	NS-5 5.5' - 6'	TB
Volatile Organics						
Methylene Chloride	0.1	0.1		0.008B	0.004JB	0.004JB
Acetone	0.2	0.11		0.016B	0.004JB	0.004JB
Tetrachloroethene	1.4	1.4		0.003J	0.001J	U
Total Volatile Organics	10			0.093J	U	0.014J

*-Above Recommended Soil Cleanup Objective standard but below MDL.
***-Above approximate site background concentration, as calculated from sample results
Bold-Exceeds Recommended Soil Cleanup Objectives
Italics-Exceeds Soil Cleanup Objectives to Protect Groundwater Quality
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit
D-Result based on a dilution of 10 times the original concentration
SB-Site background levels
NA-Not Available
U-Not detected in sample
B- Chemical found in associated blank.
Sample results and standards are in parts per million (ppm).

Monitoring Well Groundwater Sample Summary Table

	Groundwater Quality	Field Sample #	MW-1	TB	MW-1	FB	MW-1	FB
Chemical	**Standards**	**Sampling Date**	4/1/05	4/1/05	5/6/05	5/6/05	7/28/05	7/28/05
Heavy Metals								
Chromium	50		21.4	NA	U	U	U	U
Copper	200		19.4	NA	35.6	19.9	11.6	19.9
Lead	25		**118**	NA	**55.8**	NA	**85.3**	NA
Volatile Organics								
2-Butanone	50		0.9	U	NA	NA	NA	NA
Acetone	50		3	U	NA	NA	NA	NA
Carbon disulfide	NA		U	3	NA	NA	NA	NA
Total Volatile Organics	10		3.9	3	NA	NA	NA	NA

B- Chemical found in associated blank.
D-Result based on a dilution of 10 times the original concentration
E-Concentration exceeds highest calibration standard
J-Contaminant concentration found below Method Detection Limit
NA-Not Available
U-Not detected in sample
Bold-Exceeds Groundwater Quality Standards
Sample results and standards are in parts per billion (ppb).

ACCREDITED LABORATORIES, INC.
Implementing Tomorrow's Technology, Today™...

Analytical Data Report

for

RTP Environmental Associates
239 U.S. Hwy. 22
Green Brook, NJ 08812

N S B N Y - Ney Smelting

Accredited Laboratories Case No.: 8501
Date Received: 07/28/05

Field ID	Laboratory Sample #
FB	200507545
MW-1	200507546
NS-1	200507547
NS-2	200507548
NS-3	200507549
NS-4	200507550
NS-5	200507551
TB	200507552

Accredited Laboratories, Inc. New York Certification Number 11169. This data has been reviewed and accepted by:

Theodore C. Gaydos

Theodore C. Gaydos
Technical Director

(732) 541-2025

CORPORATE OFFICES
20 Pershing Avenue
Carteret, New Jersey 07008

FAX (732) 541-1383

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ACCREDITED LABORATORIES, INC.
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 541-2025 FAX (732) 541-1383

CHAIN OF CUSTODY FORM

STATE AGENCY NJ (NY) PA CT DE OTHER ____

CLIENT	RTP Environmental Associates, Inc	PROJECT	NSBNY-Ney Smelting
ADDRESS	234 U.S. Highway 22	CONTACT	Omar Minnicks
CITY	Green Brook	PHONE	732-968-9600
STATE	NJ ZIP 08812	FAX	732-968-5279

ALI SAMPLE #	FIELD ID	*C	**M	DATE / TIME SAMPLED	SAMPLE DESCRIPTION	ANALYSIS
0507545	FB	1	A	7/28	Field blank	PPM
0507546	MW-1	1	A	7/28 928	n 278 Eagle	PPM
0507547	NS-1 ~~23~~	2	S	7/28 1302	center of excavation	BNHS, VOHO, TCLP VO, TCLP BNA
0507548	NS-2	2	S	7/28 1305	W sidewall	" " " "
0507549	NS-3	2	S	7/28 1309	S sidewall	VOHO, BNHS
0507550	NS-4	2	S	7/28 1314	N sidewall	" "
0507551	NS-5	2	S	7/28 1314	E sidewall	" "
0507552	TB	2	A		trip blank	VOHO

**M = MATRIX — A=AQUEOUS S=SOIL G=SLUDGE P=POTABLE WATER O=OIL F=FILTER K=SOLID X=OTHER

*C = NO. CONTAINERS — TURNAROUND: 5 day (If Blank, Std. 3 weeks)

DELIVERABLES (circle one) — STD (REDUCED) FULL OTHER ____

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
Omar Minnicks	Omar Minnick	Joe Logan	Joe Logan	ALS	7/28	1700	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Omar Minnicks SIGN: Omar Minnick

COMMENTS	Temp 4°C Discount

ALI QUOTE#	
ALI CASE#	8501
P.O.#	NSBNY Ney Smelting

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No.: none Date Broken: __/__/__ Military Time Seal Broken _____

Case No.: 8101 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1	200507547	VO10	07/28/05	07/28/05
NS-2	200507548	VO10	07/28/05	07/28/05
NS-3	200507549	VO10	07/28/05	07/28/05
NS-4	200507550	VO10	07/28/05	07/28/05
NS-5	200507551	VO10	07/28/05	07/28/05
TB	200507552	VO10	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name: Joe Logan	Printed Name: Gary Fish	
		Signature: Joe Logan	Signature: Gary Fish	Analysis
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

2

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Samples — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 8501 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1	200507547	TCLP VOA	07/28/05	07/28/05
NS-2	200507548	TCLP VOA	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
7/28/05	1000	Printed Name P. Kunkle	Printed Name Gary Fish	analysis/ Cold Storage
		Signature PK	Signature
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J. Name: Joe Logan Title: SRO

Field Sample Seal No.: none Date Broken: __/__/__ Military Time Seal Broken _____

Case No 8501 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1	200507547	BN15	07/28/05	07/28/05
NS-2	200507548	BN15	07/28/05	07/28/05
NS-3	200507549	BN15	07/28/05	07/28/05
NS-4	200507550	BN15	07/28/05	07/28/05
NS-5	200507551	BN15	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/1/05	9:30	Printed Name: Joe Logan Signature: Joe Logan	Printed Name: J. Bustin Signature: J. Bustin	Extraction
8/1/05	11:30	Printed Name: J. Bustin Signature: J. Bustin	Printed Name: Joe Logan Signature: Joe Logan	Cold Storage
		Printed Name: Signature:	Printed Name: Signature:	Extract Storage
8/3/05		Printed Name: J. Bustin Signature: J. Bustin	Printed Name: JM Muniz Signature:	Analysis
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	
		Printed Name: Signature:	Printed Name: Signature:	

FORM: 991CNS

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle . Accepting Responsibility for Sample	Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J. Name: Joe Logan	Title: SRO
Field Sample Seal No. none	Date Broken: __/__/__	Military Time Seal Broken _____
Case No: 85 1	Check if No Seal on Sample Shuttle.	

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1	200507547	TCLP EXT ORG	07/28/05	07/28/05
NS-2	200507548	TCLP EXT ORG	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/1/05	1200	Printed Name: Joe Logan Signature: Joe Logan	Printed Name: P. Kunkle Signature: PK	Extraction
8/1/05	1300	Printed Name: P. Kunkle Signature: PK	Printed Name: Joe Logan Signature: Joe Logan	cold Storage
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: 291COC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample — Laboratory: Accredited Laboratories, Inc. Location: Carteret, N.J.

Name: Joe Logan Title: SRO

Field Sample Seal No. none Date Broken: __/__/__ Military Time Seal Broken _____

Case No. 8501 ✓ Check if No Seal on Sample Shuttle.

Field #	Laboratory #	Test Name	Date Sampled	Date Received
NS-1	200507547	TCLP BNA	07/28/05	07/28/05
NS-2	200507548	TCLP BNA	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/2/05	1000	Printed Name P. Kunkle Signature PK	Printed Name Joe Logan Signature	Cold Storage
8/3/05	1000	Printed Name Joe Logan Signature	Printed Name E. Simko Signature	Extraction
8/3/05	1100	Printed Name E. Simko Signature	Printed Name Joe Logan Signature	Cold Storage
		Printed Name Signature	Printed Name Signature	Extract Storage
		Printed Name E. Simko Signature	Printed Name J. Muniz Signature	Analysis
		Printed Name Signature	Printed Name Signature	
		Printed Name Signature	Printed Name Signature	

FORM: ACOC

Accredited Laboratories, Inc.

INTERNAL CHAIN OF CUSTODY

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Accredited Laboratories, Inc.	Location: Carteret, N.J.	
	Name: Joe Logan	Title: SRO	
Field Sample Seal No. none	Date Broken: __/__/__	Military Time Seal Broken	
Case No. 8591	✓ Check if No Seal on Sample Shuttle.		

Field #	Laboratory #	Test Name	Date Sampled	Date Received
FB	200507545	PPMET	07/28/05	07/28/05
MW-1	200507546	PPMET	07/28/05	07/28/05

DATE	TIME	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
		Printed Name Joe Logan	Printed Name E. Flores	
		Signature	Signature	Digestion
08/01		Printed Name E. Flores	Printed Name Joe Logan	
		Signature	Signature	Cold Storage
		Printed Name	Printed Name	
		Signature	Signature	digestate storage
08/01		Printed Name E. Flores	Printed Name L. Flores	
		Signature	Signature	Analysis
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	

FORM: CPICOC

METHODOLOGY SUMMARY

Volatile Organics - EPA 8260 (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Volatile Organics - EPA 8260 (aqueous)

Volatile organic compounds are purged from a 5 ml sample by bubbling an inert gas through the aqueous sample. The purgeables are trapped in a sorbent column. When purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature-programmed to separate the purgeables which are then detected with a mass spectrometer.

Base-Neutral/Acid Extractables - EPA 8270 (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

Metals (aqueous)

A 100 ml portion of aqueous is digested with nitric acid on a hot plate and evaporated to near dryness cautiously. The digestate is then refluxed with either nitric acid or hydrochloric acid. Diluted hydrochloric acid is used as the final reflux acid for the flame AA or ICAP of Ag, Al, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Ni, Sb, Sn, Tl and Zn. Diluted nitric acid is employed as the final dilution acid for the furnace AA analysis of As, Pb and Se. For the graphite furnace analysis, an aliquot of the digestate is spiked with modifier solution and is placed into the graphite furnace. The aliquot is then slowly evaporated to dryness, charred and atomized. The absorption of the EDL radiation during atomization is proportional to the element concentration. For the flame AA, the digestate is aspirated and atomized into a flame. The absorption of the HCL radiation during atomization is proportional to the element concentration. The basis of the ICAP

method is the measurement of the atomic emission by an optical spectroscope technique. The emission spectra are dispersed by a grating spectrometer and the intensities of the line are measured and processed by a computer system. For mercury analysis, a 100 ml portion of sample is digested with potassium permanganate and persulfate at acidic conditions in a water bath at 95°C. The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedures associated with the Atomic Absorption technique are derived from "EPA Methods for Chemical Analysis of Water and Wastes" - EPA Method 200 Series. The analytical procedures associated with ICAP techniques are derived from EPA Method 200.7.

Toxic Characteristic Leaching Procedure - TCLP (EPA Method 1311)

Before the leaching procedure can be initiated, the information regarding the wet % and dry % solid of the solid sample as well as the utilization of extraction fluid, either #1 or #2, must be determined.

For Volatile Analysis, a special extractor called Zero Headspace Extractor (ZHE) must be used to generate the TCLP leachate. A maximum of 25 grams of sample is placed in the vessel as the liquid portion is pressed out and saved. A 20X of extraction fluid #1 is charged into the vessel. After 18 +/- 2 hours rotation at 30 +/- 2 rpm, the liquid is pressed out of the vessel. The leachate from ZHE is combined with the initial liquid portion, if any. This is referred as TCLP Leachate. The contaminants in the leachate is determined by EPA Method 8260.

For Non-Volatile Analysis, a minimum of 100 grams is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate, if any, is saved. A 20X of extracted fluid, either #1 or #2, is charged in the glass extraction bottle and then rotated at 30 +/- 2 rpm for 18 +/- 2 hours. After rotation, the sample is filtered through 0.6 to 0.8 um glass fiber filter. The filtrate is combined with the initial liquid, if any. This is referred as TCLP Leachate. The contaminants of Base Neutrals/Acids (BNA), pesticides and herbicides in the leachate are determined by EPA Method 8270, EPA Method 8081 and 8150 respectively.

Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:21:02

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: H T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 Hard Copy Due: 08/09/05
Client Project Name: N S B N Y - Ney Smelting

Date Sampled: 07/28/05 Date Received: 07/28/05 Report Package: Reduced

Test: VO10 QC#: _____
Test Description: Volatile Organics + 10 (VO10)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
NS-1	8501	200507547	S				8-01-05	19:26	GF	Y
NS-2	8501	200507548	S				8-01-05	19:59		Y
NS-3	8501	200507549	S				8-01-05	20:32		Y
NS-4	8501	200507550	S				8-01-05	21:04		Y
NS-5	8501	200507551	S				8-01-05	21:37		Y
TB	8501	200507552	A				8-01-05	12:28		

Reviewed by: _____ Date: 8/16/05

Abreviations: Sample Matrix:
Mtx: A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge
X=Other

RPT: Report01

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Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:21:01

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: K T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 w Hard Copy Due: 08/09/05
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:07/28/05 Date Received:07/28/05 Report Package: Reduced

Test: TCLP VOA QC#: _____
Test Description:TCLP Volatiles (TCLP VOA)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	
NS-1	8501	200507547	S	8/1/05	1500	PK	8/3/05	18:11	JM	
NS-2	8501	200507548	S	"	"	"	"	18:56	"	

Reviewed by: _____ Date: 8/3/05

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

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Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:21:00

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: K T P Environmental Assoc. Test Date Due: 08/04/05
Fax Data Due: 08/03/05 w Hard Copy Due: 08/09/05
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:07/28/05 Date Received:07/28/05 Report Package: Reduced

Test: BN15 QC#: _____
Test Description:Base Neutral Compounds + 15 (BN15)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	=
NS-1	8501	200507547	S	8/1/05		JBB	8/03/05	02:43	JM	Y
NS-2	8501	200507548	S					03:25		Y
NS-3	8501	200507549	S					04:08		Y
NS-4	8501	200507550	S					04:51		Y
NS-5	8501	200507551	S					05:33		Y

Reviewed by: _____ Date: 8/04/05

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

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Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:21:01

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: R T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 W Hard Copy Due: 08/09/05
Client Project Name: N S B N Y - Ney Smelting

Date Sampled:07/28/05 Date Received:07/28/05 Report Package: Reduced

Test: TCLP EXT ORG QC#:_____
Test Description:TCLP Extraction Organics (TCLP EXT ORG)

By Method: _____

SAMPLE IDENTIFICATION			Mtx	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#		Date	Time	Init	Date	Time	Init	
NS-1	8501	200507547	S	8/1/05	1500	PK				
NS-2	8501	200507548	S	"	"	"				

Reviewed by: PK Date: 8/1/05

Abreviations:Sample Matrix:
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge
X=Other RPT:Report01

Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:21:00

ORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: E T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 w Hard Copy Due: 08/09/05
Client Project Name: N S B N Y - Ney Smelting

Date Sampled: 07/28/05 Date Received: 07/28/05 Report Package: Reduced

Test: TCLP BNA QC#: _____
Test Description: TCLP Base Neutral Acid (TCLP BNA)

By Method: _____

SAMPLE IDENTIFICATION			M	EXTRACTION			ANALYSIS			TIC FLAG
Field#	Case#	Sample#	t x	Date	Time	Init	Date	Time	Init	
NS-1	8501	200507547	S	8/2/05		B.	8/2/05	19:59	JM	
NS-2	8501	200507548	S	1		1	1	20:42	1	

Reviewed by: _____ Date: 8/3/05

Abreviations: Sample Matrix:
Mtx: A=Aqueous: S=Soil: O=Oil: K=Solid: F=Filters: P=Potable Water: G=Sludge
X=Other RPT: Report01

Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:20:58
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: R T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 Hard Copy Due: 08/09/05
Field#: FB Case#: 8501 Sample#: 200507545
Client Sample Description:
Date Sampled: 07/28/05 Date Received: 07/28/05 Report Package: Reduced

Test: PPMET QC#: 05024-W
Test Description: Priority Pollutant Metals (PPMET) 05027-LY
Project Name: N S B N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		LABORATORY CHRONICLE ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
A	Antimony	Sb				08-01	EF	08-01	LY	3050-77
A	Arsenic	As								
A	Beryllium	Be								
A	Cadmium	Cd								
A	Chromium-T	Cr								
A	Copper	Cu								
A	Lead	Pb								
A	Mercury	Hg						08.01	EF	337.92
A	Nickel	Ni							LY	3050-77
A	Selenium	Se								
A	Silver	Ag								
A	Thallium	Tl								
A	Zinc	Zn								

Quality control Report Number(s): QC050801A

Reviewed by: LY Date: 08/03 RPT:Report02

Date: 07/26/05 ACCREDITED LABORATORIES, INC. Time: 14:20:59
INORGANIC ANALYSIS LABORATORY CHRONICLE

NY

Client: R T P Environmental Assoc. Test Date Due: 08/11/05
Fax Data Due: 08/03/05 u Hard Copy Due: 08/09/05
Field#: MW-1 Case#: 8501 Sample#: 200507546
Client Sample Description:
Date Sampled: 07/28/05 Date Received: 07/28/05 Report Package: Reduced

Test: PPMET QC#: _____
Test Description: Priority Pollutant Metals (PPMET)
Project Name: N S E N Y - Ney Smelting
Mtx:A=Aqueous:S=Soil:O=Oil:K=Solid:F=Filters:P=Potable Water:G=Sludge:X=Oth
Sample Comments:

By Method: _____

						LABORATORY CHRONICLE PREPARATION		LABORATORY CHRONICLE ANALYSIS		
MTX	ELEMENT	SYM	RESULT	MDL	UNITS	DATE	INIT	DATE	INIT	REF
A	Antimony	Sb				08.01	E F.	08-01	LF	376-77
A	Arsenic	As								
A	Beryllium	Be								
A	Cadmium	Cd								
A	Chromium-T	Cr								
A	Copper	Cu								
A	Lead	Pb								
A	Mercury	Hg						08.01	E.F.	337.02
A	Nickel	Ni							LF	376-77
A	Selenium	Se								
A	Silver	Ag								
A	Thallium	Tl								
A	Zinc	Zn								

Quality control Report Number(s): _____

Reviewed by: LF Date: 08/03 RPT:Report02

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CONFORMANCE/NON-CONFORMANCE SUMMARY

Accredited Labs received 5 soil samples, 1 aqueous sample, 1 field blank sample and 1 trip blank sample (Project: NSBNY - Ney Smelting; ALI Case #8501) from RTP Environmental Associates on 7/28/05 for the analyses of Volatile Organics +10, TCLP Volatile Organics, Base Neutral Organics +15, TCLP Base Neutral Acid Extractable Organics and Priority Pollutant Metals.

All analyses were performed within the required holding time.

All soil analyses were reported on a dry weight basis.

In the Volatile Organic analysis, one surrogate (Bromofluoro-benzene) for ALI Sample #0507547, 0507548, 0507550 and 0507551 was out of criteria. All four samples were reanalyzed and the surrogate was again recovered out of the required criteria. The methylene chloride results reported are due to laboratory contamination.

In the Base Neutral analysis, on 8/3/05, one CCC compound (Pentachlorophenol) was out of criteria; however, this does not affect the results.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analysis stated above."

Theodore C. Gaydos
Technical Director

Qualifiers
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in QA/QC requirements, the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 UNITED STATES

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Acrolein and Acrylonitrile	
Acrylonitrile	EPA 1624
	EPA 603
	EPA 624
	EPA 8260B
Amines	
2-Nitroaniline	Method Not Specified
3-Nitroaniline	Method Not Specified
4-Chloroaniline	Method Not Specified
4-Nitroaniline	Method Not Specified
Carbazole	Method Not Specified
Pyridine	EPA 8260B
	EPA 8270C
Benzidines	
3,3' -Dichlorobenzidine	EPA 1625
	EPA 625
	EPA 8270C
	SM 18-20 6410B
Benzidine	EPA 1625
	EPA 1978,P.1
	EPA 605
	EPA 625
	EPA 8270C

Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	ASTM D3086-90
	EPA 608
	EPA 625
	EPA 8081A
	SM 18-20 6410B
	SM 18-20 6630B
	SM 18-20 6630C
	USGS 1972, Bk5 p.30
4,4'-DDE	ASTM D3086-90
	EPA 608
	EPA 8081A
	SM 18-20 6630B
	SM 18-20 6630C
	USGS 1972, Bk5 p.30
4,4'-DDT	ASTM D3086-90
	EPA 608
	EPA 8081A
	SM 18-20 6630B
	SM 18-20 6630C
	USGS 1972, Bk5 p.30
Aldrin	ASTM D3086-90
	EPA 608
	EPA 625

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Priority Pollutant Phenols	
Pentachlorophenol	EPA 604
	EPA 625
	EPA 8270C
	SM 18-20 6410B
	SM 18-20 6630B
Phenol	EPA 1625
	EPA 604
	EPA 625
	EPA 8270C
	SM 18-20 6410B
	SM 18-20 6420B
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 1625
	EPA 601
	EPA 602
	EPA 612
	EPA 624
	EPA 625
	EPA 8260B
	EPA 8270C
	SM 18-19 6210B
	SM 18-19 6220B
	SM 18-19 6230B

Purgeable Aromatics	
1,2-Dichlorobenzene	SM 18-20 6410B
1,3-Dichlorobenzene	EPA 1625
	EPA 601
	EPA 602
	EPA 624
	EPA 625
	EPA 8260B
	EPA 8270C
	SM 18-19 6210B
	SM 18-19 6220B
	SM 18-19 6230B
	SM 18-20 6410B
1,4-Dichlorobenzene	EPA 1625
	EPA 601
	EPA 602
	EPA 624
	EPA 625
	EPA 8260B
	EPA 8270C
	SM 18-19 6210B
	SM 18-19 6220B
	SM 18-19 6230B
	SM 18-20 6410B

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Purgeable Aromatics	
Benzene	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6220B
Chlorobenzene	EPA 1978, p. 130
	EPA 1624
	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6220B
	SM 18-19 6230B
Ethyl benzene	EPA 602
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Styrene	Method Not Specified
Toluene	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Total Xylenes	EPA 602
Purgeable Aromatics	
Total Xylenes	EPA 624
	EPA 8260B
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
1,1,2,2-Tetrachloroethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
1,1,2-Trichloroethane	EPA 624
	EPA 8260B
	SM 18-19 6210B
1,1-Dichloroethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
1,1-Dichloroethene	EPA 624
	EPA 8260B
	SM 18-19 6210B
1,2-Dichloroethane	EPA 624
	EPA 8260B

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Purgeable Halocarbons	
1,2-Dichloroethane	SM 18-19 6210B
1,2-Dichloropropane	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6230B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Bromoform	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Bromomethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Carbon tetrachloride	EPA 1624
	EPA 601
	EPA 624
	EPA 8260B

Purgeable Halocarbons	
Carbon tetrachloride	SM 18-19 6210B
	SM 18-19 6230B
Chloroethane	EPA 1624
	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6230B
Chloroform	EPA 1978, p. 130
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Chloromethane	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
cis-1,3-Dichloropropene	EPA 1624
	EPA 624
	EPA 8260B
	SM 18-19 6210B
Dibromochloromethane	EPA 601
	EPA 611
	EPA 624

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Purgeable Halocarbons	
Dibromochloromethane	EPA 8260B
	SM 18-19 6210B
Dichlorodifluoromethane	EPA 8260B
Methylene chloride	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6230B
Tetrachloroethene	EPA 1978, p. 130
	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6230B
trans-1,2-Dichloroethene	EPA 601
	EPA 624
	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6230B
trans-1,3-Dichloropropene	EPA 624
	EPA 8260B
	SM 18-19 6210B
Trichloroethene	EPA 601
	EPA 624

Purgeable Halocarbons	
Trichloroethene	EPA 8260B
	SM 18-19 6210B
	SM 18-19 6230B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 624
	EPA 8260B
	SM 18-19 6210B
Purgeable Organics	
2-Butanone (Methylethyl ketone)	EPA 8015 B
	EPA 8260B
2-Hexanone	Method Not Specified
4-Methyl-2-Pentanone	Method Not Specified
Acetone	Method Not Specified
Carbon Disulfide	Method Not Specified
Vinyl acetate	Method Not Specified
Residue	
Solids, Total	EPA 160.3
	SM 18-20 2540B
Solids, Total Dissolved	EPA 160.1
	SM 18-20 2540C
	USGS I-1750-85
Solids, Total Suspended	EPA 160.2

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Residue	
Solids, Total Suspended	SM 18-20 2540D
	USGS I-3765-85
Semi-Volatile Organics	
2-Methylnaphthalene	Method Not Specified
Benzoic Acid	Method Not Specified
Benzyl alcohol	Method Not Specified
Dibenzofuran	Method Not Specified
Wastewater Bacteriology	
Coliform, fecal	EPA 1978, p.124 - MF
	SM 18-20 9221E
	SM 18-20 9222D
Coliform, Total	EPA 1978,P.108 - MF
	EPA 1978,P.114 - MPN
	SM 18-20 9221B
	SM 18-20 9222B
	USGS 1977, B0025-85 - MF
Standard Plate Count	SM 18 9215B
Wastewater Metals I	
Barium, Total	AES 0029
	EPA 200.7
	EPA 200.8
	EPA 208.1
Wastewater Metals I	
Barium, Total	EPA 6010B
	SM 18-19 3111B
	SM 18-20 3120B
	USGS I-3084-85
Cadmium, Total	AES 0029
	ASTM D3557-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 6010B
	SM 18-19 3500-Cd D
	SM 18-20 3120B
	USGS I-1472-85
Calcium, Total	EPA 200.7
	EPA 6010B
Chromium, Total	AES 0029
	ASTM D1687-92 B
	ASTM D1687-92C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 218.1

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Wastewater Metals I	
Chromium, Total	EPA 218.2
	EPA 218.3
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-20 3120B
	USGS I-3236-85
Copper, Total	ASTM D1688-90 (C)
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 220.2
	EPA 6010B
	HACH 8506
	SM 18-19 3113B
	SM 18-19 3500-Cu D
	SM 18-20 3120B
Iron, Total	AES 0029
	AOAC 973.27
	ASTM D1068-90A
	ASTM D1068-90B

Wastewater Metals I	
Iron, Total	ASTM D1068-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.9
	EPA 236.1
	EPA 236.2
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-20 3120B
	USGS I-3381-85
Lead, Total	AES 0029
	ASTM D3559-90A
	ASTM D3559-90B
	ASTM D3559-90C
	ASTM D3559-90D
	ASTM D4190-88
	EPA 200.7
	EPA 200.9
	EPA 239.1
	EPA 239.2
	EPA 6010B

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Wastewater Metals I	
Lead, Total	SM 18-19 3111C
	SM 18-19 3113B
	SM 18-19 3500-Pb D
	SM 18-20 3120B
	USGS I-3399-85
Magnesium, Total	AES 0029
	EPA 200.7
	EPA 6010B
	SM 18-20 3120B
Manganese, Total	AES 0029
	AOAC 974.27
	ASTM D4190-88
	ASTM D858-90A
	ASTM D858-90B
	ASTM D858-90C
	EPA 200.7
	EPA 200.9
	EPA 243.1
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3113B
	SM 18-20 3120B
Nickel, Total	AES 0029

Wastewater Metals I	
Nickel, Total	ASTM D1886-90C
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 249.2
	EPA 6010B
	SM 17 3500-Ni D
	SM 18-19 3113B
	SM 18-20 3120B
Potassium, Total	EPA 200.7
	EPA 6010B
	SM 18-20 3120B
Silver, Total	AOAC 974.27
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 272.1
	EPA 272.2
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-19 3113B

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Wastewater Metals I

Silver, Total	SM 18-20 3120B
	USGS I-3720-85
Sodium, Total	AES 0029
	EPA 200.7
	EPA 6010B
	SM 18-20 3120B

Wastewater Metals II

Aluminum, Total	EPA 200.7
	EPA 200.8
	EPA 202.1
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3500-A D
	SM 18-20 3120B
	USGS I-3051-85
Antimony, Total	EPA 200.7
	EPA 204.1
	EPA 6010B
	SM 18-19 3111B
	SM 18-20 3120B
Arsenic, Total	ASTM D2972-88A
	ASTM D2972-93B
	EPA 200.7

Wastewater Metals II

Arsenic, Total	EPA 200.8
	EPA 206.3
	EPA 206.4
	EPA 206.5
	EPA 6010B
	SM 18-19 3114B
	SM 18-20 3120B
	USGS I-3060-85
	USGS I-3062-85
Beryllium, Total	AES 0029
	ASTM D3645-88B
	ASTM D4190-88
	EPA 200.7
	EPA 200.8
	EPA 200.9
	EPA 210.2
	EPA 6010B
	SM 18-19 3113B
	SM 18-20 3120B
Chromium VI	ASTM D1687-92A
	EPA 218.4
	EPA 7195
	EPA 7196A

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Wastewater Metals II	
Chromium VI	SM 18-19 3111C
	USGS I-1230-85
	USGS I-1232-85
Mercury, Total	ASTM D3223-91
	EPA 1631E
	EPA 245.1
	EPA 245.2
	EPA 7470A
	SM 18-19 3112B
	USGS I-3462-85
Selenium, Total	EPA 200.7
	EPA 270.2
	EPA 6010B
	SM 18-19 3113B
	SM 18-20 3120B
Vanadium, Total	AES 0029
	EPA 200.7
	EPA 286.1
	EPA 286.2
	EPA 6010B
	SM 18-19 3111B
	SM 18-20 3120B
Zinc, Total	AES 0029

Wastewater Metals II	
Zinc, Total	ASTM D1691-90A
	ASTM D1691-90B
	ASTM D4190-88
	EPA 200.7
	EPA 289.1
	EPA 289.2
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-20 3120B
	USGS I-3900-85
Wastewater Metals III	
Cobalt, Total	AES 0029
	ASTM D3558-90
	ASTM D3558-90B
	ASTM D4190-88
	EPA 200.7
	EPA 219.1
	EPA 6010B
	SM 18-19 3111B
	SM 18-19 3111C
	SM 18-20 3120B
	USGS I-3239-85

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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Acrolein and Acrylonitrile	
Acrolein (Propenal)	EPA 8260B
	EPA 8316
Acrylonitrile	EPA 8260B
	EPA 8316
Amines	
2-Nitroaniline	Method Not Specified
3-Nitroaniline	Method Not Specified
4-Chloroaniline	Method Not Specified
4-Nitroaniline	Method Not Specified
Carbazole	Method Not Specified
Benzidines	
3,3' -Dichlorobenzidine	Method Not Specified
Characteristic Testing	
Corrosivity	EPA 1110
E.P. Toxicity	EPA 1310
Ignitability	EPA 1010
	EPA 1020
Reactivity	SW-846 Ch7, Sec. 7.3
TCLP	EPA 1311
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 8081A
Chlorinated Hydrocarbon Pesticides	
4,4'-DDE	EPA 8081A
4,4'-DDT	EPA 8081A
Aldrin	EPA 8081A
alpha-BHC	EPA 8081A
alpha-Chlordane	Method Not Specified
beta-BHC	EPA 8081A
Chlordane Total	EPA 8081A
delta-BHC	EPA 8081A
Dieldrin	EPA 8081A
Endosulfan I	EPA 8081A
Endosulfan II	EPA 8081A
	EPA 8270C
Endosulfan sulfate	EPA 8081A
Endrin	EPA 8081A
	EPA 8270C
Endrin aldehyde	EPA 8081A
	EPA 8270C
Endrin Ketone	Method Not Specified
gamma-Chlordane	Method Not Specified
Heptachlor	EPA 8081A
Heptachlor epoxide	EPA 8081A
Lindane	EPA 8081A
Methoxychlor	EPA 8081A

Serial No.: 26097

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
Antonia C. Novello, M.D., M.P.H., Dr.P.H.

Expires 12:01 AM April 01, 2006
Issued April 01, 2005

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. THEODORE GAYDOS
ACCREDITED LABORATORIES INC
20 PERSHING AVENUE
CARTERET NJ 07008 UNITED STATES

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Chlorinated Hydrocarbon Pesticides	
Toxaphene	EPA 8081A
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA 8121
	EPA 8270C
2-Chloronaphthalene	EPA 8270C
Hexachlorobenzene	EPA 8270C
Hexachlorocyclopentadiene	EPA 8270C
Hexachloroethane	EPA 8270C
Haloethers	
4-Bromophenylphenyl ether	Method Not Specified
4-Chlorophenylphenyl ether	Method Not Specified
Bis (2-chloroisopropyl) ether	EPA 8270C
Bis(2-chloroethoxy)methane	EPA 8270C
Bis(2-chloroethyl)ether	Method Not Specified
Metals I	
Barium, Total	EPA 6010B
Cadmium, Total	EPA 6010B
Calcium, Total	Method Not Specified
Chromium, Total	EPA 6010B
Copper, Total	Method Not Specified
Iron, Total	Method Not Specified
Lead, Total	EPA 6010B

Metals I	
Magnesium, Total	Method Not Specified
Manganese, Total	Method Not Specified
Nickel, Total	EPA 6010B
Potassium, Total	Method Not Specified
Silver, Total	EPA 6010B
Sodium, Total	Method Not Specified
Metals II	
Aluminum, Total	Method Not Specified
Antimony, Total	EPA 6010B
	EPA 7040
	EPA 7041
	EPA 7062
Arsenic, Total	EPA 6010B
Beryllium, Total	Method Not Specified
Chromium VI	EPA 7190
	EPA 7191
	EPA 7195
	EPA 7196A
	EPA 7197
	EPA 7198
	EPA 7199
Mercury, Total	EPA 7471A
Selenium, Total	EPA 6010B

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Metals II	
Selenium, Total	EPA 6020
	EPA 7740
Vanadium, Total	Method Not Specified
Zinc, Total	Method Not Specified
Metals III	
Cobalt, Total	Method Not Specified
Thallium, Total	Method Not Specified
Miscellaneous	
Cyanide, Total	EPA 9010B
	EPA 9012A
	EPA 9014
Hydrogen Ion (pH)	EPA 9040B
	EPA 9045C
Lead in Paint	ASTM D3335-85A
	SM 18-19 3111B
	SM 18-20 3120B
Sulfide (as S)	EPA 9030B
	EPA 9034
Nitroaromatics and Isophorone	
2,4-Dinitrotoluene	EPA 8270C
2,6-Dinitrotoluene	EPA 8270C
Isophorone	EPA 8270C
Nitroaromatics and Isophorone	
Nitrobenzene	EPA 8270C
Nitrosoamines	
N-Nitrosodi-n-propylamine	Method Not Specified
N-Nitrosodiphenylamine	Method Not Specified
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270C
Bis(2-ethylhexyl) phthalate	EPA 8270C
Diethyl phthalate	EPA 8270C
Dimethyl phthalate	EPA 8270C
Di-n-butyl phthalate	EPA 8270C
Di-n-octyl phthalate	EPA 8270C
Polychlorinated Biphenyls	
PCB-1016	EPA 8082
PCB-1221	EPA 8082
PCB-1232	EPA 8082
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082
Polynuclear Aromatic Hydrocarbons	
Acenaphthene	EPA 8270C

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Polynuclear Aromatic Hydrocarbons	
Acenaphthylene	EPA 8270C
	EPA 8310
Anthracene	EPA 8270C
Benzo(a)anthracene	EPA 8270C
	EPA 8310
Benzo(a)pyrene	EPA 8270C
Benzo(b)fluoranthene	EPA 8270C
	EPA 8310
Benzo(ghi)perylene	EPA 8270C
Benzo(k)fluoranthene	Method Not Specified
Chrysene	EPA 8270C
	EPA 8310
Dibenzo(a,h)anthracene	EPA 8270C
Fluoranthene	EPA 8270C
	EPA 8310
Fluorene	EPA 8270C
	EPA 8310
Indeno(1,2,3-cd)pyrene	EPA 8270C
Naphthalene	EPA 8270C
Phenanthrene	EPA 8270C
	EPA 8310
Pyrene	EPA 8270C
	EPA 8310

Priority Pollutant Phenols	
2,4-Dichlorophenol	EPA 8041
	EPA 8270C
2,4-Dimethylphenol	EPA 8270C
2,4-Dinitrophenol	EPA 8270C
2-Chlorophenol	EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 8041
	EPA 8270C
2-Methylphenol	Method Not Specified
2-Nitrophenol	EPA 8270C
4-Chloro-3-methylphenol	EPA 8041
	EPA 8270C
4-Methylphenol	Method Not Specified
4-Nitrophenol	EPA 8270C
Pentachlorophenol	EPA 8270C
Purgeable Aromatics	
1,2-Dichlorobenzene	EPA 8021B
	EPA 8260B
1,3-Dichlorobenzene	EPA 8021B
	EPA 8260B
1,4-Dichlorobenzene	EPA 8260B
Benzene	EPA 8021B
	EPA 8260B
Chlorobenzene	EPA 8021B

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All approved subcategories and/or analytes are listed below:

Purgeable Aromatics	
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B
Styrene	Method Not Specified
Toluene	EPA 8260B
Total Xylenes	EPA 8021B
	EPA 8260B
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8021B
	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8021B
	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8021B
	EPA 8260B
Chloroethane	EPA 8260B

Purgeable Halocarbons	
Chloroform	EPA 8260B
Chloromethane	EPA 8021B
	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dichlorodifluoromethane	EPA 8021B
	EPA 8260B
Methylene chloride	EPA 8021B
	EPA 8260B
Tetrachloroethene	EPA 8021B
	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8021B
	EPA 8260B
Vinyl chloride	EPA 8260B
Purgeable Organics	
2-Butanone (Methylethyl ketone)	Method Not Specified
2-Hexanone	Method Not Specified
4-Methyl-2-Pentanone	Method Not Specified
Acetone	Method Not Specified
Carbon Disulfide	Method Not Specified
Vinyl acetate	Method Not Specified

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All approved subcategories and/or analytes are listed below:

Semi-Volatile Organics

2-Methylnaphthalene	Method Not Specified
Benzoic Acid	Method Not Specified
Benzyl alcohol	Method Not Specified
Dibenzofuran	Method Not Specified

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507547

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1415.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 14.5 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	29	U
107131	Acrylonitrile	6	U
67641	Acetone	4	JB
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	15	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	9	

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507547

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1415.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 14.5 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-1

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507547

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1415.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 14.5 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.30	9	J
2. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	3.54	10	JN
3.	unknown	3.87	9	J
4.	unknown	20.89	7	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507547

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1441.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 14.5 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	29	U
107131	Acrylonitrile	6	U
67641	Acetone	17	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	9	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	5	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-1

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507547

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1441.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 14.5 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507548

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1416.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	30	U
107131	Acrylonitrile	7	U
67641	Acetone	52	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	19	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	7	

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507548

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1416.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507548

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1416.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	3.54	10	JN
2.	unknown	22.04	9	J
3. 000112-31-2	Decanal (CAS) $$ n-Decanal $$	23.66	23	JN
4.	unknown	23.79	7	J
5.	unknown	25.52	8	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507548

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1442.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.8 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	30	U
107131	Acrylonitrile	7	U
67641	Acetone	47	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	15	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	4	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-2

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507548

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1442.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 16.8 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507549

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1417.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 12.9 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	29	U
107131	Acrylonitrile	6	U
67641	Acetone	9	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	9	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	3	J

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-3

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507549

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1417.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 12.9 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	11	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-3

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507549

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1417.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 12.9 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.66	8	J
2. 062108-25-2	Decane, 2,6,7-trimethyl- (CAS)	23.79	9	JN
3. 003891-98-3	Dodecane, 2,6,10-trimethyl- (CA	25.53	16	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507550

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1418.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 13.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	29	U
107131	Acrylonitrile	6	U
67641	Acetone	7	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	11	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	2	J

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507550

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1418.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 13.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-4

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507550

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1418.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 13.8 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.30	6	J
2. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	3.54	6	JN
3.	unknown	20.89	6	J

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507550

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1443.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 13.8 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	29	U
107131	Acrylonitrile	6	U
67641	Acetone	6	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	8	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	6	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-4

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507550

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1443.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 13.8 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	12	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507551

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1419.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 10.7 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	16	B
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	8	B
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	3	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507551

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1419.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 10.7 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	11	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

NS-5

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507551

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1419.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 10.7 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 8

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-13-1	Ethane, 1,1,2-trichloro-1,2,2-triflu	3.54	9	JN
2.	unknown	19.18	6	J
3.	unknown	21.90	6	J
4.	unknown	22.69	8	J
5. 006044-71-9	Dodecane, 6-methyl- (CAS) $$ 6	22.90	12	JN
6.	unknown	23.66	8	J
7. 062108-25-2	Decane, 2,6,7-trimethyl- (CAS)	23.79	11	JN
8.	unknown	25.53	6	J

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 0507551

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1444.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 10.7 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	28	U
107131	Acrylonitrile	6	U
67641	Acetone	4	JB
75718	Dichlorodifluoromethane	6	U
74873	Chloromethane	6	U
67-64-1	Vinyl Chloride	6	U
74839	Bromomethane	6	U
75003	Chloroethane	6	U
75694	Trichoroflouromethane	6	U
75354	1,1-Dichloroethene	6	U
75150	Carbon disulfide	6	U
75092	Methylene Chloride	4	JB
156605	trans-1,2-Dichloroethene	6	U
75343	1,1-Dichloroethane	6	U
108054	Vinyl acetate	6	U
590207	2,2-Dichloropropane	6	U
789333	2-Butanone	6	U
156592	cis-1,2-Dichloroethene	6	U
67-66-3	Chloroform	6	U
74975	Bromochloromethane	6	U
71556	1,1,1-Trichloroethane	6	U
563586	1,1-Dichloropropene	6	U
56235	Carbon Tetrachloride	6	U
107062	1,2-Dichloroethane	6	U
71432	Benzene	6	U
79016	Trichloroethene	6	U
78875	1,2-Dichloropropane	6	U
75274	Bromodichloromethane	6	U
74953	Dibromomethane	6	U
110758	2-Chloroethylvinylether	6	U
10061015	cis-1,3-dichloropropene	6	U
108883	Toluene	6	U
10061026	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
108101	4-Methyl-2-pentanone	6	U
106934	1,2-Dibromoethane	6	U
591786	2-Hexanone	6	U
142289	1,3-dichloropropane	6	U
127184	Tetrachloroethene	1	J

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

NS-5

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0507551

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1444.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 10.7 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	6	U
100414	Ethylbenzene	6	U
108907	Chlorobenzene	6	U
630206	1,1,1,2-Tetrachloroethane	6	U
1330207	m,p-Xylene	11	U
95476	o-Xylene	6	U
100425	Styrene	6	U
75252	Bromoform	6	U
98828	Isopropylbenzene	6	U
79345	1,1,2,2-Tetrachloroethane	6	U
96184	1,2,3-Trichloropropane	6	U
103651	n-Propyl benzene	6	U
108861	Bromobenzene	6	U
108678	1,3,5-Trimethylbenzene	6	U
95498	2-Chlorotoluene	6	U
106434	4-Chlorotoluene	6	U
98066	tert-Butylbenzene	6	U
95636	1,2,4-Trimethylbenzene	6	U
135988	sec-Butylbenzene	6	U
99876	p-Isopropyltoluene	6	U
541731	1,3-Dichlorobenzene	6	U
106467	1,4-Dichlorobenzene	6	U
104518	n-Butylbenzene	6	U
95501	1,2-Dichlorobenzene	6	U
96128	1,2-Dibromo-3-Chloropropane	6	U
120821	1,2,4-Trichlorobenzene	6	U
87683	Hexachlorobutadiene	6	U
87616	1,2,3-Trichlorobenzene	6	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0507552

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M1427.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	4	JB
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	4	JB
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0507552

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M1427.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 0507552

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M1427.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.59	6	J

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ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Leachate
SAMPLE NUMBER	0507547	DILUTION FACTOR	10
DATA FILE	>C5403	DATE EXTRACTED	
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-1	ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	107 %	76 - 114	OK
Toluene-d8	99 %	88 - 110	OK
Bromofluorobenzene	102 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Leachate
SAMPLE NUMBER	0507548	DILUTION FACTOR	10
DATA FILE	>C5404	DATE EXTRACTED	
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-2	ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.050	0.5
78933	2-Butanone	U	.100	200.0
56235	Carbon Tetrachloride	U	.050	0.5
108907	Chlorobenzene	U	.050	100.0
67663	Chloroform	U	.050	6.0
75354	1,1-Dichloroethene	U	.050	0.7
107062	1,2-Dichloroethane	U	.050	0.5
127184	Tetrachloroethene	U	.050	0.7
79016	Trichloroethene	U	.050	0.5
75014	Vinyl Chloride	U	.100	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	110 %	76 - 114	OK
Toluene-d8	97 %	88 - 110	OK
Bromofluorobenzene	104 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

ACCREDITED LABORATORIES, 1NC.
BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507547	DILUTION FACTOR	1.0
DATA FILE	>B0618	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-1	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	U	390	131113	Dimethyl Phthalate	U	390
208968	Acenaphthylene	U	390	84742	Di-n-Butylphthalate	U	390
120127	Anthracene	120 J	390	121142	2,4-Dinitrotoluene	U	390
56553	Benzo(a)Anthracene	850	390	606202	2,6-Dinitrotoluene	U	390
50328	Benzo(a)Pyrene	890	390	117840	Di-n-octyl phthalate	99 J	390
205992	Benzo(b)fluoranthene	1100	390	206440	Fluoranthene	1900	390
191242	Benzo(g,h,i)Perylene	380 J	390	86737	Fluorene	U	390
207089	Benzo(k)Fluoranthene	800	390	118741	Hexachlorobenzene	U	390
100516	Benzyl Alcohol	U	780	87683	Hexachlorobutadiene	U	390
111444	bis(-2-Chloroethyl)Ether	U	390	77474	Hexachlorocyclopentadiene	U	390
108601	bis(2-Chloroisopropyl)ether	U	390	67721	Hexachloroethane*	U	390
117817	Bis(2-Ethylhexyl)Phthalate	U	390	193395	Indeno(1,2,3-cd)Pyrene	380 J	390
111911	bis(-2-Chloroethoxy)Methane	U	390	78591	Isophorone	U	390
101553	4-Bromophenyl-phenylether	U	390	91576	2-Methylnaphthalene	92 J	390
85687	Butylbenzylphthalate	U	390	91203	Naphthalene	85 J	390
106478	4-Chloroaniline	U	780	88744	2-Nitroaniline	U	1900
91587	2-Chloronaphthalene	U	390	99092	3-Nitroaniline	U	1900
7005723	4-Chlorophenyl-phenylether	U	390	100016	4-Nitroaniline	U	1900
218019	Chrysene	1300	390	98953	Nitrobenzene	U	390
53703	Dibenzo(a,h)Anthracene	170 J	390	62759	N-Nitrosodimethylamine	U	390
132649	Dibenzofuran	U	390	86306	N-Nitrosodiphenylamine	U	390
95501	1,2-Dichlorobenzene	U	390	621647	N-Nitroso-Di-n-propylamine	U	390
541731	1,3-Dichlorobenzene	U	390	85018	Phenanthrene	990	390
106467	1,4-Dichlorobenzene	U	390	129000	Pyrene	680	390
91941	3,3'-Dichlorobenzidine	U	780	120821	1,2,4-Trichlorobenzene	U	390
84662	Diethylphthalate	U	390				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	77 %	23-120	OK
2-Fluorobiphenyl	144 %	30-115	OUT
Terphenyl-d14	33 %	18-137	OK

Percent solid of 85.5 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0507547

Client Name: RTPEA Field ID: NS-1

Case No.: 8501 Date Extracted: 08/01/05

Lab File ID: >B0618 Date Analyzed: 08/03/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	141797	3-Penten-2-one, 4-methyl-	3.34	1000	
2.		Unknown	3.99	630	B
3.		Aldol condensates	4.79	27000	B
4.		Unknown hydrocarbon	4.85	1200	
5.		Unknown	6.54	270	B
6.	541026	*** See below	11.21	250	
7.		Unknown	11.88	200	

***

6. Cyclopentasiloxane, decamethyl-

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

ACCREDITED LABORATORIES, INC.
BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507548	DILUTION FACTOR	1.0
DATA FILE	>B0619	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-2	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	710	400	131113	Dimethyl Phthalate	U	400
208968	Acenaphthylene	300 J	400	84742	Di-n-Butylphthalate	95 J	400
120127	Anthracene	1600	400	121142	2,4-Dinitrotoluene	U	400
56553	Benzo(a)Anthracene	4500	400	606202	2,6-Dinitrotoluene	U	400
50328	Benzo(a)Pyrene	3800	400	117840	Di-n-octyl phthalate	U	400
205992	Benzo(b)fluoranthene	3900	400	206440	Fluoranthene	5600	400
191242	Benzo(g,h,i)Perylene	310 J	400	86737	Fluorene	680	400
207089	Benzo(k)Fluoranthene	4100	400	118741	Hexachlorobenzene	U	400
100516	Benzyl Alcohol	U	800	87683	Hexachlorobutadiene	U	400
111444	bis(-2-Chloroethyl)Ether	U	400	77474	Hexachlorocyclopentadiene	U	400
108601	bis(2-Chloroisopropyl)ether	U	400	67721	Hexachloroethane	U	400
117817	Bis(2-Ethylhexyl)Phthalate	U	400	193395	Indeno(1,2,3-cd)Pyrene	1600	400
111911	bis(-2-Chloroethoxy)Methane	U	400	78591	Isophorone	U	400
101553	4-Bromophenyl-phenylether	U	400	91576	2-Methylnaphthalene	230 J	400
85687	Butylbenzylphthalate	U	400	91203	Naphthalene	320 J	400
106478	4-Chloroaniline	U	800	88744	2-Nitroaniline	U	2000
91587	2-Chloronaphthalene	U	400	99092	3-Nitroaniline	U	2000
7005723	4-Chlorophenyl-phenylether	U	400	100016	4-Nitroaniline	U	2000
218019	Chrysene	5200	400	98953	Nitrobenzene	U	400
53703	Dibenzo(a,h)Anthracene	540	400	62759	N-Nitrosodimethylamine	U	400
132649	Dibenzofuran	390 J	400	86306	N-Nitrosodiphenylamine	U	400
95501	1,2-Dichlorobenzene	U	400	621647	N-Nitroso-Di-n-propylamine	U	400
541731	1,3-Dichlorobenzene	U	400	85018	Phenanthrene	5300	400
106467	1,4-Dichlorobenzene	U	400	129000	Pyrene	14000 E	400
91941	3,3'-Dichlorobenzidine	U	800	120821	1,2,4-Trichlorobenzene	U	400
84662	Diethylphthalate	U	400				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	62 %	23-120	OK
2-Fluorobiphenyl	79 %	30-115	OK
Terphenyl-d14	177 %	18-137	OUT

Percent solid of 83.2 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0507548

Client Name: RTPEA Field ID: NS-2

Case No.: 8501 Date Extracted: 08/01/05

Lab File ID: >B0619 Date Analyzed: 08/03/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	4.83	31000	B
2.	569415	Naphthalene, 1,8-dimethyl-	15.29	430	
3.	832644	Phenanthrene, 4-methyl-	21.13	300	
4.	832699	Phenanthrene, 1-methyl-	21.21	200	
5.		Unknown aromatic	21.42	370	
6.		Unknown aromatic	21.75	170	
7.		Unknown aromatic	21.91	230	
8.		Unknown aromatic	31.60	8800	

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

ACCREDITED LABORATORIES, INC.
BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507548DL	DILUTION FACTOR	5
DATA FILE	>B0633	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-2	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	730 J D	2000
208968	Acenaphthylene	320 J D	2000
120127	Anthracene	2000 D	2000
56553	Benzo(a)Anthracene	4600 D	2000
50328	Benzo(a)Pyrene	4400 D	2000
205992	Benzo(b)fluoranthene	4500 D	2000
191242	Benzo(g,h,i)Perylene	1600 J D	2000
207089	Benzo(k)Fluoranthene	3800 D	2000
100516	Benzyl Alcohol	U	4000
111444	bis(-2-Chloroethyl)Ether	U	2000
108601	bis(2-Chloroisopropyl)ether	U	2000
117817	Bis(2-Ethylhexyl)Phthalate	U	2000
111911	bis(-2-Chloroethoxy)Methane	U	2000
101553	4-Bromophenyl-phenylether	U	2000
85687	Butylbenzylphthalate	U	2000
106478	4-Chloroaniline	U	4000
91587	2-Chloronaphthalene	U	2000
7005723	4-Chlorophenyl-phenylether	U	2000
218019	Chrysene	6400 D	2000
53703	Dibenzo(a,h)Anthracene	950 J D	2000
132649	Dibenzofuran	390 J D	2000
95501	1,2-Dichlorobenzene	U	2000
541731	1,3-Dichlorobenzene	U	2000
106467	1,4-Dichlorobenzene	U	2000
91941	3,3'-Dichlorobenzidine	U	4000
84662	Diethylphthalate	U	2000
131113	Dimethyl Phthalate	U	2000
84742	Di-n-Butylphthalate	U	2000
121142	2,4-Dinitrotoluene	U	2000
606202	2,6-Dinitrotoluene	U	2000
117840	Di-n-octyl phthalate	U	2000
206440	Fluoranthene	9800 D	2000
86737	Fluorene	750 J D	2000
118741	Hexachlorobenzene	U	2000
87683	Hexachlorobutadiene	U	2000
77474	Hexachlorocyclopentadiene	U	2000
67721	Hexachloroethane	U	2000
193395	Indeno(1,2,3-cd)Pyrene	1800 J D	2000
78591	Isophorone	U	2000
91576	2-Methylnaphthalene	U	2000
91203	Naphthalene	310 J D	2000
88744	2-Nitroaniline	U	10000
99092	3-Nitroaniline	U	10000
100016	4-Nitroaniline	U	10000
98953	Nitrobenzene	U	2000
62759	N-Nitrosodimethylamine	U	2000
86306	N-Nitrosodiphenylamine	U	2000
621647	N-Nitroso-Di-n-propylamine	U	2000
85018	Phenanthrene	7700 D	2000
129000	Pyrene	9400 D	2000
120821	1,2,4-Trichlorobenzene	U	2000

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	78 %	23-120	OK
2-Fluorobiphenyl	95 %	30-115	OK
Terphenyl-d14	106 %	18-137	OK

Percent solid of 83.2 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

ACCREDITED LABORATORIES, INC.

BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507549	DILUTION FACTOR	1.0
DATA FILE	>B0620	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-3	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	130 J	380	131113	Dimethyl Phthalate	U	380
208968	Acenaphthylene	140 J	380	84742	Di-n-Butylphthalate	U	380
120127	Anthracene	370 J	380	121142	2,4-Dinitrotoluene	U	380
56553	Benzo(a)Anthracene	1100	380	606202	2,6-Dinitrotoluene	U	380
50328	Benzo(a)Pyrene	1300	380	117840	Di-n-octyl phthalate	U	380
205992	Benzo(b)fluoranthene	1400	380	206440	Fluoranthene	2300	380
191242	Benzo(g,h,i)Perylene	420	380	86737	Fluorene	130 J	380
207089	Benzo(k)Fluoranthene	1700	380	118741	Hexachlorobenzene	U	380
100516	Benzyl Alcohol	U	770	87683	Hexachlorobutadiene	U	380
111444	bis(-2-Chloroethyl)Ether	U	380	77474	Hexachlorocyclopentadiene	U	380
108601	bis(2-Chloroisopropyl)ether	U	380	67721	Hexachloroethane	U	380
117817	Bis(2-Ethylhexyl)Phthalate	340 J	380	193395	Indeno(1,2,3-cd)Pyrene	470	380
111911	bis(-2-Chloroethoxy)Methane	U	380	78591	Isophorone	U	380
101553	4-Bromophenyl-phenylether	U	380	91576	2-Methylnaphthalene	110 J	380
85687	Butylbenzylphthalate	U	380	91203	Naphthalene	82 J	380
106478	4-Chloroaniline	U	770	88744	2-Nitroaniline	U	1900
91587	2-Chloronaphthalene	U	380	99092	3-Nitroaniline	U	1900
7005723	4-Chlorophenyl-phenylether	U	380	100016	4-Nitroaniline	U	1900
218019	Chrysene	1500	380	98953	Nitrobenzene	U	380
53703	Dibenzo(a,h)Anthracene	140 J	380	62759	N-Nitrosodimethylamine	U	380
132649	Dibenzofuran	77 J	380	86306	N-Nitrosodiphenylamine	U	380
95501	1,2-Dichlorobenzene	U	380	621647	N-Nitroso-Di-n-propylamine	U	380
541731	1,3-Dichlorobenzene	U	380	85018	Phenanthrene	1400	380
106467	1,4-Dichlorobenzene	U	380	129000	Pyrene	2500	380
91941	3,3'-Dichlorobenzidine	U	770	120821	1,2,4-Trichlorobenzene	U	380
84662	Diethylphthalate	U	380				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	58 %	23-120	OK
2-Fluorobiphenyl	76 %	30-115	OK
Terphenyl-d14	108 %	18-137	OK

Percent solid of 87.1 is used for all target compounds.

J - Indicates compound concentration found below MDL.

U - Indicates compound analyzed for but not detected.

D - Indicates result is based on a dilution.

B - Indicates compound found in associated blank.

E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0507549

Client Name: RTPEA Field ID: NS-3

Case No.: 8501 Date Extracted: 08/01/05

Lab File ID: >B0620 Date Analyzed: 08/03/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	3.99	660	B
2.		Aldol condensates	4.81	34000	B
3.	1961962	1H-Indene, 1-phenyl-	21.09	350	
4.	613127	Anthracene, 2-methyl-	21.15	360	
5.		Unknown aromatic	21.36	430	
6.		Unknown aromatic	21.87	250	
7.	84651	9,10-Anthracenedione	21.95	320	
8.	3674655	Phenanthrene, 2,3-dimethyl-	22.52	260	
9.		Unknown aromatic	23.08	240	
10.	2381217	Pyrene, 1-methyl-	24.31	360	
11.		Unknown aromatic	25.61	170	
12.	25732745	*** See below	25.91	200	
13.	1705846	Triphenylene, 2-methyl-	27.50	210	
14.		Unknown	29.33	3500	
15.		Unknown aromatic	29.66	1100	

***

12. 3,4-DIHYDROCYCLOPENTA(CD)PYRENE (ACEPYRENE)

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

ACCREDITED LABORATORIES, INC.

BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507550	DILUTION FACTOR	1.0
DATA FILE	>B0621	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-4	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	870	390	131113	Dimethyl Phthalate	U	390
208968	Acenaphthylene	310 J	390	84742	Di-n-Butylphthalate	U	390
120127	Anthracene	1700	390	121142	2,4-Dinitrotoluene	U	390
56553	Benzo(a)Anthracene	4900	390	606202	2,6-Dinitrotoluene	U	390
50328	Benzo(a)Pyrene	4600	390	117840	Di-n-octyl phthalate	U	390
205992	Benzo(b)fluoranthene	5600	390	206440	Fluoranthene	8200 E	390
191242	Benzo(g,h,i)Perylene	1200	390	86737	Fluorene	820	390
207089	Benzo(k)Fluoranthene	4500	390	118741	Hexachlorobenzene	U	390
100516	Benzyl Alcohol	U	770	87683	Hexachlorobutadiene	U	390
111444	bis(-2-Chloroethyl)Ether	U	390	77474	Hexachlorocyclopentadiene	U	390
108601	bis(2-Chloroisopropyl)ether	U	390	67721	Hexachloroethane	U	390
117817	Bis(2-Ethylhexyl)Phthalate	U	390	193395	Indeno(1,2,3-cd)Pyrene	1300	390
111911	bis(-2-Chloroethoxy)Methane	U	390	78591	Isophorone	U	390
101553	4-Bromophenyl-phenylether	U	390	91576	2-Methylnaphthalene	200 J	390
85687	Butylbenzylphthalate	U	390	91203	Naphthalene	360 J	390
106478	4-Chloroaniline	U	770	88744	2-Nitroaniline	U	1900
91587	2-Chloronaphthalene	U	390	99092	3-Nitroaniline	U	1900
7005723	4-Chlorophenyl-phenylether	U	390	100016	4-Nitroaniline	U	1900
218019	Chrysene	5800	390	98953	Nitrobenzene	U	390
53703	Dibenzo(a,h)Anthracene	400	390	62759	N-Nitrosodimethylamine	U	390
132649	Dibenzofuran	600	390	86306	N-Nitrosodiphenylamine	U	390
95501	1,2-Dichlorobenzene	U	390	621647	N-Nitroso-Di-n-propylamine	U	390
541731	1,3-Dichlorobenzene	U	390	85018	Phenanthrene	6800 E	390
106467	1,4-Dichlorobenzene	U	390	129000	Pyrene	10000 E	390
91941	3,3'-Dichlorobenzidine	U	770	120821	1,2,4-Trichlorobenzene	U	390
84662	Diethylphthalate	U	390				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	54 %	23-120	OK
2-Fluorobiphenyl	74 %	30-115	OK
Terphenyl-d14	115 %	18-137	OK

Percent solid of 86.2 is used for all target compounds.

J - Indicates compound concentration found below MDL.

U - Indicates compound analyzed for but not detected.

D - Indicates result is based on a dilution.

B - Indicates compound found in associated blank.

E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0507550

Client Name: RTPEA Field ID: NS-4

Case No.: 8501 Date Extracted: 08/01/05

Lab File ID: >B0621 Date Analyzed: 08/03/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	4.79	34000	B
2.	86748	9H-Carbazole	20.51	170	
3.	832644	Phenanthrene, 4-methyl-	21.11	310	
4.	832713	Phenanthrene, 3-methyl-	21.19	240	
5.		Unknown aromatic	21.39	390	
6.	605027	Naphthalene, 1-phenyl-	21.88	220	
7.	84651	9,10-Anthracenedione	22.01	230	
8.	781431	*** See below	22.54	190	
9.	243174	11H-Benzo[b]fluorene	24.35	760	
10.	238846	11H-Benzo[a]fluorene	24.57	470	
11.		Unknown aromatic	25.97	610	
12.		Unknown aromatic	26.24	350	
13.		Unknown aromatic	26.79	310	
14.	1705846	Triphenylene, 2-methyl-	27.54	290	
15.	192972	Benzo[e]pyrene	29.64	2800	

***

8. Anthracene, 9,10-dimethyl- (8CI9CI)

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

ACCREDITED LABORATORIES, INC.
BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507550DL	DILUTION FACTOR	5
DATA FILE	>B0634	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-4	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	940 J D	1900
208968	Acenaphthylene	300 J D	1900
120127	Anthracene	2100 D	1900
56553	Benzo(a)Anthracene	5200 D	1900
50328	Benzo(a)Pyrene	4800 D	1900
205992	Benzo(b)fluoranthene	4600 D	1900
191242	Benzo(g,h,i)Perylene	1800 J D	1900
207089	Benzo(k)Fluoranthene	4400 D	1900
100516	Benzyl Alcohol	U	3900
111444	bis(-2-Chloroethyl)Ether	U	1900
108601	bis(2-Chloroisopropyl)ether	U	1900
117817	Bis(2-Ethylhexyl)Phthalate	U	1900
111911	bis(-2-Chloroethoxy)Methane	U	1900
101553	4-Bromophenyl-phenylether	U	1900
85687	Butylbenzylphthalate	U	1900
106478	4-Chloroaniline	U	3900
91587	2-Chloronaphthalene	U	1900
7005723	4-Chlorophenyl-phenylether	U	1900
218019	Chrysene	7300 D	1900
53703	Dibenzo(a,h)Anthracene	1100 J D	1900
132649	Dibenzofuran	640 J D	1900
95501	1,2-Dichlorobenzene	U	1900
541731	1,3-Dichlorobenzene	U	1900
106467	1,4-Dichlorobenzene	U	1900
91941	3,3'-Dichlorobenzidine	U	3900
84662	Diethylphthalate	U	1900
131113	Dimethyl Phthalate	U	1900
84742	Di-n-Butylphthalate	U	1900
121142	2,4-Dinitrotoluene	U	1900
606202	2,6-Dinitrotoluene	U	1900
117840	Di-n-octyl phthalate	U	1900
206440	Fluoranthene	13000 D	1900
86737	Fluorene	850 J D	1900
118741	Hexachlorobenzene	U	1900
87683	Hexachlorobutadiene	U	1900
77474	Hexachlorocyclopentadiene	U	1900
67721	Hexachloroethane	U	1900
193395	Indeno(1,2,3-cd)Pyrene	2100 D	1900
78591	Isophorone	U	1900
91576	2-Methylnaphthalene	U	1900
91203	Naphthalene	370 J D	1900
88744	2-Nitroaniline	U	9700
99092	3-Nitroaniline	U	9700
100016	4-Nitroaniline	U	9700
98953	Nitrobenzene	U	1900
62759	N-Nitrosodimethylamine	U	1900
86306	N-Nitrosodiphenylamine	U	1900
621647	N-Nitroso-Di-n-propylamine	U	1900
85018	Phenanthrene	9100 D	1900
129000	Pyrene	11000 D	1900
120821	1,2,4-Trichlorobenzene	U	1900

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	71 %	23-120	OK
2-Fluorobiphenyl	100 %	30-115	OK
Terphenyl-d14	102 %	18-137	OK

Percent solid of 86.2 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

ACCREDITED LABORATORIES, INC.
BN ORGANIC ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Soil
SAMPLE NUMBER	0507551	DILUTION FACTOR	1.0
DATA FILE	>B0622	DATE EXTRACTED	08/01/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/03/05
FIELD ID	NS-5	ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	350 J	370	131113	Dimethyl Phthalate	U	370
208968	Acenaphthylene	180 J	370	84742	Di-n-Butylphthalate	U	370
120127	Anthracene	820	370	121142	2,4-Dinitrotoluene	U	370
56553	Benzo(a)Anthracene	2300	370	606202	2,6-Dinitrotoluene	U	370
50328	Benzo(a)Pyrene	2200	370	117840	Di-n-octyl phthalate	U	370
205992	Benzo(b)fluoranthene	2800	370	206440	Fluoranthene	4500	370
191242	Benzo(g,h,i)Perylene	620	370	86737	Fluorene	310 J	370
207089	Benzo(k)Fluoranthene	2300	370	118741	Hexachlorobenzene	U	370
100516	Benzyl Alcohol	U	750	87683	Hexachlorobutadiene	U	370
111444	bis(-2-Chloroethyl)Ether	U	370	77474	Hexachlorocyclopentadiene	U	370
108601	bis(2-Chloroisopropyl)ether	U	370	67721	Hexachloroethane	U	370
117817	Bis(2-Ethylhexyl)Phthalate	U	370	193395	Indeno(1,2,3-cd)Pyrene	720	370
111911	bis(-2-Chloroethoxy)Methane	U	370	78591	Isophorone	U	370
101553	4-Bromophenyl-phenylether	U	370	91576	2-Methylnaphthalene	65 J	370
85687	Butylbenzylphthalate	U	370	91203	Naphthalene	100 J	370
106478	4-Chloroaniline	U	750	88744	2-Nitroaniline	U	1900
91587	2-Chloronaphthalene	U	370	99092	3-Nitroaniline	U	1900
7005723	4-Chlorophenyl-phenylether	U	370	100016	4-Nitroaniline	U	1900
218019	Chrysene	2800	370	98953	Nitrobenzene	U	370
53703	Dibenzo(a,h)Anthracene	370	370	62759	N-Nitrosodimethylamine	U	370
132649	Dibenzofuran	190 J	370	86306	N-Nitrosodiphenylamine	U	370
95501	1,2-Dichlorobenzene	U	370	621647	N-Nitroso-Di-n-propylamine	U	370
541731	1,3-Dichlorobenzene	U	370	85018	Phenanthrene	3100	370
106467	1,4-Dichlorobenzene	U	370	129000	Pyrene	4800	370
91941	3,3'-Dichlorobenzidine	U	750	120821	1,2,4-Trichlorobenzene	U	370
84662	Diethylphthalate	U	370				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	60 %	23-120	OK
2-Fluorobiphenyl	78 %	30-115	OK
Terphenyl-d14	109 %	18-137	OK

Percent solid of 89.3 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: 0507551

Client Name: RTPEA Field ID: NS-5

Case No.: 8501 Date Extracted: 08/01/05

Lab File ID: >B0622 Date Analyzed: 08/03/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Aldol condensates	4.83	34000	B
2.	1961962	1H-Indene, 1-phenyl-	21.08	230	
3.	832699	Phenanthrene, 1-methyl-	21.16	200	
4.		Unknown aromatic	21.35	300	
5.		Unknown aromatic	21.86	180	
6.	243174	11H-Benzo[b]fluorene	24.32	440	
7.	2381217	Pyrene, 1-methyl-	24.54	220	
8.		Unknown aromatic	25.63	210	
9.	25732745	*** See below	25.92	270	
10.		Unknown aromatic	26.19	180	
11.		Unknown aromatic	26.74	180	
12.	2498773	Benz[a]anthracene, 1-methyl-	27.50	190	
13.		Unknown	28.90	1100	
14.	192972	Benzo[e]pyrene	29.62	1300	

***
9. 3,4-DIHYDROCYCLOPENTA(CD)PYRENE (ACEPYRENE)

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Leachate
SAMPLE NUMBER	0507547	DILUTION FACTOR	10
DATA FILE	>B0607	DATE EXTRACTED	08/02/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/02/05
FIELD ID	NS-1	ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
98953	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
95954	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
87865	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	66 %	21 - 100	OK
Phenol-d5	68 %	10 - 94	OK
Nitrobenzene-d5	76 %	35 - 114	OK
2-Fluorobiphenyl	74 %	43 - 116	OK
2,4,6-Tribromophenol	88 %	10 - 123	OK
Terphenyl-d14	82 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER	8501	MATRIX	Leachate
SAMPLE NUMBER	0507548	DILUTION FACTOR	10
DATA FILE	>B0608	DATE EXTRACTED	08/02/05
CLIENT NAME	RTPEA	DATE ANALYZED	08/02/05
FIELD ID	NS-2	ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
98953	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
95954	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
87865	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	67 %	21 - 100	OK
Phenol-d5	69 %	10 - 94	OK
Nitrobenzene-d5	78 %	35 - 114	OK
2-Fluorobiphenyl	76 %	43 - 116	OK
2,4,6-Tribromophenol	90 %	10 - 123	OK
Terphenyl-d14	82 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

Xo

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8501
Sample #: 0507545
Field ID: FB
Client Name: RTPEA

Matrix: Aqueous
Date Received: 07/28/05

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	08/01/05
7440-38-2	Arsenic	ND	8.00	1	P	08/01/05
7440-41-7	Beryllium	ND	5.00	1	P	08/01/05
7440-43-9	Cadmium	ND	4.00	1	P	08/01/05
7440-47-3	Chromium	ND	10.0	1	P	08/01/05
7440-50-8	Copper	ND	10.0	1	P	08/01/05
7439-92-1	Lead	ND	10.0	1	P	08/01/05
7439-97-6	Mercury	ND	.500	1	CV	08/01/05
7440-02-0	Nickel	ND	10.0	1	P	08/01/05
7782-49-2	Selenium	ND	10.0	1	P	08/01/05
7440-22-4	Silver	ND	5.00	1	P	08/01/05
7440-28-0	Thallium	ND	10.0	1	P	08/01/05
7440-66-6	Zinc	ND	100	1	P	08/01/05

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 8501
Sample #: 0507546
Field ID: MW-1
Client Name: RTPEA

Matrix: Aqueous
Date Received: 07/28/05

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7440-36-0	Antimony	ND	10.0	1	P	08/01/05
7440-38-2	Arsenic	ND	8.00	1	P	08/01/05
7440-41-7	Beryllium	ND	5.00	1	P	08/01/05
7440-43-9	Cadmium	ND	4.00	1	P	08/01/05
7440-47-3	Chromium	ND	10.0	1	P	08/01/05
7440-50-8	Copper	11.6	10.0	1	P	08/01/05
7439-92-1	Lead	85.3	10.0	1	P	08/01/05
7439-97-6	Mercury	ND	.500	1	CV	08/01/05
7440-02-0	Nickel	ND	10.0	1	P	08/01/05
7782-49-2	Selenium	ND	10.0	1	P	08/01/05
7440-22-4	Silver	ND	5.00	1	P	08/01/05
7440-28-0	Thallium	ND	10.0	1	P	08/01/05
7440-66-6	Zinc	ND	100	1	P	08/01/05

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by GFA
A - Analyzed by flame AA

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: M0376.D BFB Injection Date: 5/23/05

Instrument ID: HP5971M BFB Injection Time: 10:06

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.4
75	30.0 - 66.0% of mass 95	38.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	64.1
175	4.0 - 9.0% of mass 174	4.5 (7.0)1
176	93.0 - 101.0% of mass 174	61.7 (96.3)1
177	5.0 - 9.0% of mass 176	4.1 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	M0377.D	5/23/05	10:25
02	VSTD020	VSTD020	M0378.D	5/23/05	10:58
03	VSTD050	VSTD050	M0379.D	5/23/05	11:32
04	VSTD100	VSTD100	M0380.D	5/23/05	12:06
05	VSTD200	VSTD200	M0381.D	5/23/05	12:39

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >C5246 BFB Injection Date: 06/30/05

Instrument ID: HP5970BC BFB Injection Time: 09:21

GC Column: RTX-502 Column ID: 0.53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.4
75	30.0 - 60.0% of mass 95	58.9
95	Base peak, 100% relative abundance	100.
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0(0.0)1
174	Greater than 50.0% of mass 95	68.1
175	5.0 - 9.0% of mass 174	5.1(7.4)1
176	95.0 - 101.0% of mass 174	66.7(98.0)1
177	5.0 - 9.0% of mass 176	4.7(7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050	>C5247	06/30/05	10:16
02		VSTD020	>C5248	06/30/05	11:03
03		VSTD010	>C5249	06/30/05	11:50
04		VSTD100	>C5250	06/30/05	12:37
05		VSTD200	>C5251	06/30/05	13:23
06					
07					
08					
09					
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17					
18					
19					
20					
21					
22					

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >C5380 BFB Injection Date: 07/26/05

Instrument ID: HP5970BC BFB Injection Time: 11:09

GC Column: RTX-502 Column ID: 0.53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.7
75	30.0 - 60.0% of mass 95	59.6
95	Base peak, 100% relative abundance	100.
96	5.0 - 9.0% of mass 95	7.8
173	Less than 2.0% of mass 174	0.0(0.0)1
174	Greater than 50.0% of mass 95	77.5
175	5.0 - 9.0% of mass 174	5.7(7.4)1
176	95.0 - 101.0% of mass 174	73.6(95.0)1
177	5.0 - 9.0% of mass 176	5.0(6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050	>C5381	07/26/05	11:39
02		VBLKC19	>C5383	07/26/05	13:28
03		0507046	>C5384	07/26/05	14:50
04		BLANK	>C5385	07/26/05	15:36
05		0507071	>C5386	07/26/05	16:23
06		0507071MS	>C5387	07/26/05	17:09
07		0507071MSD	>C5388	07/26/05	17:55
08		0507130	>C5389	07/26/05	18:41
09		0507130MS	>C5390	07/26/05	19:26
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID: M1400.D BFB Injection Date: 8/1/05

Instrument ID: HP5971M BFB Injection Time: 10:17

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.6
75	30.0 - 66.0% of mass 95	39.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	67.9
175	4.0 - 9.0% of mass 174	4.8 (7.1)1
176	93.0 - 101.0% of mass 174	65.5 (96.5)1
177	5.0 - 9.0% of mass 176	4.2 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M1401.D	8/1/05	10:32
02	VBLKM37	VBLKM37	M1403.D	8/1/05	12:51
03	SS-1MS	0507339MS	M1409.D	8/1/05	16:09
04	SS-1	0507339	M1410.D	8/1/05	16:42
05	SS-1MSD	0507339MSD	M1411.D	8/1/05	17:15
06	NS-1	0507547	M1415.D	8/1/05	19:26
07	NS-2	0507548	M1416.D	8/1/05	19:59
08	NS-3	0507549	M1417.D	8/1/05	20:32
09	NS-4	0507550	M1418.D	8/1/05	21:04
10	NS-5	0507551	M1419.D	8/1/05	21:37

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID: M1423.D BFB Injection Date: 8/2/05

Instrument ID: HP5971M BFB Injection Time: 9:53

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	17.3
75	30.0 - 66.0% of mass 95	38.7
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	68.3
175	4.0 - 9.0% of mass 174	4.7 (6.9)1
176	93.0 - 101.0% of mass 174	65.9 (96.4)1
177	5.0 - 9.0% of mass 176	4.4 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	M1424.D	8/2/05	10:10
02	VBLKM38	VBLKM38	M1426.D	8/2/05	11:48
03	TB	0507552	M1427.D	8/2/05	12:28
04	NS-1	0507547	M1441.D	8/2/05	20:06
05	NS-2	0507548	M1442.D	8/2/05	20:39
06	NS-4	0507550	M1443.D	8/2/05	21:11
07	NS-5	0507551	M1444.D	8/2/05	21:44

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >C5397 BFB Injection Date: 08/03/05

Instrument ID: HP5970BC BFB Injection Time: 12:45

GC Column: RTX-502 Column ID: 0.53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	59.7
95	Base peak, 100% relative abundance	100.
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0(0.0)1
174	Greater than 50.0% of mass 95	81.4
175	5.0 - 9.0% of mass 174	5.3(6.5)1
176	95.0 - 101.0% of mass 174	81.1(99.6)1
177	5.0 - 9.0% of mass 176	5.5(6.7)2

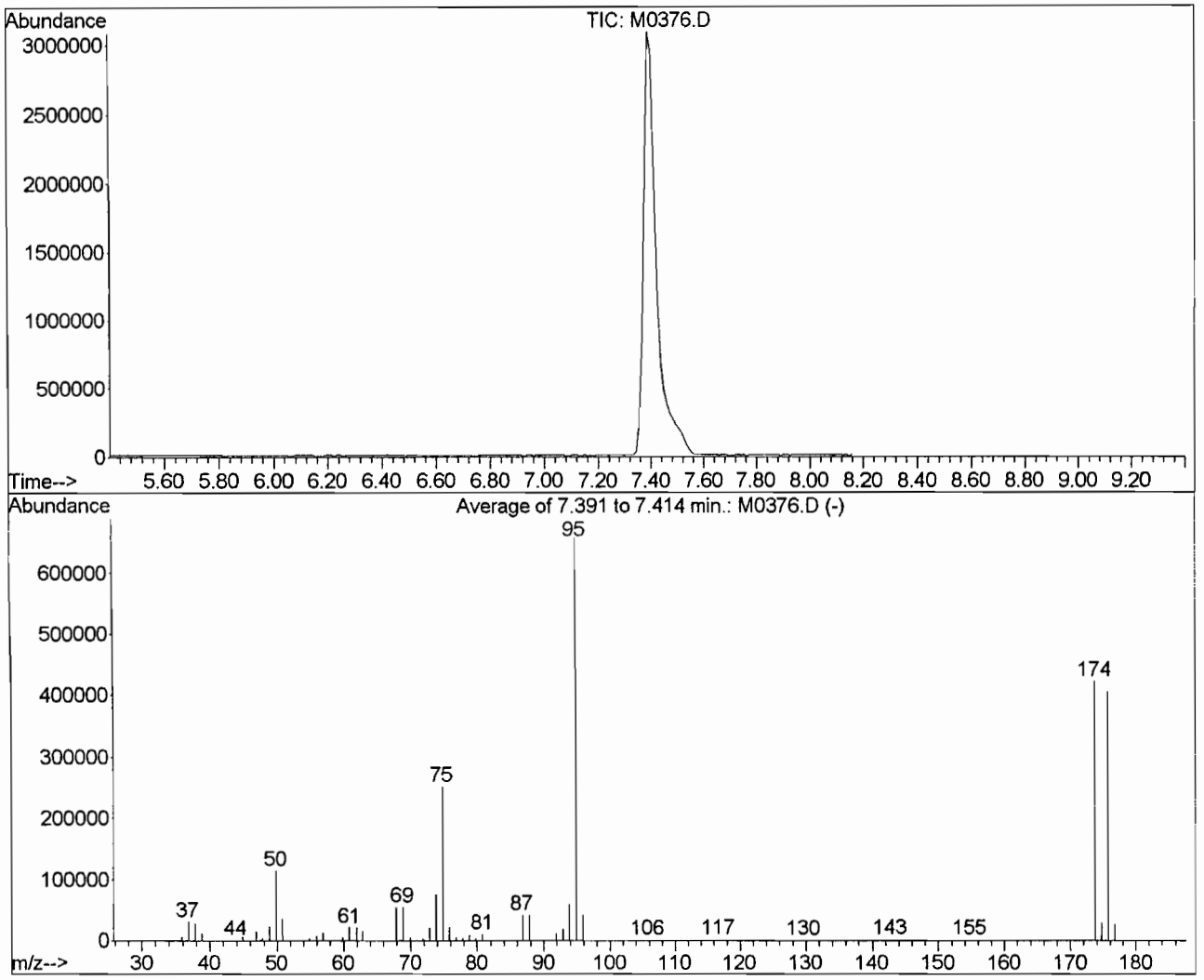
1-Value is % mass 174 2-Value is % mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050	>C5399	08/03/05	14:44
02		VBLKC20	>C5401	08/03/05	16:38
03		0507547	>C5403	08/03/05	18:11
04		0507548	>C5404	08/03/05	18:56
05		0507493	>C5405	08/03/05	19:44
06		0507497	>C5406	08/03/05	20:31
07		0507501	>C5407	08/03/05	21:18
08		0507506	>C5408	08/03/05	22:05
09		0507510	>C5409	08/03/05	22:51
10		0507768	>C5410	08/03/05	23:37
11		0507600	>C5411	08/04/05	00:23
12		0507600MS	>C5412	08/04/05	01:09
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File : D:\M\DATA\MAY05\M0523\M0376.D
Acq On : 23 May 2005 10:06
Sample : VTUNE
Misc : SOIL
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD

Vial: 1
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.391 to 7.414 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.4	114547	PASS
75	95	30	60	38.4	252373	PASS
95	95	100	100	100.0	657600	PASS
96	95	5	9	6.4	42195	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.1	421269	PASS
175	174	5	9	7.0	29288	PASS
176	174	95	101	96.3	405589	PASS
177	176	5	9	6.6	26704	PASS

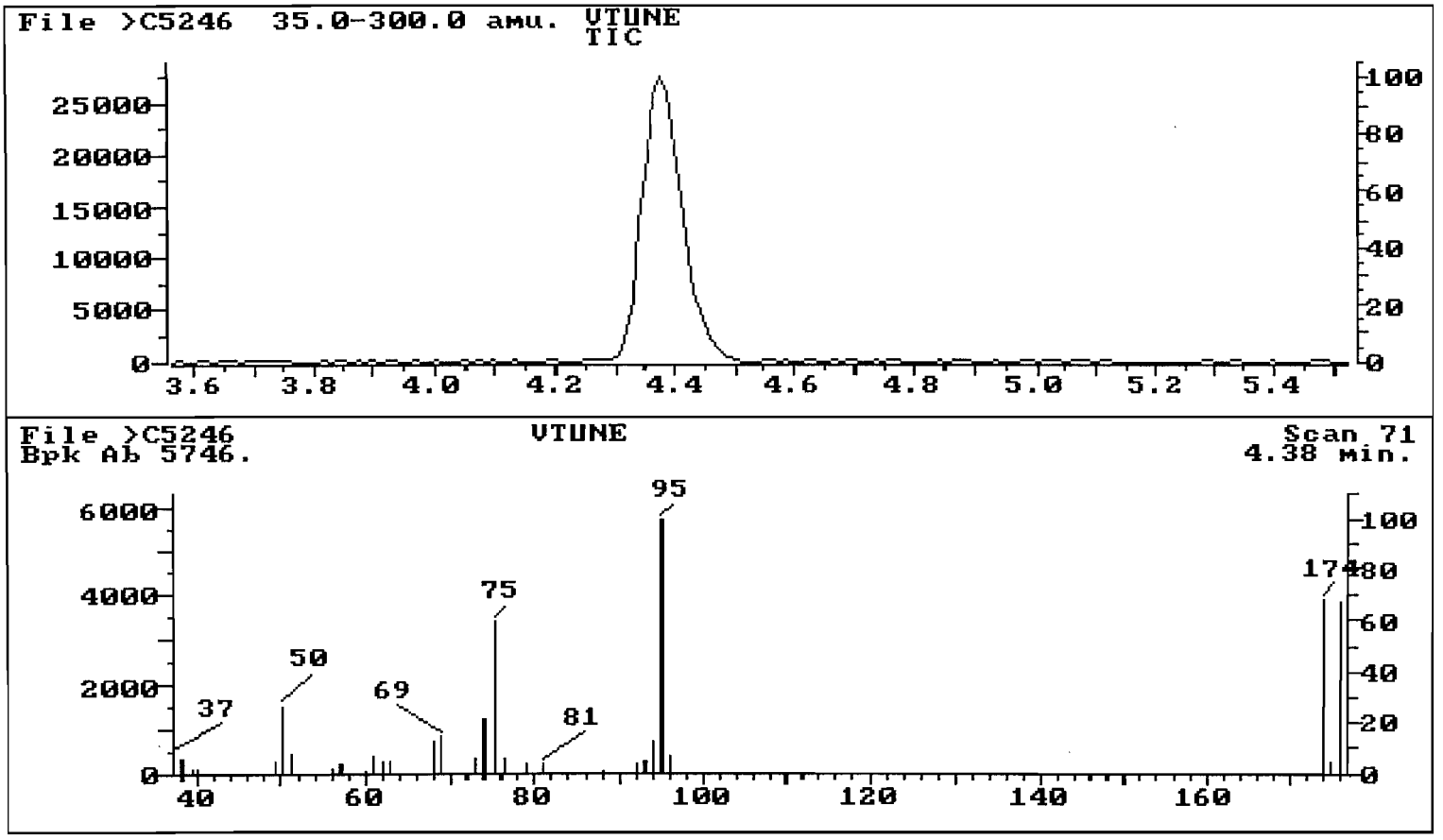
M0376.D VM8S0523.M Tue May 24 16:29:09 2005

GC/MS PERFORMANCE STANDARD

Bromofluorobenzene (BFB)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	Appropriate Peak	Status
50	15-40% of mass 95	26.38	26.38	OK
75	30-60% of mass 95	58.91	58.91	OK
95	Base peak, 100% relative abundance	100.00	100.00	OK
96	5-9% of mass 95	6.82	6.82	OK
173	Less than 2% of mass 174	0.00	0.00	OK
174	Greater than 50% of mass 95	68.10	68.10	OK
175	5-9% of mass 174	5.06	7.44	OK
176	95-101% of mass 174	66.71	97.96	OK
177	5-9% of mass 176	4.72	7.07	OK

Injection Date: 06/30/05
Injection Time: 09:21
Data File: >C5246
Scan: 71



>C5246 VTUNE
71

File: >C5246 Scan #: 71 Retn. time: 4.38

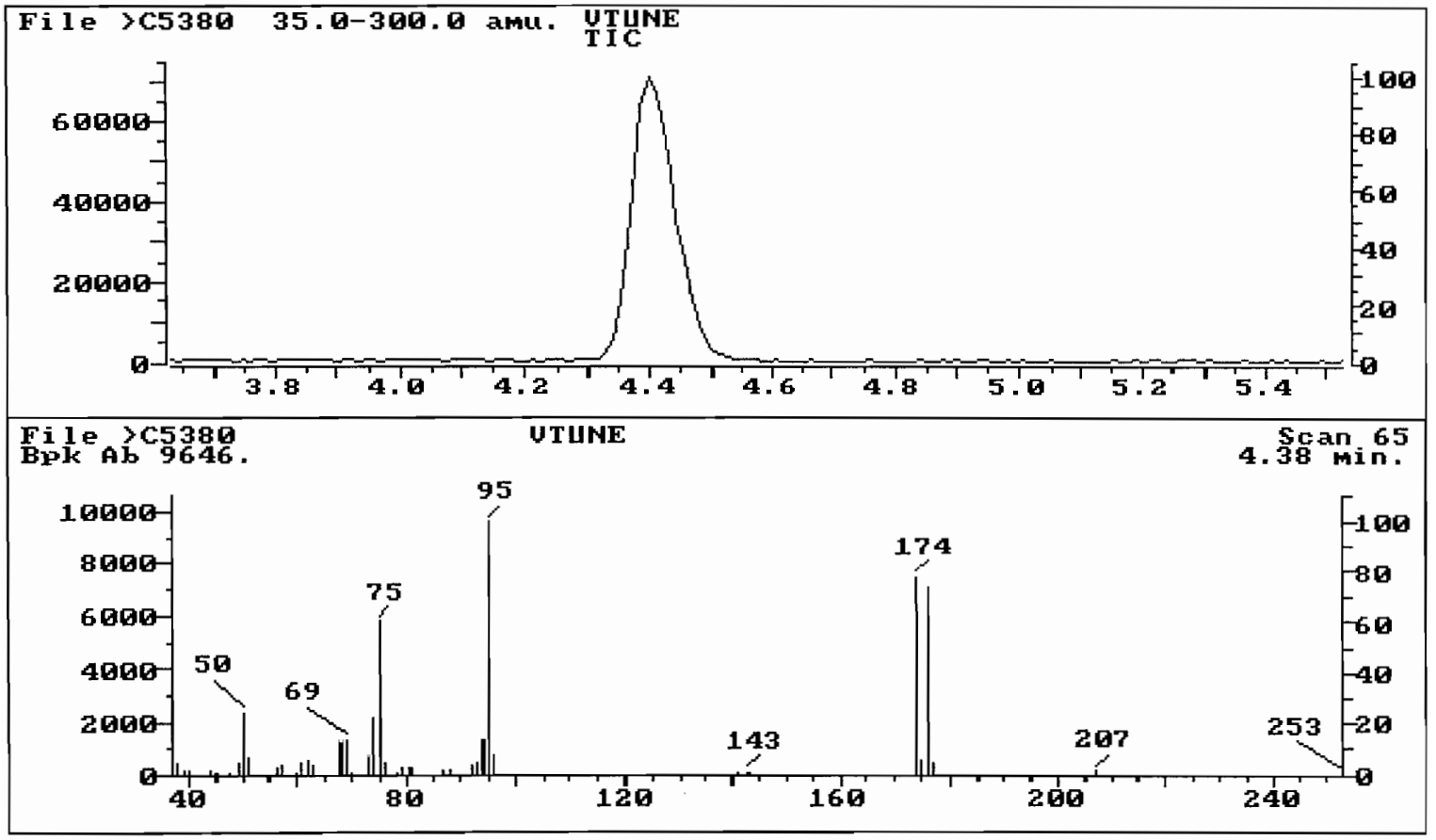
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.05	433.00	56.10	109.00	68.10	712.00	79.00	187.00	95.15	5746.00
38.05	344.00	57.10	219.00	69.10	829.00	81.00	212.00	96.15	392.00
39.15	128.00	60.10	58.00	73.10	368.00	88.05	76.00	174.05	3913.00
39.95	92.00	61.10	384.00	74.10	1199.00	92.15	200.00	175.05	291.00
49.05	297.00	62.10	304.00	75.10	3385.00	93.15	276.00	176.05	3833.00
50.05	1516.00	63.10	257.00	76.10	334.00	94.15	722.00	177.05	271.00
51.05	451.00								

GC/MS PERFORMANCE STANDARD

Bromofluorobenzene (BFB)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
50	15-40% of mass 95	24.69	24.69	OK
75	30-60% of mass 95	59.58	59.58	OK
95	Base peak, 100% relative abundance	100.00	100.00	OK
96	5-9% of mass 95	7.80	7.80	OK
173	Less than 2% of mass 174	0.00	0.00	OK
174	Greater than 50% of mass 95	77.52	77.52	OK
175	5-9% of mass 174	5.72	7.38	OK
176	95-101% of mass 174	73.65	95.00	OK
177	5-9% of mass 176	5.05	6.86	OK

Injection Date: 07/26/05
Injection Time: 11:09
Data File: >C5380
Scan: 65



>C5380 VTUNE
65

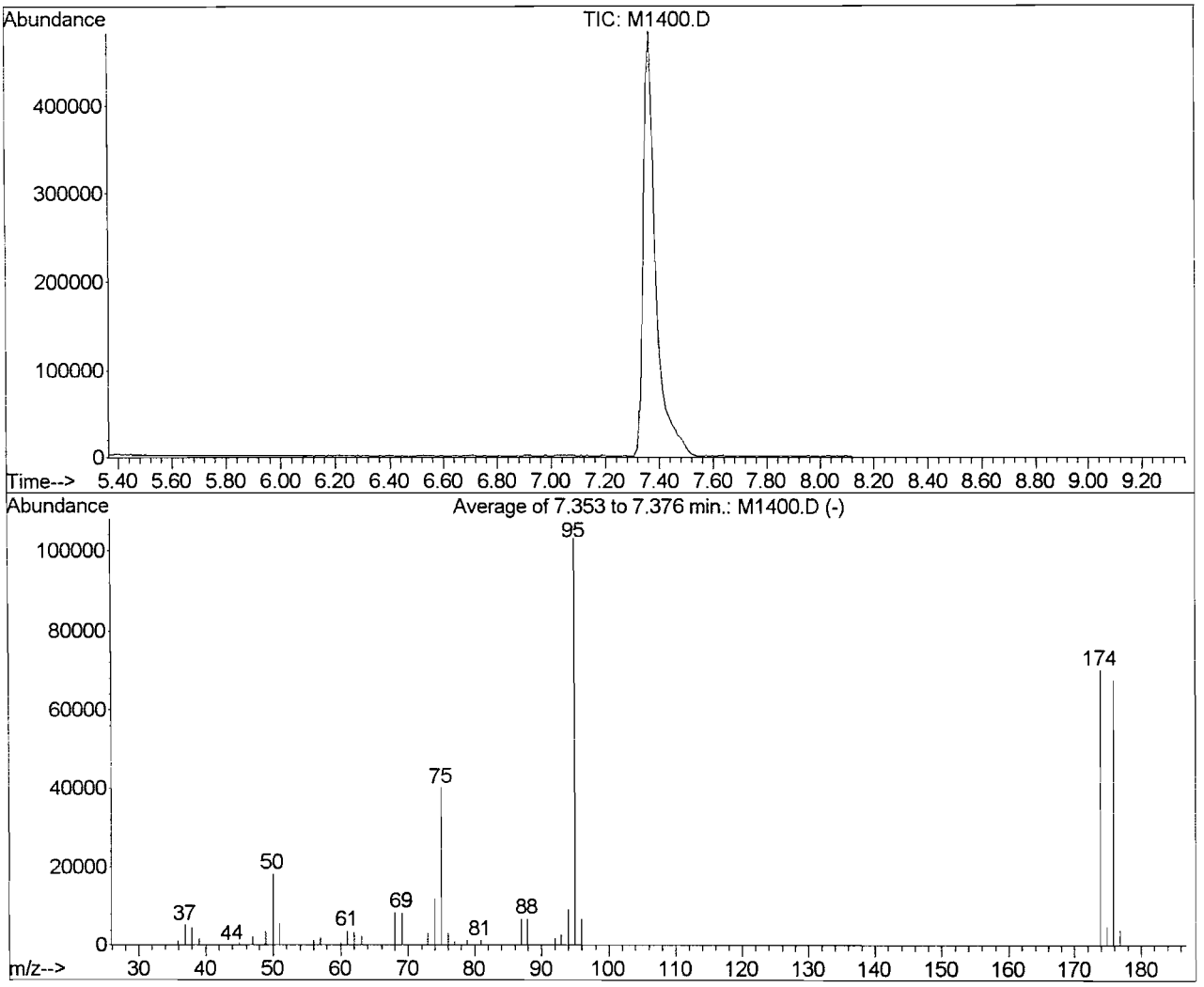
File: >C5380 Scan #: 65 Retn. time: 4.38

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.05	571.00	51.05	672.00	69.10	1348.00	81.00	252.00	141.10	105.00
38.05	527.00	56.10	233.00	70.10	83.00	87.00	145.00	143.00	137.00
39.05	183.00	57.10	327.00	73.10	680.00	88.05	161.00	174.05	7478.00
40.05	212.00	60.00	126.00	74.10	2101.00	92.15	317.00	175.05	552.00
44.05	182.00	61.10	510.00	75.10	5747.00	93.15	409.00	176.05	7104.00
45.05	111.00	62.10	596.00	76.10	504.00	94.15	1338.00	177.05	487.00
47.75	64.00	63.10	318.00	78.10	87.00	95.15	9646.00	207.20	179.00
49.05	471.00	68.10	1245.00	79.00	264.00	96.15	752.00	253.15	81.00
50.05	2382.00								

CLPBFB

Data File : D:\M\DATA\AUG05\M0801\M1400.D
Acq On : 1 Aug 2005 10:17
Sample : VTUNE
Misc : SOIL
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM60809.M (RTE Integrator)
Title : VOA 624

Vial: 7
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.353 to 7.376 min.

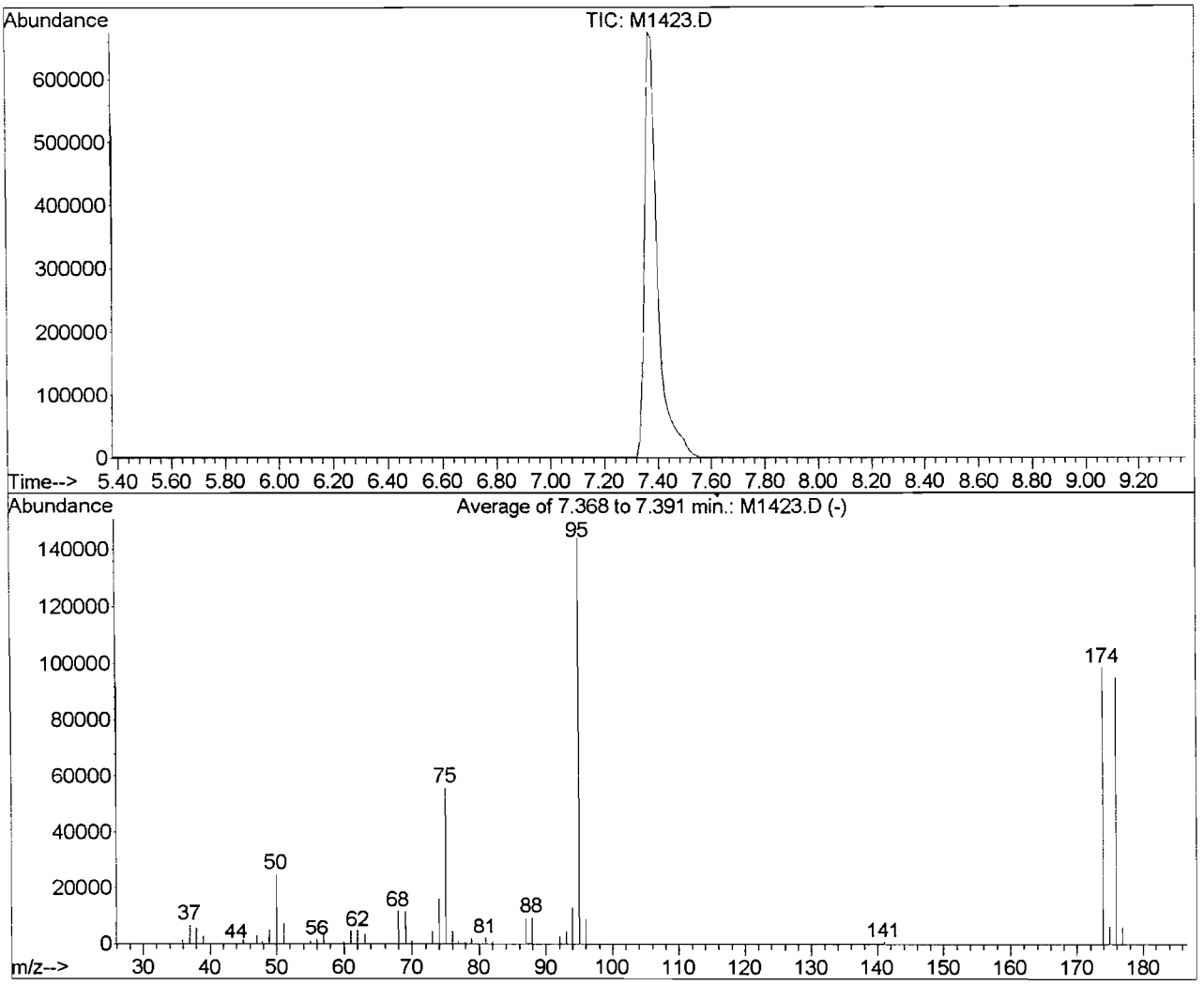
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.6	18153	PASS
75	95	30	60	39.0	40179	PASS
95	95	100	100	100.0	103067	PASS
96	95	5	9	6.6	6833	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	67.9	69949	PASS
175	174	5	9	7.1	4967	PASS
176	174	95	101	96.5	67496	PASS
177	176	5	9	6.4	4323	PASS

M1400.D VM60809.M Tue Aug 09 15:46:41 2005

CLPBFB

Data File : D:\M\DATA\AUG05\M0802\M1423.D
Acq On : 2 Aug 2005 9:53
Sample : VTUNE
Misc : SOIL
MS Integration Params: rteint.p
Method : D:\M\METHODS\VM60809.M (RTE Integrator)
Title : VOA 624

Vial: 7
Operator: GARY
Inst : GC/MS In
Multiplr: 1.00



Spectrum Information: Average of 7.368 to 7.391 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	24869	PASS
75	95	30	60	38.7	55757	PASS
95	95	100	100	100.0	143907	PASS
96	95	5	9	6.4	9148	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.3	98328	PASS
175	174	5	9	6.9	6811	PASS
176	174	95	101	96.4	94776	PASS
177	176	5	9	6.7	6330	PASS

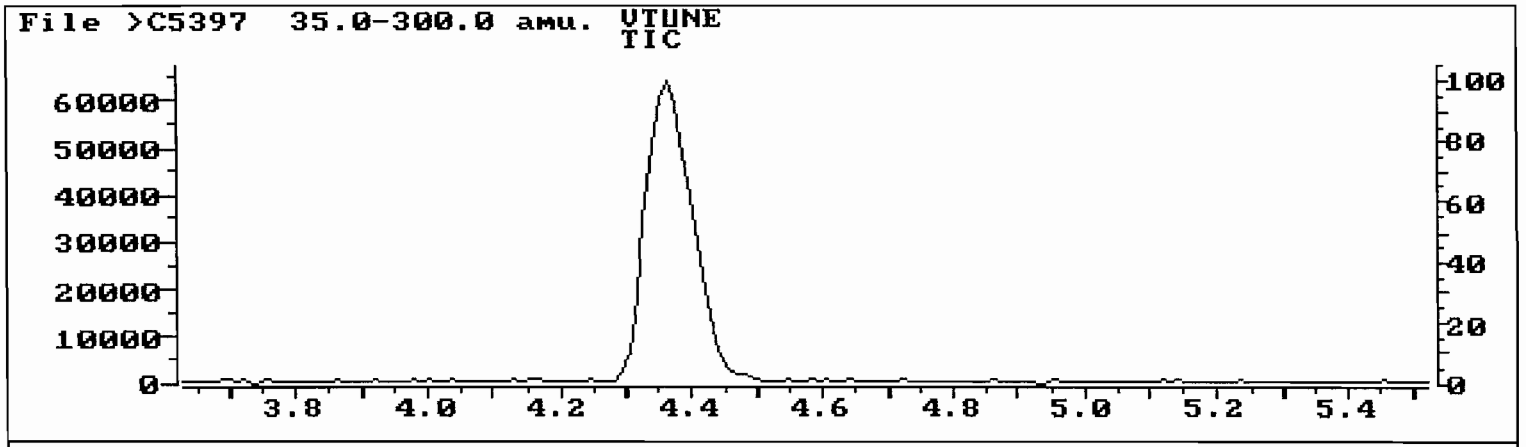
M1423.D VM60809.M Tue Aug 09 15:46:47 2005

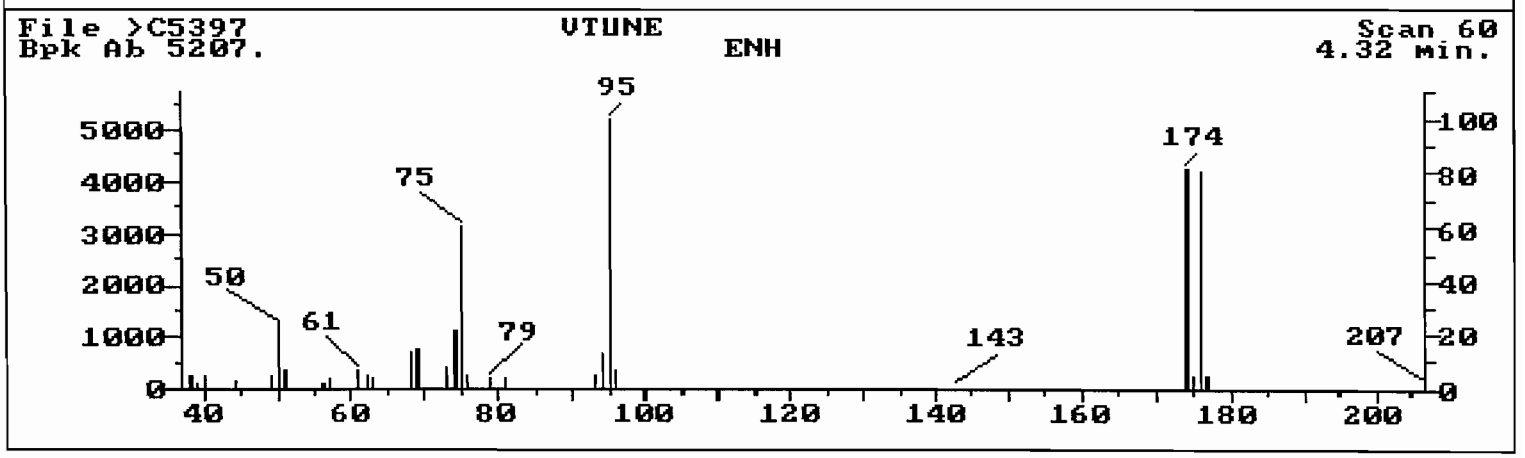
GC/MS PERFORMANCE STANDARD

Bromofluorobenzene (BFB)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
50	15-40% of mass 95	23.56	23.56	OK
75	30-60% of mass 95	59.75	59.75	OK
95	Base peak, 100% relative abundance	100.00	100.00	OK
96	5-9% of mass 95	6.89	6.89	OK
173	Less than 2% of mass 174	0.00	0.00	OK
174	Greater than 50% of mass 95	81.41	81.41	OK
175	5-9% of mass 174	5.32	6.54	OK
176	95-101% of mass 174	81.10	99.62	OK
177	5-9% of mass 176	5.46	6.74	OK

Injection Date: 08/03/05
Injection Time: 12:45
Data File: >C5397
Scan: 60





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>C5397 VTUNE
60 ENH

File: >C5397 Scan #: 60 Retn. time: 4.32

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
37.05	293.50	51.05	355.00	69.10	741.50	78.90	188.50	143.00	27.00
38.05	246.50	56.10	110.50	73.10	385.00	80.90	165.50	174.05	4239.00
39.05	111.00	57.10	177.00	74.10	1121.50	93.15	230.00	175.05	277.00
40.05	222.00	61.10	359.00	75.10	3111.00	94.15	659.00	176.05	4223.00
44.05	146.00	62.10	275.50	76.00	263.50	95.15	5207.00	177.05	284.50
49.05	284.00	63.10	206.50	78.00	30.00	96.05	358.50	207.10	81.50
50.05	1226.50	68.10	712.00						

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Instrument ID: HP5971M Calibration Date(s): 5/23/05 5/23/05

Heated Purge (Y/N): Y Calibration Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M0377.D RRF20 = M0378.D

RRF50 = M0379.D RRF100 = M0380.D RRF200 = M0381.D

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Acrolein		0.063	0.064	0.063	0.061	0.066	0.063	2.6	
Acrylonitrile		0.593	0.585	0.572	0.544	0.573	0.573	3.2	
Acetone		0.828	0.455	0.348	0.308	0.332	0.454	47.6	
Dichlorodifluoromethane		0.434	0.412	0.373	0.334	0.310	0.372	14.0	
Chloromethane	*	1.383	1.351	1.232	1.225	1.138	1.266	7.9	*
Vinyl Chloride	*	1.325	1.312	1.246	1.245	1.200	1.266	4.1	*
Bromomethane		0.372	0.350	0.349	0.354	0.323	0.350	5.1	
Chloroethane		0.275	0.230	0.228	0.231	0.222	0.237	9.1	
Trichoroflouromethane		0.630	0.617	0.600	0.616	0.603	0.613	2.0	
1,1-Dichloroethene	*	1.248	1.240	1.189	1.148	1.161	1.197	3.8	*
Carbon disulfide		2.823	2.893	2.853	2.817	2.911	2.859	1.5	
Methylene Chloride		3.144	2.262	1.777	1.578	1.535	2.059	32.6	
trans-1,2-Dichloroethene		1.485	1.447	1.422	1.372	1.396	1.424	3.1	
1,1-Dichloroethane	*	1.925	1.888	1.818	1.754	1.779	1.833	3.9	*
Vinyl acetate		1.411	1.425	1.519	1.508	1.725	1.517	8.3	
2,2-Dichloropropane		1.072	1.055	1.028	0.993	1.010	1.031	3.1	
2-Butanone		0.723	0.704	0.691	0.652	0.678	0.690	3.8	
cis-1,2-Dichloroethene		1.530	1.516	1.464	1.428	1.452	1.478	2.9	
Chloroform	*	1.417	1.380	1.345	1.303	1.314	1.352	3.5	*
Bromochloromethane		0.577	0.577	0.567	0.554	0.573	0.569	1.7	
1,1,1-Trichloroethane		0.887	0.891	0.872	0.846	0.865	0.872	2.1	
T-butyl alcohol		0.090	0.090	0.085	0.082	0.083	0.086	4.4	
1,1-Dichloropropene		0.640	0.616	0.631	0.587	0.581	0.611	4.3	
Carbon Tetrachloride		0.293	0.292	0.287	0.283	0.293	0.290	1.5	
1,2-Dichloroethane		0.419	0.407	0.397	0.382	0.387	0.398	3.8	
Benzene		1.903	1.879	1.842	1.770	1.804	1.840	2.9	
Trichloroethene		0.408	0.404	0.400	0.381	0.391	0.397	2.7	
1,2-Dichloropropane	*	0.583	0.581	0.569	0.546	0.560	0.568	2.7	*
Bromodichloromethane		0.413	0.430	0.438	0.435	0.451	0.433	3.2	
Dibromomethane		0.194	0.197	0.201	0.200	0.207	0.200	2.3	
2-Chloroethylvinylether		0.356	0.365	0.364	0.352	0.361	0.359	1.5	
cis-1,3-dichloropropene		0.717	0.725	0.734	0.717	0.747	0.728	1.8	
Toluene	*	1.764	1.744	1.706	1.637	1.668	1.704	3.1	*
trans-1,3-Dichloropropene		0.556	0.570	0.569	0.559	0.584	0.568	1.9	
1,1,2-Trichloroethane		0.368	0.370	0.362	0.348	0.357	0.361	2.5	
4-Methyl-2-pentanone		0.644	0.637	0.603	0.577	0.578	0.608	5.2	
1,2-Dibromoethane		0.373	0.387	0.378	0.364	0.375	0.375	2.3	
2-Hexanone		0.519	0.482	0.463	0.441	0.442	0.469	6.9	
1,3-dichloropropane		0.888	0.885	0.872	0.840	0.869	0.871	2.2	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date(s): 5/23/05 5/23/05

Heated Purge (Y/N): Y Calibration Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

LAB FILE ID RRF10 = M0377.D RRF20 = M0378.D
RRF50 = M0379.D RRF100 = M0380.D RRF200 = M0381.D

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
Tetrachloroethene	0.374	0.358	0.364	0.351	0.360	0.361	2.4	
Dibromochloromethane	0.299	0.328	0.344	0.344	0.367	0.336	7.4	
Ethylbenzene *	2.128	2.106	2.055	1.983	2.019	2.058	2.9	*
Chlorobenzene *	1.188	1.183	1.144	1.102	1.122	1.148	3.3	*
1,1,1,2-Tetrachloroethane	0.313	0.325	0.323	0.316	0.324	0.320	1.6	
m,p-Xylene	1.534	1.522	1.484	1.430	1.459	1.486	2.9	
o-Xylene	1.539	1.520	1.484	1.426	1.448	1.483	3.2	
Styrene	1.268	1.267	1.228	1.180	1.191	1.227	3.4	
Bromoform *	0.144	0.162	0.174	0.180	0.190	0.170	10.5	*
Isopropylbenzene	4.489	4.539	4.398	4.212	4.293	4.386	3.1	
1,1,2,2-Tetrachloroethane *	1.481	1.520	1.496	1.454	1.506	1.491	1.7	*
1,2,3-Trichloropropane	1.164	1.181	1.140	1.092	1.117	1.139	3.1	
n-Propyl benzene	6.398	6.434	6.243	5.960	6.115	6.230	3.2	
Bromobenzene	2.174	2.170	2.120	2.035	2.084	2.116	2.8	
1,3,5-Trimethylbenzene	3.495	3.521	3.429	3.277	3.367	3.418	2.9	
2-Chlorotoluene	3.541	3.552	3.426	3.287	3.348	3.431	3.4	
4-Chlorotoluene	3.826	3.834	3.709	3.552	3.635	3.711	3.3	
tert-Butylbenzene	3.071	3.079	2.965	2.821	2.877	2.963	3.9	
1,2,4-Trimethylbenzene	3.481	3.533	3.435	3.263	3.349	3.412	3.1	
sec-Butylbenzene	5.380	5.402	5.213	4.901	4.999	5.179	4.3	
p-Isopropyltoluene	3.800	3.797	3.719	3.509	3.586	3.682	3.5	
1,3-Dichlorobenzene	1.834	1.855	1.797	1.727	1.753	1.793	3.0	
1,4-Dichlorobenzene	1.890	1.885	1.818	1.739	1.760	1.818	3.8	
n-Butylbenzene	4.108	4.109	4.023	3.763	3.910	3.982	3.7	
1,2-Dichlorobenzene	1.616	1.640	1.600	1.537	1.576	1.594	2.5	
1,2-Dibromo-3-Chloropropane	0.145	0.158	0.171	0.171	0.187	0.166	9.6	
1,2,4-Trichlorobenzene	0.618	0.637	0.684	0.701	0.808	0.689	10.8	
Hexachlorobutadiene	0.360	0.366	0.348	0.314	0.350	0.348	5.8	
Naphthalene	2.602	2.698	2.701	2.607	2.802	2.682	3.1	
1,2,3-Trichlorobenzene	0.486	0.607	0.669	0.678	0.749	0.638	15.4	
Methyl t-butyl ether	2.946	2.875	2.885	2.765	2.957	2.886	2.6	
1,2-Dichloroethane-d4	0.317	0.311	0.301	0.289	0.295	0.302	3.8	
Toluene-d8	1.318	1.316	1.277	1.227	1.246	1.277	3.2	
Bromofluorobenzene	0.434	0.425	0.404	0.389	0.385	0.407	5.4	

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BC

Contractor: Accredited Labs Calibration Date: 06/30/05

Contract No: CACA28

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 30%

Compound	Laboratory ID: >C5249 RF 10.00	>C5248 RF 20.00	>C5247 RF 50.00	>C5250 RF 100.00	>C5251 RF 200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC	
Acrolein	.00288	.00324	.00396	.00396	.00371	.600	.00355	13.340			(Conc=50.0,100.0,250.0,50
Acrylonitrile	.04481	.04504	.04718	.04540	.04117	.756	.04472	4.903			(Conc=50.0,100.0,250.0,50
Acetone	.08230	.07128	.07817	.06227	.05184	.615	.06917	17.796			
Dichlorodifluoromethane	.36406	.40588	.46180	.34859	.31582	.323	.37923	14.869			
Chloromethane	.13245	.16144	.16644	.14048	.13144	.361	.14645	11.225		**	
Vinyl Chloride	.13128	.13816	.13377	.12167	.12001	.380	.12898	6.087	*		
Bromomethane	.21622	.22267	.23016	.21144	.20405	.449	.21691	4.637			
Chloroethane	.09189	.10281	.11877	.10455	.09992	.465	.10359	9.437			
Trichlorofluoromethane	.97993	1.00259	1.05702	.93681	.85568	.508	.96640	7.819			
1,1-Dichloroethene	.54121	.53599	.56917	.52637	.48978	.631	.53250	5.390	*		
Carbon disulfide	.49694	.48981	.51650	.48955	.46099	.722	.49076	4.062			
Methylene Chloride	.58977	.44777	.38027	.33444	.28748	.727	.40795	28.830			
trans-1,2-Dichloroethene	.49944	.49118	.50999	.48768	.44747	.781	.48715	4.883			
1,1-Dichloroethane	.59765	.58184	.59355	.56947	.53773	.858	.57605	4.179		**	
Vinyl acetate	.21642	.22438	.23087	.25264	.24578	.863	.23402	6.401			
2,2-Dichloropropane	.60755	.59580	.60211	.55454	.47949	.952	.56790	9.448			
2-Butanone	.06983	.07370	.08522	.07912	.07207	.933	.07599	8.153			
cis-1,2-dichloroethene	.57963	.56918	.57979	.55532	.51298	.960	.55938	4.970			
Chloroform	.87760	.85671	.89120	.85306	.78481	.985	.85268	4.810	*		
Bromochloromethane	.32542	.28784	.30059	.29185	.27736	1.011	.29661	6.115			
1,1,1-Trichloroethane	.94660	.90612	.96706	.90022	.81973	1.048	.90795	6.238			
T-butyl alcohol	.02152	.02181	.02715	.02252	.01872	.665	.02234	13.655			(Conc=100.0,200.0,500.0,1
1,2-Dichloroethane-d4	.57283	.56949	.57492	.55636	.51685	.950	.55809	4.329			
1,1-Dichloropropene	.56949	.57839	.57304	.56630	.52877	.927	.56320	3.509			
Carbon Tetrachloride	.95518	.94717	1.00259	.95147	.86525	.940	.94433	5.248			
1,2-Dichloroethane	.71446	.69954	.72695	.69635	.64475	.962	.69641	4.505			
Benzene	.77843	.76188	.75557	.74717	.70266	.962	.74914	3.791			
Trichloroethene	.47581	.47191	.47007	.46784	.43282	1.043	.46369	3.775			
1,2-Dichloropropane	.29086	.29151	.28261	.28585	.26965	1.066	.28409	3.122	*		
Bromodichloromethane	.91311	.88835	.91592	.89627	.83446	1.097	.88962	3.699			

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BC

Contractor: Accredited Labs Calibration Date: 06/30/05

Contract No: CACA28

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 30%

Laboratory ID:	>C5249	>C5248	>C5247	>C5250	>C5251					
Compound	RF 10.00	RF 20.00	RF 50.00	RF 100.00	RF 200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Dibromomethane	.40104	.40447	.41129	.40905	.39463	1.103	.40410	1.639		
2-Chloroethylvinylether	.07400	.09200	.10282	.12283	.13024	1.136	.10438	21.888		
cis-1,3-dichloropropene	.54360	.54936	.57205	.59238	.56276	1.167	.56403	3.436		(Conc=9.5,18.9,47.3,94.5,
Toluene-d8	.98806	.96718	.96235	.96592	.90963	1.198	.95863	3.044		
Toluene	1.06972	1.05270	1.03734	1.03562	.98233	1.208	1.03555	3.165	*	
trans-1,3-Dichloropropene	.47451	.49180	.52314	.54577	.51652	1.231	.51035	5.441		(Conc=10.5,21.1,52.8,105.
1,1,2-Trichloroethane	.24938	.25539	.25316	.25523	.23728	1.251	.25009	3.023		
4-Methyl-2-pentanone	.33102	.34128	.35813	.36043	.35483	1.140	.34914	3.597		
1,2-Dibromoethane	.50413	.50224	.51999	.51341	.47946	1.346	.50384	3.058		
Bromofluorobenzene	.80899	.77488	.82671	.78491	.72027	1.555	.78315	5.183		
2-Hexanone	.19173	.19964	.20933	.20108	.18336	.899	.19703	5.009		
1,3-dichloropropane	.65148	.62436	.62786	.63922	.60873	.921	.63033	2.551		
Tetrachloroethene	.77337	.73573	.71906	.75044	.70025	.926	.73577	3.826		
Dibromochloromethane	.95402	.92481	.95868	.97837	.90358	.946	.94389	3.134		
Ethylbenzene	1.97396	1.99706	1.95722	1.94916	1.80267	1.009	1.93601	3.965	*	
Chlorobenzene	1.07737	1.03260	1.04454	1.06875	1.00299	1.004	1.04525	2.842		**
1,1,1,2-Tetrachloroethane	.70068	.66497	.70252	.70068	.64247	1.007	.68226	3.995		
m,p-Xylene	1.69785	1.56390	1.56588	1.62770	1.25939	1.016	1.54294	10.872		(Conc=20.0,40.0,100.0,200
o-Xylene	1.72044	1.64579	1.67640	1.67144	1.31214	1.058	1.60524	10.343		(Conc=20.0,40.0,100.0,200
Styrene	1.01600	.96990	1.00808	1.01258	.91571	1.061	.98445	4.334		(Conc=20.0,40.0,100.0,200
Bromoform	.70312	.68664	.73194	.73219	.69160	1.094	.70910	3.074		**
Isopropylbenzene	2.90323	2.80460	2.70375	2.80899	2.60772	.887	2.76566	4.087		
1,1,2,2-Tetrachloroethane	.77589	.78575	.74996	.74895	.70033	.900	.75218	4.406		**
1,2,3-Trichloropropane	.30600	.31176	.31574	.30667	.27761	.912	.30356	4.953		
n-Propyl benzene	3.62966	3.48588	3.29214	3.48938	3.08264	.918	3.39594	6.253		
Bromobenzene	1.91763	1.64435	1.76486	1.77172	1.65989	.922	1.75169	6.258		
1,3,5-Trimethylbenzene	2.91358	2.74688	2.59674	2.72699	2.57424	.931	2.71169	5.027		
2-Chlorotoluene	2.85239	2.98810	2.77793	2.81772	2.58573	.933	2.80437	5.190		
4-Chlorotoluene	2.77000	2.43615	2.46698	2.57381	2.53341	.936	2.55607	5.135		
tert-Butylbenzene	2.91658	2.80340	2.64632	2.81308	2.58616	.959	2.75311	4.877		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

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Initial Calibration Data
HSL Compounds

Case No: Instrument ID: HP5970BC

Contractor: Accredited Labs Calibration Date: 06/30/05

Contract No: CACA28

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % RSD for CCC is 30%

Laboratory ID:	>C5249	>C5248	>C5247	>C5250	>C5251					
	RF	RF	RF	RF	RF					
Compound	10.00	20.00	50.00	100.00	200.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
1,2,4-Trimethylbenzene	2.85802	2.80388	2.61215	2.74823	2.51128	.962	2.70671	5.264		
sec-Butylbenzene	3.82035	3.54676	3.30216	3.61302	3.26991	.975	3.51044	6.513		
p-Isopropyltoluene	3.22849	3.05615	2.86481	3.12054	2.87462	.987	3.02892	5.212		
1,3-Dichlorobenzene	1.69282	1.63189	1.57455	1.63967	1.54873	.994	1.61754	3.517		
1,4-Dichlorobenzene	1.71660	1.65558	1.63857	1.69385	1.55154	1.003	1.65123	3.855		
n-Butylbenzene	2.99421	2.82514	2.54122	2.87607	2.60816	1.019	2.76896	6.831		
1,2-Dichlorobenzene	1.56855	1.54422	1.43197	1.49918	1.38022	1.032	1.48483	5.269		
1,2-Dibromo-3-Chloropropane	.24014	.25915	.24955	.26415	.24326	1.095	.25125	4.073		
1,2,4-Trichlorobenzene	1.26846	1.17264	1.08044	1.23099	1.10045	1.167	1.17060	6.924		
Hexachlorobutadiene	1.08295	.91199	.73904	.98842	.82748	1.178	.90998	14.754		
Naphthalene	1.96261	2.04260	1.43603	1.65506	1.54490	1.190	1.72824	15.257		
1,2,3-Trichlorobenzene	1.09496	1.02944	.88483	1.01288	.87579	1.211	.97958	9.773		
Methyl t-butyl ether	.99531	.94131	.91100	.85681	.75370	.383	.89163	10.314		(Conc=100.0,200.0,500.0,1

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 8/1/05 Time: 10:32

Lab File ID: M1401.D Init. Calib. Date(s): 5/23/05 5/23/05

Heated Purge: (Y/N) Y Init. Calib. Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.063	0.038		40.9	
Acrylonitrile	0.573	0.399		30.4	
Acetone	0.454	0.360		20.7	
Dichlorodifluoromethane	0.372	0.482		-29.5	
Chloromethane	1.266	1.217	0.100	3.8	0.0
Vinyl Chloride	1.266	1.203	0.100	4.9	20.0
Bromomethane	0.350	0.243		30.6	
Chloroethane	0.237	0.236		0.5	
Trichoroflouromethane	0.613	0.556		9.4	
1,1-Dichloroethene	1.197	1.013	0.100	15.4	20.0
Carbon disulfide	2.859	2.276		20.4	
Methylene Chloride	2.059	1.616		21.5	
trans-1,2-Dichloroethene	1.424	1.236		13.2	
1,1-Dichloroethane	1.833	1.547	0.100	15.6	0.0
Vinyl acetate	1.517	1.037		31.6	
2,2-Dichloropropane	1.031	0.940		8.9	
2-Butanone	0.690	0.466		32.4	
cis-1,2-Dichloroethene	1.478	1.244		15.8	
Chloroform	1.352	1.191	0.100	11.9	20.0
Bromochloromethane	0.569	0.543		4.6	
1,1,1-Trichloroethane	0.872	0.774		11.3	
T-butyl alcohol	0.086	0.046		46.3	
1,1-Dichloropropene	0.611	0.562		8.0	
Carbon Tetrachloride	0.290	0.281		3.1	
1,2-Dichloroethane	0.398	0.351		11.8	
Benzene	1.840	1.622		11.9	
Trichloroethene	0.397	0.367		7.4	
1,2-Dichloropropane	0.568	0.488	0.100	14.1	20.0
Bromodichloromethane	0.433	0.416		4.0	
Dibromomethane	0.200	0.210		-5.0	
2-Chloroethylvinylether	0.359	0.320		11.1	
cis-1,3-dichloropropene	0.728	0.640		12.0	
Toluene	1.704	1.532	0.100	10.1	20.0
trans-1,3-Dichloropropene	0.568	0.506		10.8	
1,1,2-Trichloroethane	0.361	0.323		10.7	
4-Methyl-2-pentanone	0.608	0.458		24.6	
1,2-Dibromoethane	0.375	0.340		9.5	
2-Hexanone	0.469	0.333		29.1	
1,3-dichloropropane	0.871	0.734		15.6	

All other compounds must meet a minimum RRF of 0.010.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 8/1/05 Time: 10:32

Lab File ID: M1401.D Init. Calib. Date(s): 5/23/05 5/23/05

Heated Purge: (Y/N) Y Init. Calib. Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.361	0.384		-6.4	
Dibromochloromethane	0.336	0.340		-1.2	
Ethylbenzene	2.058	1.835	0.100	10.8	20.0
Chlorobenzene	1.148	1.078	0.100	6.1	0.0
1,1,1,2-Tetrachloroethane	0.320	0.309		3.6	
m,p-Xylene	1.486	1.329		10.5	
o-Xylene	1.483	1.335		10.0	
Styrene	1.227	1.109		9.6	
Bromoform	0.170	0.179	0.100	-5.2	0.0
Isopropylbenzene	4.386	3.694		15.8	
1,1,2,2-Tetrachloroethane	1.491	1.195	0.100	19.9	0.0
1,2,3-Trichloropropane	1.139	0.869		23.7	
n-Propyl benzene	6.230	5.260		15.6	
Bromobenzene	2.116	1.784		15.7	
1,3,5-Trimethylbenzene	3.418	2.915		14.7	
2-Chlorotoluene	3.431	2.928		14.7	
4-Chlorotoluene	3.711	3.174		14.5	
tert-Butylbenzene	2.963	2.614		11.8	
1,2,4-Trimethylbenzene	3.412	2.919		14.5	
sec-Butylbenzene	5.179	4.406		14.9	
p-Isopropyltoluene	3.682	3.238		12.1	
1,3-Dichlorobenzene	1.793	1.682		6.2	
1,4-Dichlorobenzene	1.818	1.678		7.7	
n-Butylbenzene	3.982	3.384		15.0	
1,2-Dichlorobenzene	1.594	1.473		7.6	
1,2-Dibromo-3-Chloropropane	0.166	0.141		14.9	
1,2,4-Trichlorobenzene	0.689	0.771		-11.9	
Hexachlorobutadiene	0.348	0.326		6.2	
Naphthalene	2.682	2.203		17.8	
1,2,3-Trichlorobenzene	0.638	0.675		-5.8	
Methyl t-butyl ether	2.886	2.292		20.6	
1,2-Dichloroethane-d4	0.302	0.279		7.9	
Toluene-d8	1.277	1.195		6.4	
Bromofluorobenzene	0.407	0.387		5.1	

All other compounds must meet a minimum RRF of 0.010.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 8/2/05 Time: 10:10

Lab File ID: M1424.D Init. Calib. Date(s): 5/23/05 5/23/05

Heated Purge: (Y/N) Y Init. Calib. Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Acrolein	0.063	0.026		59.2	
Acrylonitrile	0.573	0.416		27.4	
Acetone	0.454	0.380		16.3	
Dichlorodifluoromethane	0.372	0.531		-42.5	
Chloromethane	1.266	1.335	0.100	-5.5	0.0
Vinyl Chloride	1.266	1.308	0.100	-3.4	20.0
Bromomethane	0.350	0.251		28.2	
Chloroethane	0.237	0.260		-9.7	
Trichoroflouromethane	0.613	0.612		0.2	
1,1-Dichloroethene	1.197	1.026	0.100	14.3	20.0
Carbon disulfide	2.859	2.236		21.8	
Methylene Chloride	2.059	1.331		35.4	
trans-1,2-Dichloroethene	1.424	1.247		12.4	
1,1-Dichloroethane	1.833	1.576	0.100	14.0	0.0
Vinyl acetate	1.517	0.977		35.6	
2,2-Dichloropropane	1.031	0.939		9.0	
2-Butanone	0.690	0.630		8.6	
cis-1,2-Dichloroethene	1.478	1.278		13.5	
Chloroform	1.352	1.224	0.100	9.5	20.0
Bromochloromethane	0.569	0.557		2.1	
1,1,1-Trichloroethane	0.872	0.792		9.2	
T-butyl alcohol	0.086	0.051		40.6	
1,1-Dichloropropene	0.611	0.571		6.6	
Carbon Tetrachloride	0.290	0.288		0.5	
1,2-Dichloroethane	0.398	0.366		8.0	
Benzene	1.840	1.658		9.9	
Trichloroethene	0.397	0.378		4.8	
1,2-Dichloropropane	0.568	0.498	0.100	12.3	20.0
Bromodichloromethane	0.433	0.425		2.0	
Dibromomethane	0.200	0.222		-11.0	
2-Chloroethylvinylether	0.359	0.338		5.9	
cis-1,3-dichloropropene	0.728	0.655		10.1	
Toluene	1.704	1.568	0.100	8.0	20.0
trans-1,3-Dichloropropene	0.568	0.514		9.4	
1,1,2-Trichloroethane	0.361	0.339		6.2	
4-Methyl-2-pentanone	0.608	0.508		16.3	
1,2-Dibromoethane	0.375	0.356		5.1	
2-Hexanone	0.469	0.476		-1.4	
1,3-dichloropropane	0.871	0.762		12.4	

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All other compounds must meet a minimum RRF of 0.010.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Instrument ID: HP5971M Calibration Date: 8/2/05 Time: 10:10

Lab File ID: M1424.D Init. Calib. Date(s): 5/23/05 5/23/05

Heated Purge: (Y/N) Y Init. Calib. Times: 10:25 12:39

GC Column: Rtx-624 ID: 0.18 (mm)

COMPOUND	RRF	RRF50	MIN RRF	% D	MAX % D
Tetrachloroethene	0.361	0.383		-6.0	
Dibromochloromethane	0.336	0.352		-4.7	
Ethylbenzene	2.058	1.890	0.100	8.2	20.0
Chlorobenzene	1.148	1.110	0.100	3.3	0.0
1,1,1,2-Tetrachloroethane	0.320	0.317		0.9	
m,p-Xylene	1.486	1.372		7.6	
o-Xylene	1.483	1.381		6.9	
Styrene	1.227	1.152		6.1	
Bromoform	0.170	0.188	0.100	-10.7	0.0
Isopropylbenzene	4.386	3.781		13.8	
1,1,2,2-Tetrachloroethane	1.491	1.253	0.100	16.0	0.0
1,2,3-Trichloropropane	1.139	0.924		18.9	
n-Propyl benzene	6.230	5.415		13.1	
Bromobenzene	2.116	1.828		13.6	
1,3,5-Trimethylbenzene	3.418	3.005		12.1	
2-Chlorotoluene	3.431	3.015		12.1	
4-Chlorotoluene	3.711	3.268		11.9	
tert-Butylbenzene	2.963	2.703		8.8	
1,2,4-Trimethylbenzene	3.412	2.997		12.2	
sec-Butylbenzene	5.179	4.504		13.0	
p-Isopropyltoluene	3.682	3.376		8.3	
1,3-Dichlorobenzene	1.793	1.727		3.7	
1,4-Dichlorobenzene	1.818	1.738		4.4	
n-Butylbenzene	3.982	3.459		13.1	
1,2-Dichlorobenzene	1.594	1.518		4.8	
1,2-Dibromo-3-Chloropropane	0.166	0.148		10.9	
1,2,4-Trichlorobenzene	0.689	0.792		-14.9	
Hexachlorobutadiene	0.348	0.325		6.5	
Naphthalene	2.682	2.262		15.7	
1,2,3-Trichlorobenzene	0.638	0.682		-7.0	
Methyl t-butyl ether	2.886	2.296		20.4	
1,2-Dichloroethane-d4	0.302	0.291		3.6	
Toluene-d8	1.277	1.242		2.7	
Bromofluorobenzene	0.407	0.410		-0.6	

All other compounds must meet a minimum RRF of 0.010.

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Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/03/05

Contractor: Accredited Labs Time: 14:44

Contract No: CACA28 Laboratory ID: >C5399

Instrument ID: HP5970BC Initial Calibration Date: 06/30/05

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % Diff for CCC is 20%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
Acrolein	.00355	.00183	48.53			(Conc=250.00)
Acrylonitrile	.04472	.03790	15.25			(Conc=250.00)
Acetone	.06917	.23456	239.10			
Dichlorodifluoromethane	.37923	.32064	15.45			
Chloromethane	.14645	.12683	13.40		**	
Vinyl Chloride	.12898	.11094	13.99	*		
Bromomethane	.21691	.19178	11.58			
Chloroethane	.10359	.09793	5.46			
Trichlorofluoromethane	.96640	.98831	2.27			
1,1-Dichloroethene	.53250	.44401	16.62	*		
Carbon disulfide	.49076	.34983	28.72			
Methylene Chloride	.40795	.39187	3.94			
trans-1,2-Dichloroethene	.48715	.42113	13.55			
1,1-Dichloroethane	.57605	.51590	10.44		**	
Vinyl acetate	.23402	.21152	9.61			
2,2-Dichloropropane	.56790	.57108	.56			
2-Butanone	.07599	.08121	6.87			
cis-1,2-dichloroethene	.55938	.51207	8.46			
Chloroform	.85268	.80823	5.21	*		
Bromochloromethane	.29661	.26039	12.21			
1,1,1-Trichloroethane	.90795	.87097	4.07			
T-butyl alcohol	.02234	.01991	10.88			(Conc=500.00)
1,2-Dichloroethane-d4	.55809	.58358	4.57			
1,1-Dichloropropene	.56320	1.04881	86.22			
Carbon Tetrachloride	.94433	.96690	2.39			
1,2-Dichloroethane	.69641	.77013	10.59			
Benzene	.74914	.68763	8.21			
Trichloroethene	.46369	.45592	1.68			
1,2-Dichloropropane	.28409	.27136	4.48	*		
Bromodichloromethane	.88962	.94031	5.70			
Dibromomethane	.40410	.41677	3.14			
2-Chloroethylvinylether	.10438	.10789	3.36			

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/03/05

Contractor: Accredited Labs Time: 14:44

Contract No: CACA28 Laboratory ID: >C5399

Instrument ID: HP5970BC Initial Calibration Date: 06/30/05

Minimum $\overline{RF}$ for SPCC is 0.1 Maximum % Diff for CCC is 20%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
cis-1,3-dichloropropene	.56403	.60368	7.03			(Conc=47.30)
Toluene-d8	.95863	.96191	.34			
Toluene	1.03555	1.02392	1.12	*		
trans-1,3-Dichloropropene	.51035	.54526	6.84			(Conc=52.80)
1,1,2-Trichloroethane	.25009	.27858	11.40			
4-Methyl-2-pentanone	.34914	.33926	2.83			
1,2-Dibromoethane	.50384	.51981	3.17			
Bromofluorobenzene	.78315	.86309	10.21			
2-Hexanone	.19703	.19876	.88			
1,3-dichloropropane	.63033	.59758	5.20			
Tetrachloroethene	.73577	.69870	5.04			
Dibromochloromethane	.94389	.90130	4.51			
Ethylbenzene	1.93601	1.80378	6.83	*		
Chlorobenzene	1.04525	.97028	7.17		**	
1,1,1,2-Tetrachloroethane	.68226	.66166	3.02			
m,p-Xylene	1.54294	1.53638	.43			(Conc=100.00)
o-Xylene	1.60524	1.56786	2.33			(Conc=100.00)
Styrene	.98445	.94935	3.57			(Conc=100.00)
Bromoform	.70910	.68637	3.21		**	
Isopropylbenzene	2.76566	2.63838	4.60			
1,1,2,2-Tetrachloroethane	.75218	.62722	16.61		**	
1,2,3-Trichloropropane	.30356	.28294	6.79			
n-Propyl benzene	3.39594	3.13732	7.62			
Bromobenzene	1.75169	1.66422	4.99			
1,3,5-Trimethylbenzene	2.71169	2.50247	7.72			
2-Chlorotoluene	2.80437	2.59412	7.50			
4-Chlorotoluene	2.55607	3.37350	31.98			
tert-Butylbenzene	2.75311	2.56481	6.84			
1,2,4-Trimethylbenzene	2.70671	1.99205	26.40			
sec-Butylbenzene	3.51044	3.22632	8.09			
p-Isopropyltoluene	3.02892	2.74297	9.44			
1,3-Dichlorobenzene	1.61754	1.46765	9.27			

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No:

Calibration Date: 08/03/05

Contractor: Accredited Labs

Time: 14:44

Contract No: CACA28

Laboratory ID: >C5399

Instrument ID: HP5970BC

Initial Calibration Date: 06/30/05

Minimum $\overline{RF}$ for SPCC is 0.1

Maximum % Diff for CCC is 20%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC	
1,4-Dichlorobenzene	1.65123	1.49052	9.73			
n-Butylbenzene	2.76896	2.52356	8.86			
1,2-Dichlorobenzene	1.48483	1.36689	7.94			
1,2-Dibromo-3-Chloropropane	.25125	.21615	13.97			
1,2,4-Trichlorobenzene	1.17060	1.15432	1.39			
Hexachlorobutadiene	.90998	1.74173	91.40			
Naphthalene	1.72824	1.66561	3.62			
1,2,3-Trichlorobenzene	.97958	1.74774	78.42			
Methyl t-butyl ether	.89163	.75420	15.41			(Conc=500.00)

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	VBLKM37	91	90	92	0
02	SS-1MS	92	91	85	0
03	SS-1MSD	94	91	93	0
04	NS-1	107	83	61 *	1
05	NS-2	97	83	58 *	1
06	NS-3	97	90	77	0
07	NS-4	91	89	70 *	1
08	NS-5	93	88	64 *	1
09	VBLKM38	92	91	94	0
10	NS-1	105	85	66 *	1
11	NS-2	97	88	69 *	1
12	NS-4	99	90	71 *	1
13	NS-5	94	90	69 *	1

				QC LIMITS
SMC1	(DCE-	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL-	=	Toluene-d8	(81-117)
SMC3	(BFB)	=	Bromofluorobenzene	(74-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

	EPA SAMPLE NO.	SMC1 (DCE- #	SMC2 (TOL- #	SMC3 (BFB) #	TOT OUT
01	TB	91	91	94	0

QC LIMITS

SMC1	(DCE-	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL-	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

ACCREDITED LABORATORIES, INC.
WATER/SOIL VOLATILE SURROGATE RECOVERY

	ALI Sample No.	Mtx	S1 (DCE-d4)	S2 (TOL-d8)	S3 (BFB)	TOTAL OUT
1	VBLKC20	W	108	103	112	0
2	0507547	W	107	99	102	0
3	0507548	W	110	97	104	0
4	0507130MS	W	112	98	103	0

EPA CLP QC Limits for:	WATER	SOIL
S1 (DCE-d4) = 1,2-Dichloroethane-d4	(76-114)	(70-121)
S2 (TOL-d8) = Toluene-d8	(88-110)	(81-117)
S3 (BFB) = Bromofluorobenzene	(86-115)	(74-121)

* Values outside of EPA contract laboratory QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: ~~8380~~ 8501 SAS No.: _____ SDG No.:

Lab File ID (Standard): >C5381 Date Analyzed: 07/26/05

Instrument ID: HP5970BC Time Analyzed: 11:39

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(DFB) AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(PFB) AREA #	RT #
	12 HOUR STD	225922	18.16	190785	25.31	253974	15.71
	UPPER LIMIT	451844	18.66	381570	25.81	507948	16.21
	LOWER LIMIT	112961	17.66	95393	24.81	126987	15.21
	LAB SAMPLE NO.						
01	VBLKC19	231395	18.20	188849	25.34	256994	15.74
02	0507130MS	198536	18.15	165282	25.34	217276	15.74
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: ~~8380~~ 8501(R) SAS No.: _____ SDG No.:

Lab File ID (Standard): >C5381 Date Analyzed: 07/26/05

Instrument ID: HP5970BC Time Analyzed: 11:39

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS4(DCB) AREA #	RT #				
12 HOUR STD	141631	31.15				
UPPER LIMIT	283262	31.65				
LOWER LIMIT	70815	30.65				
LAB SAMPLE NO.						
01 VBLKC19	128579	31.17				
02 0507130MS	113985	31.17				
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID (Standard): M1401.D Date Analyzed: 8/1/05

Instrument ID: HP5971M Time Analyzed: 10:32

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	169605	7.59	354381	8.73	303258	13.98
	UPPER LIMIT	339210	8.09	708762	9.23	606516	14.48
	LOWER LIMIT	84803	7.09	177191	8.23	151629	13.48
	EPA SAMPLE NO.						
01	VBLKM37	170896	7.60	357993	8.73	297943	13.99
02	SS-1MS	144235	7.60	295994	8.74	240776	14.00
03	SS-1MSD	143027	7.60	299331	8.75	254343	14.00
04	NS-1	51272 *	7.60	103720 *	8.75	69180 *	14.01
05	NS-2	83983 *	7.61	161573 *	8.75	103783 *	14.00
06	NS-3	133708	7.60	271723	8.74	208812	14.00
07	NS-4	106982	7.60	203073	8.75	143935 *	14.00
08	NS-5	94230	7.60	176635 *	8.74	120540 *	14.00

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID (Standard): M1401.D Date Analyzed: 08/01/05

Instrument ID: HP5971M Time Analyzed: 10:32

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	116303	20.12				
	UPPER LIMIT	232606	19.62				
	LOWER LIMIT	58152	20.62				
	EPA SAMPLE NO.						
01	VBLKM37	115534	20.13				
02	SS-1MS	99701	20.13				
03	SS-1MSD	97761	20.13				
04	NS-1	17202 *	20.13				
05	NS-2	24138 *	20.13				
06	NS-3	64318	20.13				
07	NS-4	42930 *	20.13				
08	NS-5	32791 *	20.14				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID (Standard): M1424.D Date Analyzed: 8/2/05

Instrument ID: HP5971M Time Analyzed: 10:10

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	167962	7.60	348326	8.75	301354	14.01
	UPPER LIMIT	335924	8.10	696652	9.25	602708	14.51
	LOWER LIMIT	83981	7.10	174163	8.25	150677	13.51
	EPA SAMPLE NO.						
01	VBLKM38	164900	7.60	345156	8.75	295596	14.01
02	TB	167324	7.60	351484	8.75	301908	14.01
03	NS-1	79151 *	7.61	167574 *	8.75	117781 *	14.02
04	NS-2	63009 *	7.62	125021 *	8.75	88312 *	14.01
05	NS-4	90003	7.61	175516	8.76	128351 *	14.02
06	NS-5	112499	7.62	225459	8.75	161404	14.02

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Lab File ID (Standard): M1424.D Date Analyzed: 08/02/05

Instrument ID: HP5971M Time Analyzed: 10:10

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge (Y/N): N Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	117638	20.14				
	UPPER LIMIT	235276	19.64				
	LOWER LIMIT	58819	20.64				
	EPA SAMPLE NO.						
01	VBLKM38	112265	20.14				
02	TB	116291	20.14				
03	NS-1	31648 *	20.14				
04	NS-2	24884 *	20.14				
05	NS-4	35108 *	20.14				
06	NS-5	46749 *	20.14				

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

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8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.:

Lab File ID (Standard): >C5399 Date Analyzed: 08/03/05

Instrument ID: HP5970BC Time Analyzed: 14:44

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(DFB) AREA #	IS1(DFB) RT #	IS2(CBZ) AREA #	IS2(CBZ) RT #	IS3(PFB) AREA #	IS3(PFB) RT #
	12 HOUR STD	231944	18.15	209828	25.30	261240	15.74
	UPPER LIMIT	463888	18.65	419656	25.80	522480	16.24
	LOWER LIMIT	115972	17.65	104914	24.80	130620	15.24
	LAB SAMPLE NO.						
01	VBLKC20	130714	18.19	120843	25.34	143164	15.74
02	0507547	208768	18.19	175379	25.34	229306	15.74
03	0507548	210011	18.15	174972	25.34	229452	15.69
04							
05							
06							
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22							

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABORATORIES, Contract:

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.:

Lab File ID (Standard): >C5399 Date Analyzed: 08/03/05

Instrument ID: HP5970BC Time Analyzed: 14:44

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #				
	12 HOUR STD	152356	31.14				
	UPPER LIMIT	304712	31.64				
	LOWER LIMIT	76178	30.64				
	LAB SAMPLE NO.						
01	VBLKC20	84953	31.17				
02	0507547	121191	31.17				
03	0507548	123964	31.17				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (PFB) = Pentafluorobenzene
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
TCLP VOLATILE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 0507130

Date Analyzed: 07/26/05

Data File: >C5390

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC
Benzene	.050	.000	.052	103
2-Butanone	.100	.000	.100	100
Carbon Tetrachloride	.050	.000	.056	111
Chlorobenzene	.050	.000	.048	96
Chloroform	.050	.000	.052	105
1,1-Dichloroethene	.050	.000	.053	107
1,2-Dichloroethane	.050	.000	.058	116
Tetrachloroethene	.050	.000	.049	99
Trichloroethene	.050	.000	.053	106
Vinyl Chloride	.050	.000	.039	77

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix Spike - EPA Sample No. SS-1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	40	80	59 - 172
Benzene	50	0.0	44	88	66 - 142
Trichloroethene	50	0.0	45	90	62 - 137
Toluene	50	0.0	44	88	59 - 139
Chlorobenzene	50	0.0	46	92	60 - 133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	40	80	0	22	59 - 172
Benzene	50	43	86	2	21	66 - 142
Trichloroethene	50	44	88	2	22	62 - 137
Toluene	50	43	86	2	21	59 - 139
Chlorobenzene	50	44	88	4	21	60 - 133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM37

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM37

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1403.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	4	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	6	
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM37

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM37

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1403.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

120

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKM37

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM37

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1403.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 8/1/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM38

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM38

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1426.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	25	U
107131	Acrylonitrile	6	U
67641	Acetone	3	J
75718	Dichlorodifluoromethane	5	U
74873	Chloromethane	5	U
67-64-1	Vinyl Chloride	5	U
74839	Bromomethane	5	U
75003	Chloroethane	5	U
75694	Trichoroflouromethane	5	U
75354	1,1-Dichloroethene	5	U
75150	Carbon disulfide	5	U
75092	Methylene Chloride	4	J
156605	trans-1,2-Dichloroethene	5	U
75343	1,1-Dichloroethane	5	U
108054	Vinyl acetate	5	U
590207	2,2-Dichloropropane	5	U
789333	2-Butanone	5	U
156592	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
74975	Bromochloromethane	5	U
71556	1,1,1-Trichloroethane	5	U
563586	1,1-Dichloropropene	5	U
56235	Carbon Tetrachloride	5	U
107062	1,2-Dichloroethane	5	U
71432	Benzene	5	U
79016	Trichloroethene	5	U
78875	1,2-Dichloropropane	5	U
75274	Bromodichloromethane	5	U
74953	Dibromomethane	5	U
110758	2-Chloroethylvinylether	5	U
10061015	cis-1,3-dichloropropene	5	U
108883	Toluene	5	U
10061026	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
108101	4-Methyl-2-pentanone	5	U
106934	1,2-Dibromoethane	5	U
591786	2-Hexanone	5	U
142289	1,3-dichloropropane	5	U
127184	Tetrachloroethene	5	U

122

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKM38

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM38

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1426.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 0 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
124481	Dibromochloromethane	5	U
100414	Ethylbenzene	5	U
108907	Chlorobenzene	5	U
630206	1,1,1,2-Tetrachloroethane	5	U
1330207	m,p-Xylene	10	U
95476	o-Xylene	5	U
100425	Styrene	5	U
75252	Bromoform	5	U
98828	Isopropylbenzene	5	U
79345	1,1,2,2-Tetrachloroethane	5	U
96184	1,2,3-Trichloropropane	5	U
103651	n-Propyl benzene	5	U
108861	Bromobenzene	5	U
108678	1,3,5-Trimethylbenzene	5	U
95498	2-Chlorotoluene	5	U
106434	4-Chlorotoluene	5	U
98066	tert-Butylbenzene	5	U
95636	1,2,4-Trimethylbenzene	5	U
135988	sec-Butylbenzene	5	U
99876	p-Isopropyltoluene	5	U
541731	1,3-Dichlorobenzene	5	U
106467	1,4-Dichlorobenzene	5	U
104518	n-Butylbenzene	5	U
95501	1,2-Dichlorobenzene	5	U
96128	1,2-Dibromo-3-Chloropropane	5	U
120821	1,2,4-Trichlorobenzene	5	U
87683	Hexachlorobutadiene	5	U
87616	1,2,3-Trichlorobenzene	5	U

123

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKM38

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLKM38

Sample wt/vol: 5.0 (g/ml) G Lab File ID: M1426.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 8/2/05

GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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ACCREDITED LABORATORIES, INC.
TCLP VOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	VBLKC20	DILUTION FACTOR	1
DATA FILE	>C5401	DATE EXTRACTED	
CLIENT NAME		DATE ANALYZED	08/03/05
FIELD ID		ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
71432	Benzene	U	.005	0.5
78933	2-Butanone	U	.010	200.0
56235	Carbon Tetrachloride	U	.005	0.5
108907	Chlorobenzene	U	.005	100.0
67663	Chloroform	U	.005	6.0
75354	1,1-Dichloroethene	U	.005	0.7
107062	1,2-Dichloroethane	U	.005	0.5
127184	Tetrachloroethene	U	.005	0.7
79016	Trichloroethene	U	.005	0.5
75014	Vinyl Chloride	U	.010	0.2

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	108 %	76 - 114	OK
Toluene-d8	103 %	88 - 110	OK
Bromofluorobenzene	112 %	86 - 115	OK

(U) Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Butanone = Methyl ethyl ketone

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: Case No.: ~~8380~~ 8501(R) SAS No.: _____ SDG No.:

Lab File ID: >C5383 Lab Sample ID: VBLKC19

Date Analyzed: 07/26/05 Time Analyzed: 13:28

GC Column: RTX-502 ID: 0.53(mm) Heated Purge: (Y/N) N

Instrument ID: HP5970C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		0507130MS	>C5390	19:26
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
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23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM37

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 SAS No.: SDG No.:

Lab File ID: M1403.D Lab Sample ID: VBLKM37

Date Analyzed: 8/1/05 Time Analyzed: 12:51

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SS-1MS	0507339MS	M1409.D	16:09
02	SS-1MSD	0507339MSD	M1411.D	17:15
03	NS-1	0507547	M1415.D	19:26
04	NS-2	0507548	M1416.D	19:59
05	NS-3	0507549	M1417.D	20:32
06	NS-4	0507550	M1418.D	21:04
07	NS-5	0507551	M1419.D	21:37

COMMENTS

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKM38

Lab Name: ACCREDITED LABS, INC. Contract: _____

Lab Code: _____ Case No.: 8501 SAS No.: _____ SDG No.: _____

Lab File ID: M1426.D Lab Sample ID: VBLKM38

Date Analyzed: 8/2/05 Time Analyzed: 11:48

GC Column: Rtx-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5971M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TB	0507552	M1427.D	12:28
02	NS-1	0507547	M1441.D	20:06
03	NS-2	0507548	M1442.D	20:39
04	NS-4	0507550	M1443.D	21:11
05	NS-5	0507551	M1444.D	21:44

COMMENTS

_____

_____

128

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Lab Name: ACCREDITED LABS, INC. Contract:_____

Lab Code: Case No.: 8501 SAS No.: _____ SDG No.:

Lab File ID: >C5401 Lab Sample ID: VBLKC20

Date Analyzed: 08/03/05 Time Analyzed: 16:38

GC Column: RTX-502 ID: 0.53(mm) Heated Purge: (Y/N) N

Instrument ID: HP5970C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		0507547	>C5403	18:11
02		0507548	>C5404	18:56
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
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26				
27				
28				
29				
30				

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >B0540 DFTPP Injection Date: 07/28/05

Instrument ID: HP5970BB DFTPP Injection Time: 13:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	57.5
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	58.9
70	Less than 2.0% of mass 69	.2(.4)1
127	40.0 - 60.0% of mass 198	41.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	20.3
365	Greater than 1.00% of mass 198	1.68
441	Present, but less than mass 443	7.9
442	Greater than 40.0% of mass 198	57.2
443	17.0 - 23.0% of mass 442	10.7(18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>B0541	07/28/05	13:25
02		SSTD160	>B0543	07/28/05	14:51
03		SSTD020	>B0544	07/28/05	15:33
04		SSTD080	>B0545	07/28/05	16:16
05		SSTD120	>B0546	07/28/05	16:59
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >B0593 DFTPP Injection Date: 08/02/05

Instrument ID: HP5970BB DFTPP Injection Time: 10:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	57.4
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	55.5
70	Less than 2.0% of mass 69	0.0(0.0)1
127	40.0 - 60.0% of mass 198	42.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	20.3
365	Greater than 1.00% of mass 198	1.63
441	Present, but less than mass 443	7.8
442	Greater than 40.0% of mass 198	58.3
443	17.0 - 23.0% of mass 442	10.0(17.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>B0597	08/02/05	12:48
02		SBLK82	>B0598	08/02/05	13:33
03		SBLK85	>B0599	08/02/05	14:16
04		SBLK84	>B0600	08/02/05	14:59
05		0507494	>B0601	08/02/05	15:42
06		0507498	>B0602	08/02/05	16:25
07		0507503	>B0603	08/02/05	17:08
08		0507508	>B0604	08/02/05	17:50
09		0507511	>B0605	08/02/05	18:33
10		0507511MS	>B0606	08/02/05	19:16
11		0507547	>B0607	08/02/05	19:59
12		0507548	>B0608	08/02/05	20:42
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >B0610 DFTPP Injection Date: 08/02/05

Instrument ID: HP5970BB DFTPP Injection Time: 21:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.6
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	59.5
70	Less than 2.0% of mass 69	.1(.1)1
127	40.0 - 60.0% of mass 198	40.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	19.4
365	Greater than 1.00% of mass 198	1.15
441	Present, but less than mass 443	5.7
442	Greater than 40.0% of mass 198	41.7
443	17.0 - 23.0% of mass 442	8.0(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>B0611	08/02/05	21:44
02		0507508	>B0613	08/02/05	23:09
03		0507511	>B0614	08/02/05	23:52
04		0507494	>B0615	08/03/05	00:34
05		0507498	>B0616	08/03/05	01:17
06		0507503	>B0617	08/03/05	02:00
07		0507547	>B0618	08/03/05	02:43
08		0507548	>B0619	08/03/05	03:25
09		0507549	>B0620	08/03/05	04:08
10		0507550	>B0621	08/03/05	04:51
11		0507551	>B0622	08/03/05	05:33
12		0507364DL	>B0623	08/03/05	06:16
13		0507386DL	>B0624	08/03/05	06:58
14		0507345DL	>B0625	08/03/05	07:41
15		0507346DL	>B0626	08/03/05	08:23
16		0507347DL	>B0627	08/03/05	09:06
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >B0628 DFTPP Injection Date: 08/03/05

Instrument ID: HP5970BB DFTPP Injection Time: 12:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.2
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	57.8
70	Less than 2.0% of mass 69	0.0(0.0)1
127	40.0 - 60.0% of mass 198	41.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.2
365	Greater than 1.00% of mass 198	1.36
441	Present, but less than mass 443	6.4
442	Greater than 40.0% of mass 198	48.1
443	17.0 - 23.0% of mass 442	8.8(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>B0630	08/03/05	13:17
02		0507342	>B0631	08/03/05	14:05
03		0507347DL	>B0632	08/03/05	14:48
04		0507548DL	>B0633	08/03/05	15:31
05		0507550DL	>B0634	08/03/05	16:14
06		0507549DL	>B0635	08/03/05	16:57
07		0507547DL	>B0636	08/03/05	17:40
08		0507551DL	>B0637	08/03/05	18:23
09		0507740	>B0638	08/03/05	19:05
10		0507741	>B0639	08/03/05	19:48
11		0507742	>B0640	08/03/05	20:31
12		0507755	>B0641	08/03/05	21:14
13		0507761	>B0642	08/03/05	21:57
14		0507762	>B0643	08/03/05	22:39
15		0507737	>B0644	08/03/05	23:22
16					
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ACCREDITED LABORATORIES, INC. Contract: _____

Lab File ID: >B0674 DFTPP Injection Date: 08/08/05

Instrument ID: HP5970BB DFTPP Injection Time: 10:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	54.8
68	Less than 2.0% of mass 69	0.0(0.0)1
69	Mass 69 relative abundance	53.3
70	Less than 2.0% of mass 69	0.0(0.0)1
127	40.0 - 60.0% of mass 198	40.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% Relative abundance	100.
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	22.5
365	Greater than 1.00% of mass 198	1.66
441	Present, but less than mass 443	10.5
442	Greater than 40.0% of mass 198	67.0
443	17.0 - 23.0% of mass 442	13.8(20.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

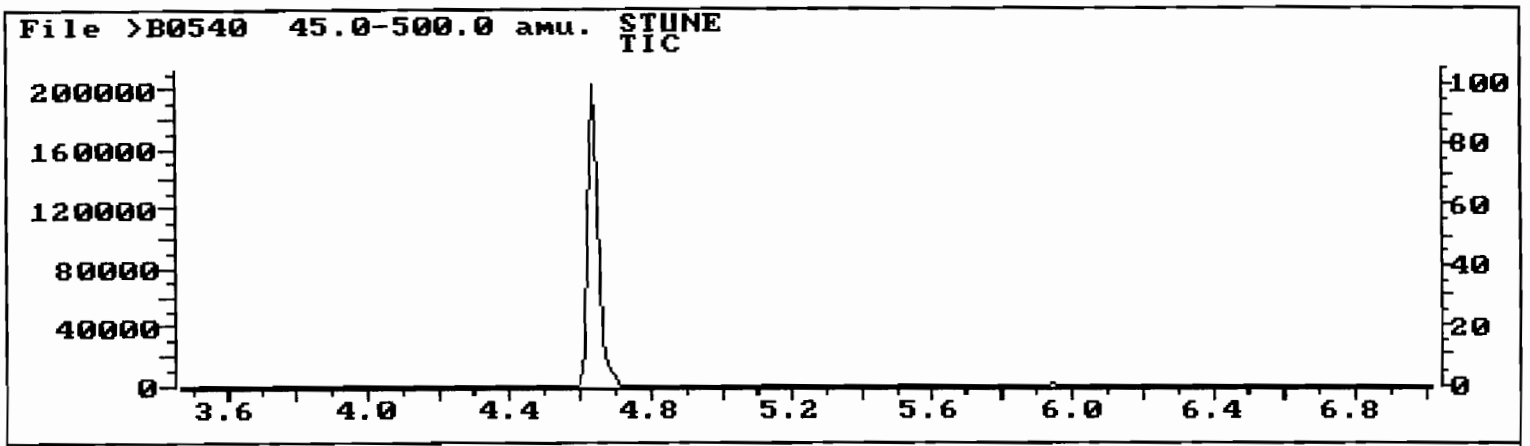
	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050	>B0676	08/08/05	11:43
02		SBLK86	>B0677	08/08/05	12:26
03		0507480	>B0678	08/08/05	13:09
04		0507479	>B0679	08/08/05	13:52
05		0507459	>B0680	08/08/05	14:35
06		0507465	>B0681	08/08/05	15:17
07		SBLK88MS	>B0682	08/08/05	16:00
08		SBLK88MSD	>B0683	08/08/05	16:43
09		SBLK88	>B0684	08/08/05	17:26
10		0507512	>B0685	08/08/05	18:09
11		0507513	>B0686	08/08/05	18:51
12		0507514	>B0687	08/08/05	19:34
13		0507515	>B0688	08/08/05	20:17
14		0507494MS	>B0689	08/08/05	21:00
15		0507494MSD	>B0690	08/08/05	21:43
16					
17					
18					
19					
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21					
22					

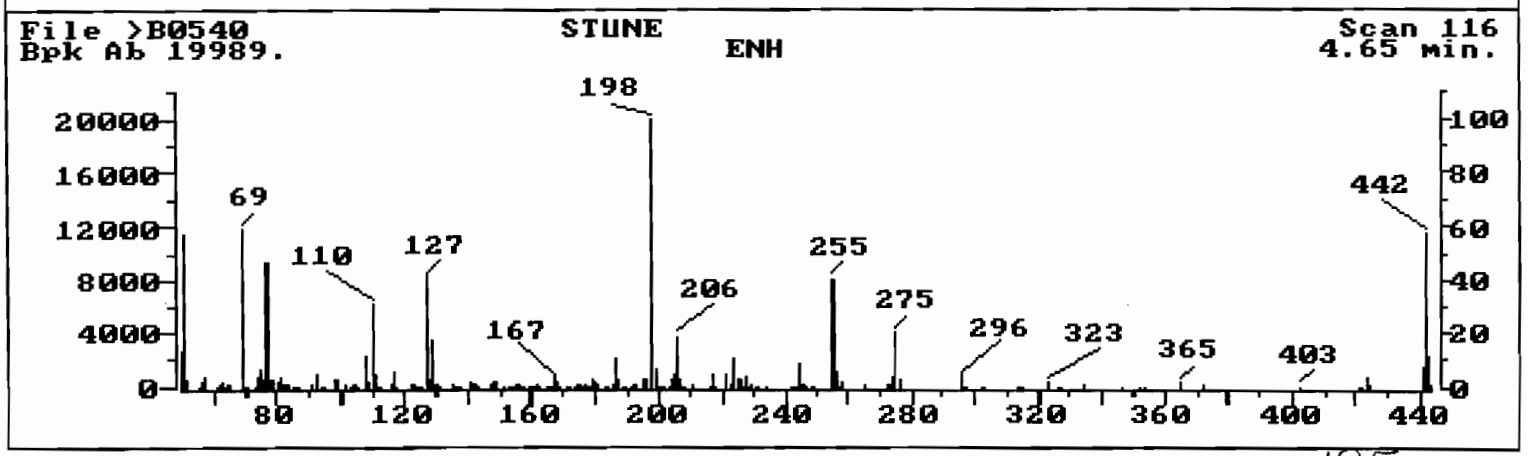
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	57.52	57.52	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	58.89	58.89	Ok
70	Less than 2% of mass 69	.23	.40	Ok
127	40-60% of mass 198	40.99	40.99	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.66	6.66	Ok
275	10-30% of mass 198	20.28	20.28	Ok
365	Greater than 1% of mass 198	1.68	1.68	Ok
441	Less than mass 443	7.90	73.55	Ok
442	Greater than 40% of mass 198	57.19	57.19	Ok
443	17-23% of mass 442	10.74	18.77	Ok

Injection Date: 07/28/05
Injection Time: 13:05
Data File: >B0540
Scan: 116





>B0540 STUNE
116 ENH

File: >B0540 Scan #: 116 Retn. time: 4.65

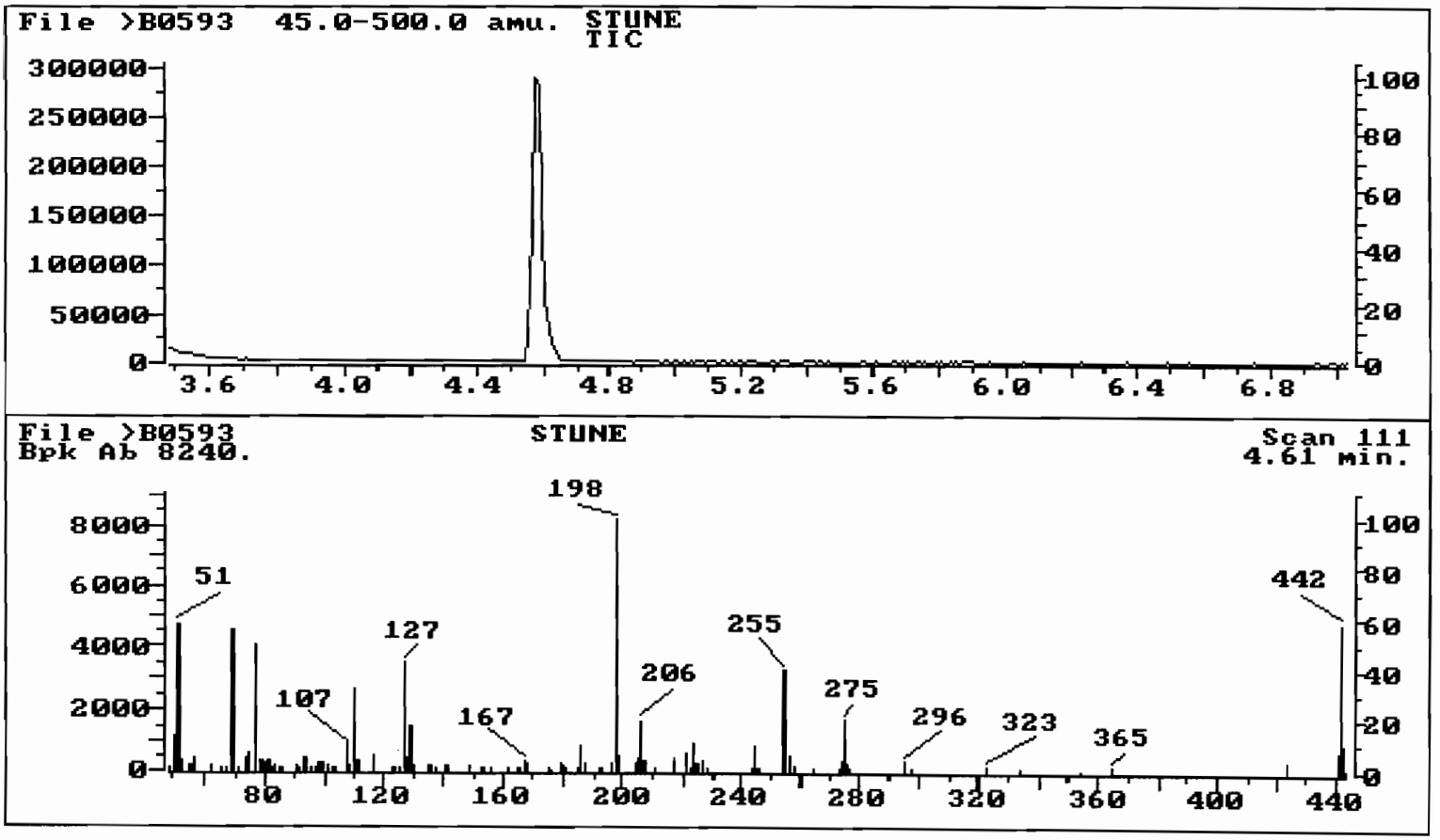
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
50.20	2711.7	99.15	516.3	153.15	70.3	193.10	160.7	249.05	61.7
51.20	11498.7	101.10	288.0	154.15	88.7	196.10	568.0	255.10	7969.0
52.20	603.3	103.10	117.0	155.15	199.7	198.10	19989.4	256.10	1162.7
55.15	63.3	104.10	182.3	156.15	285.3	199.10	1330.7	257.00	84.0
56.15	299.3	105.20	166.0	157.25	30.0	200.10	66.0	258.10	387.3
57.15	717.3	106.10	77.3	158.05	68.0	201.60	79.3	265.10	135.0
61.15	111.3	107.10	2305.3	159.15	19.7	203.10	76.0	273.05	254.3
62.15	135.0	108.10	363.0	160.15	104.3	204.20	485.3	274.15	713.0
63.15	349.0	110.10	6183.0	161.05	187.0	205.20	827.3	275.15	4053.3
64.15	23.0	111.10	806.7	162.10	19.0	206.20	3737.0	276.15	527.7
65.25	191.0	112.10	38.7	165.10	107.7	207.20	497.3	277.05	260.0
69.15	11771.7	116.15	132.3	166.10	90.7	208.15	94.3	296.10	858.7
70.00	46.7	117.05	1252.0	167.10	646.0	211.05	149.0	297.10	106.0
73.20	58.7	118.05	112.7	168.10	324.7	216.15	67.3	303.05	101.3
74.20	740.3	122.05	135.7	169.00	25.0	217.05	934.3	314.05	13.7
75.20	1390.3	123.15	232.3	172.10	46.3	218.15	104.7	315.05	77.7
76.20	470.0	124.15	103.3	173.10	37.3	221.15	1028.7	323.10	335.7
77.20	9228.3	125.15	77.3	174.20	171.7	223.15	176.3	327.00	17.7
78.20	584.7	127.15	8193.3	175.20	244.3	224.10	2020.7	334.15	185.0
79.10	571.3	128.15	624.3	176.20	96.3	225.10	535.3	346.00	22.3
80.20	455.3	129.15	3454.3	177.10	155.7	226.30	44.3	352.10	82.0
81.10	659.3	130.15	280.7	178.15	50.3	227.10	742.3	354.10	96.7
82.10	166.3	131.05	22.7	179.05	521.0	228.10	89.3	365.05	336.7
83.20	150.7	135.10	284.3	180.15	352.3	229.10	148.0	372.15	130.3
85.20	94.7	136.10	106.3	181.05	178.7	231.20	63.0	403.05	79.3
86.15	120.3	137.10	114.7	184.15	22.7	234.10	36.7	421.10	71.0
87.15	28.3	141.10	380.3	185.15	251.7	242.05	94.3	423.05	654.3
91.15	142.3	142.10	144.3	186.15	2092.3	243.15	99.7	424.15	132.7
92.25	110.7	143.10	68.3	187.15	604.7	244.15	1759.3	441.10	1578.3
93.15	812.7	147.05	196.7	189.15	94.3	245.15	187.0	442.10	11431.4
94.15	24.7	148.05	335.3	191.15	25.0	246.05	258.7	443.10	2146.0
98.15	585.3	151.15	49.0	192.15	163.3	247.05	45.3	444.10	177.7

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	57.38	57.38	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	55.55	55.55	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	42.85	42.85	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.48	6.48	Ok
275	10-30% of mass 198	20.34	20.34	Ok
365	Greater than 1% of mass 198	1.63	1.63	Ok
441	Less than mass 443	7.79	77.63	Ok
442	Greater than 40% of mass 198	58.33	58.33	Ok
443	17-23% of mass 442	10.04	17.21	Ok

Injection Date: 08/02/05
Injection Time: 10:02
Data File: >B0593
Scan: 111



>B0593 STUNE
111

File: >B0593 Scan #: 111 Retn. time: 4.61

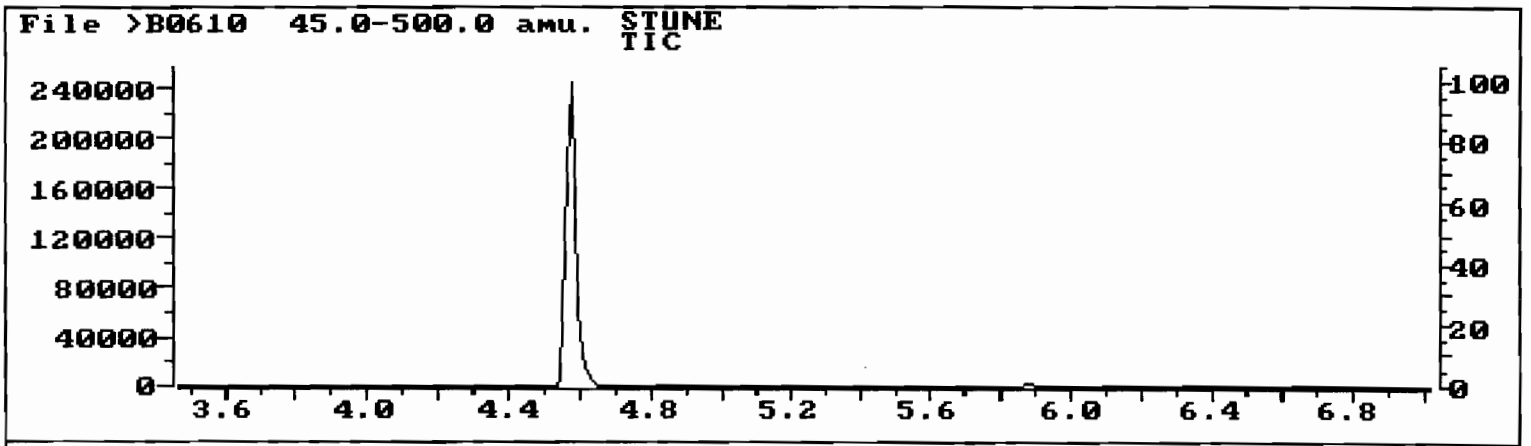
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
49.00	76.00	85.20	74.00	129.05	1443.00	193.00	80.00	255.00	3268.00
50.20	1147.00	85.85	63.00	130.05	129.00	196.00	256.00	256.00	493.00
51.20	4728.00	91.05	126.00	135.10	149.00	198.00	8240.00	258.00	169.00
52.10	279.00	92.05	63.00	137.10	74.00	199.00	534.00	265.00	64.00
55.15	151.00	93.05	330.00	141.00	152.00	204.00	200.00	272.95	112.00
56.15	165.00	95.15	87.00	147.95	137.00	205.00	401.00	273.95	300.00
57.15	445.00	97.15	103.00	153.05	73.00	206.00	1625.00	274.95	1676.00
63.15	149.00	98.15	222.00	156.15	120.00	207.10	269.00	275.95	249.00
65.15	78.00	99.15	210.00	161.15	72.00	210.95	80.00	276.95	103.00
67.15	66.00	101.10	123.00	165.00	78.00	216.95	391.00	296.00	306.00
69.05	4577.00	103.10	55.00	167.10	297.00	221.05	573.00	297.00	72.00
71.20	88.00	104.10	70.00	168.00	209.00	222.95	106.00	323.00	141.00
74.10	331.00	107.10	842.00	175.20	102.00	224.00	832.00	334.05	90.00
75.10	597.00	108.00	167.00	176.10	49.00	225.00	192.00	353.90	46.00
77.10	4080.00	110.10	2674.00	179.05	198.00	227.00	265.00	364.85	134.00
78.20	284.00	111.10	329.00	179.95	147.00	228.90	81.00	422.85	278.00
79.10	294.00	116.95	479.00	180.95	67.00	243.05	59.00	440.90	642.00
80.10	216.00	123.05	108.00	185.05	115.00	243.95	781.00	441.90	4806.00
81.10	325.00	125.15	77.00	186.05	756.00	244.95	101.00	442.90	827.00
82.20	108.00	127.05	3531.00	187.05	257.00	245.85	119.00	443.90	96.00
83.20	175.00	128.15	333.00	192.05	76.00				

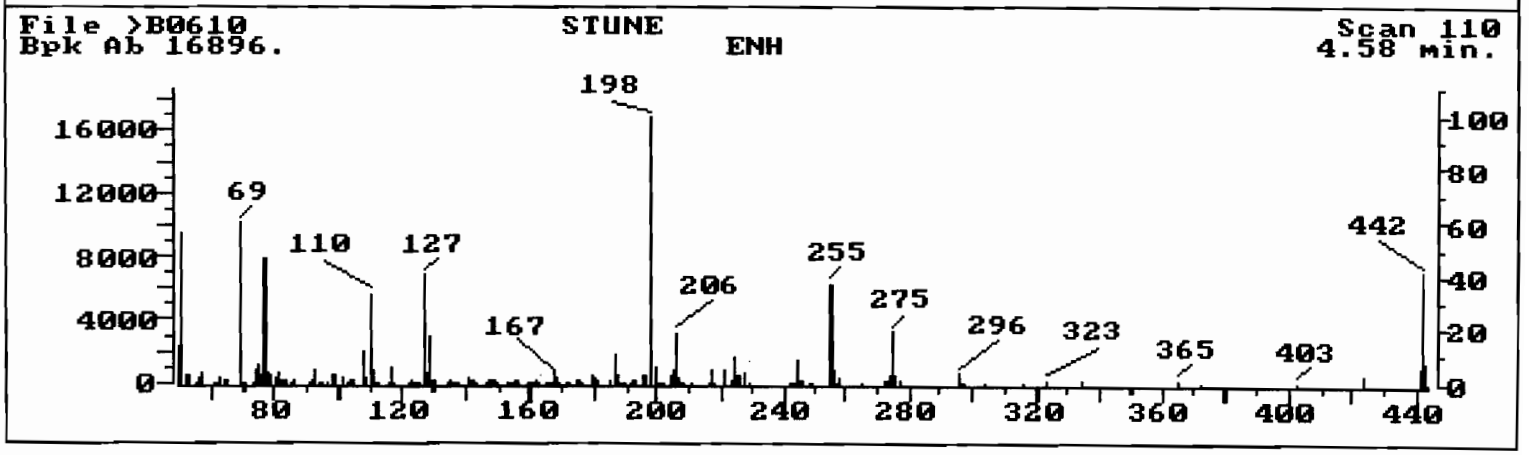
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	56.59	56.59	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	59.50	59.50	Ok
70	Less than 2% of mass 69	.08	.14	Ok
127	40-60% of mass 198	40.11	40.11	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.48	6.48	Ok
275	10-30% of mass 198	19.36	19.36	Ok
365	Greater than 1% of mass 198	1.15	1.15	Ok
441	Less than mass 443	5.70	71.23	Ok
442	Greater than 40% of mass 198	41.68	41.68	Ok
443	17-23% of mass 442	8.00	19.19	Ok

Injection Date: 08/02/05
Injection Time: 21:28
Data File: >B0610
Scan: 110





>B0610 STUNE
110 ENH

File: >B0610 Scan #: 110 Retn. time: 4.58

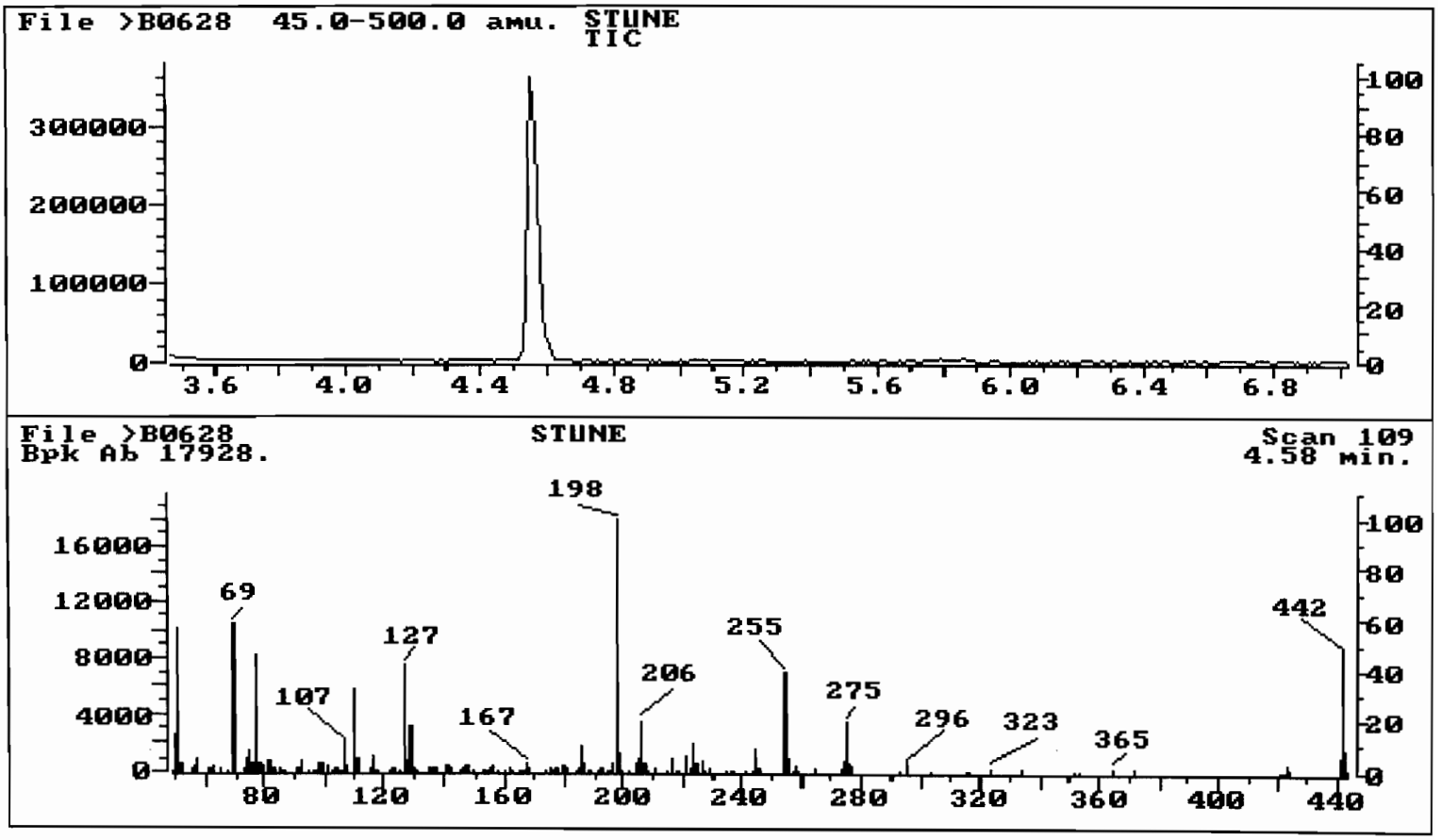
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
50.20	2291.0	94.15	16.5	142.10	114.8	188.15	41.0	244.15	1390.8
51.20	9560.5	96.05	13.3	143.00	69.0	189.15	83.5	245.25	159.5
52.30	470.8	98.15	483.8	146.20	40.8	191.15	42.8	246.15	203.5
55.15	24.0	99.15	446.3	147.15	155.5	192.15	126.5	249.15	38.0
56.15	268.8	101.10	265.8	148.15	244.5	193.20	127.3	255.10	6302.3
57.15	621.8	103.20	92.0	149.05	60.8	196.10	431.3	256.10	906.3
61.25	90.3	104.20	149.3	153.15	103.3	198.10	16895.8	257.10	53.8
62.25	79.5	105.20	160.0	154.15	63.8	199.10	1094.5	258.10	322.3
63.25	309.8	107.20	1993.8	155.15	155.0	200.20	69.3	265.20	98.8
65.25	140.8	108.20	306.0	156.15	240.0	201.70	57.8	273.15	204.5
69.15	10052.8	110.20	5592.3	159.15	15.8	204.20	398.0	274.15	523.8
70.00	14.0	111.20	724.8	160.25	77.0	205.20	703.5	275.15	3270.5
73.00	41.8	112.20	65.8	161.25	136.5	206.20	3159.0	276.15	416.3
73.20	12.5	116.15	95.8	162.10	35.5	207.30	383.8	277.15	215.5
74.20	692.0	117.15	1059.0	165.10	80.8	208.15	75.8	296.20	621.8
75.10	1227.3	118.15	71.3	166.20	82.0	210.85	97.0	297.20	74.0
76.20	410.3	122.05	95.0	167.20	557.8	211.15	37.3	303.15	78.0
77.20	7811.3	123.15	184.0	168.10	253.0	216.25	46.0	315.25	53.0
78.20	534.3	124.15	76.5	169.10	18.0	217.15	779.8	323.20	194.5
79.20	498.3	125.15	84.5	172.10	13.5	218.15	74.8	334.15	130.8
80.20	389.5	127.15	6777.3	174.20	112.8	221.15	873.3	365.15	195.0
81.20	574.3	128.15	536.8	175.20	179.5	223.25	165.8	372.25	94.8
82.10	125.5	129.15	2944.8	176.20	60.3	224.20	1609.8	403.15	55.3
83.20	130.8	130.15	191.5	179.15	426.0	225.20	410.0	423.25	436.8
85.20	91.8	134.10	58.5	180.15	276.5	227.20	574.5	441.20	962.3
86.15	115.5	135.20	205.5	181.15	135.3	229.20	107.3	442.20	7041.8
91.25	82.8	136.20	70.3	185.15	168.5	242.15	68.5	443.20	1351.0
92.15	120.0	137.20	82.8	186.15	1680.3	243.25	78.5	444.20	96.5
93.15	718.8	141.20	302.3	187.25	472.8				

GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	56.19	56.19	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	57.85	57.85	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	41.62	41.62	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.80	6.80	Ok
275	10-30% of mass 198	19.16	19.16	Ok
365	Greater than 1% of mass 198	1.36	1.36	Ok
441	Less than mass 443	6.40	72.41	Ok
442	Greater than 40% of mass 198	48.05	48.05	Ok
443	17-23% of mass 442	8.84	18.39	Ok

Injection Date: 08/03/05
Injection Time: 12:06
Data File: >B0628
Scan: 109



>B0628 STUNE
109

File: >B0628 Scan #: 109 Retn. time: 4.58

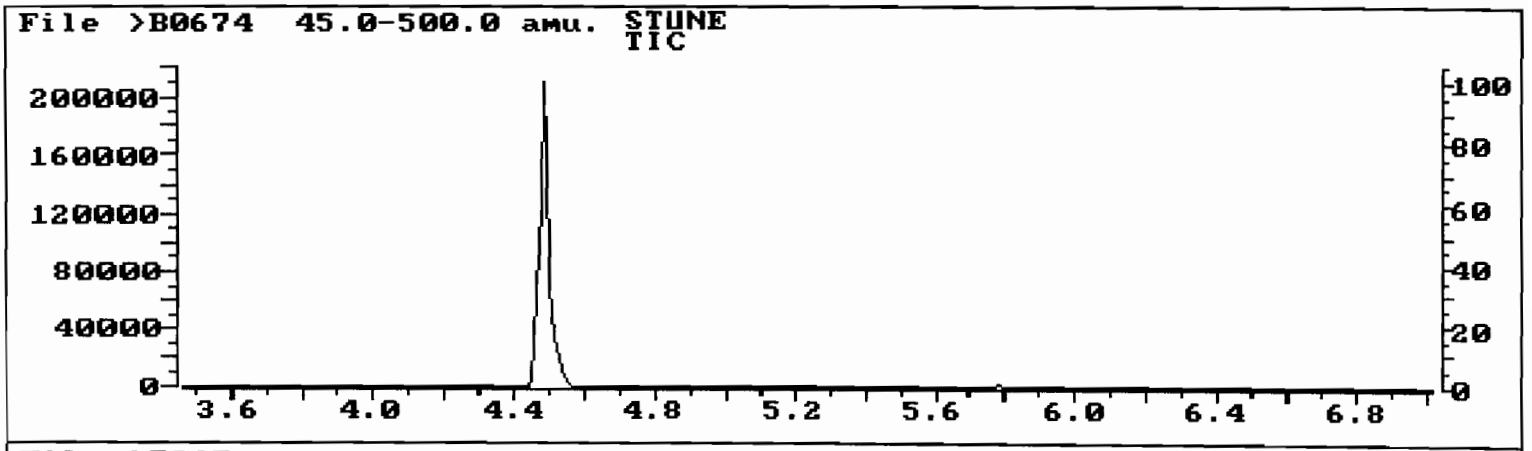
m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
49.20	90.0	96.05	76.0	148.05	293.0	196.10	421.0	256.00	953.0
50.20	2547.0	97.35	99.0	149.05	87.0	198.00	17928.1	257.00	91.0
51.20	10073.0	98.15	503.0	153.05	107.0	199.00	1220.0	258.00	308.0
52.20	549.0	99.05	530.0	154.05	95.0	200.10	69.0	259.00	59.0
55.15	217.0	101.00	331.0	155.15	207.0	201.70	108.0	265.10	131.0
56.05	282.0	103.00	79.0	156.05	265.0	204.10	445.0	273.05	222.0
57.15	788.0	104.10	202.0	157.75	43.0	205.10	780.0	274.05	613.0
61.15	119.0	105.10	155.0	159.95	86.0	206.10	3533.0	274.95	3435.0
62.05	124.0	106.00	76.0	161.15	166.0	207.10	521.0	275.95	467.0
63.15	374.0	107.10	1930.0	162.10	64.0	208.05	91.0	276.95	266.0
65.25	213.0	108.00	294.0	165.00	110.0	211.05	136.0	293.00	62.0
67.15	111.0	110.10	5792.0	166.10	113.0	214.95	50.0	296.00	639.0
69.15	10371.0	111.10	782.0	167.00	545.0	216.05	96.0	302.95	94.0
73.10	120.0	116.15	133.0	168.00	250.0	216.95	818.0	315.05	73.0
74.10	741.0	117.05	1111.0	174.10	102.0	218.05	97.0	316.00	45.0
75.10	1360.0	118.15	86.0	175.20	215.0	221.05	1061.0	323.10	239.0
76.20	427.0	122.15	113.0	176.20	109.0	223.05	236.0	333.95	149.0
77.20	8239.0	123.15	226.0	177.10	133.0	224.00	1773.0	351.90	66.0
78.20	539.0	125.05	106.0	178.95	396.0	225.00	468.0	352.90	65.0
79.10	560.0	127.15	7462.0	180.05	340.0	227.00	637.0	364.95	243.0
80.00	375.0	128.15	605.0	181.05	178.0	228.10	83.0	371.95	146.0
81.10	612.0	129.15	2982.0	184.05	40.0	229.10	168.0	421.00	64.0
82.10	181.0	130.05	232.0	185.15	213.0	235.10	65.0	421.90	53.0
83.10	181.0	131.15	66.0	186.05	1743.0	237.10	52.0	422.10	54.0
85.20	153.0	135.10	254.0	187.05	473.0	241.95	90.0	422.95	461.0
86.05	102.0	136.00	117.0	188.95	85.0	243.05	99.0	423.95	116.0
87.05	76.0	137.00	138.0	190.95	73.0	244.05	1497.0	440.90	1147.0
91.05	117.0	141.10	325.0	191.95	150.0	245.05	215.0	442.00	8615.0
92.05	138.0	142.10	133.0	193.10	153.0	245.95	212.0	443.00	1584.0
93.15	705.0	146.20	78.0	195.10	43.0	255.00	6897.0	443.90	174.0
94.15	78.0	147.05	177.0						

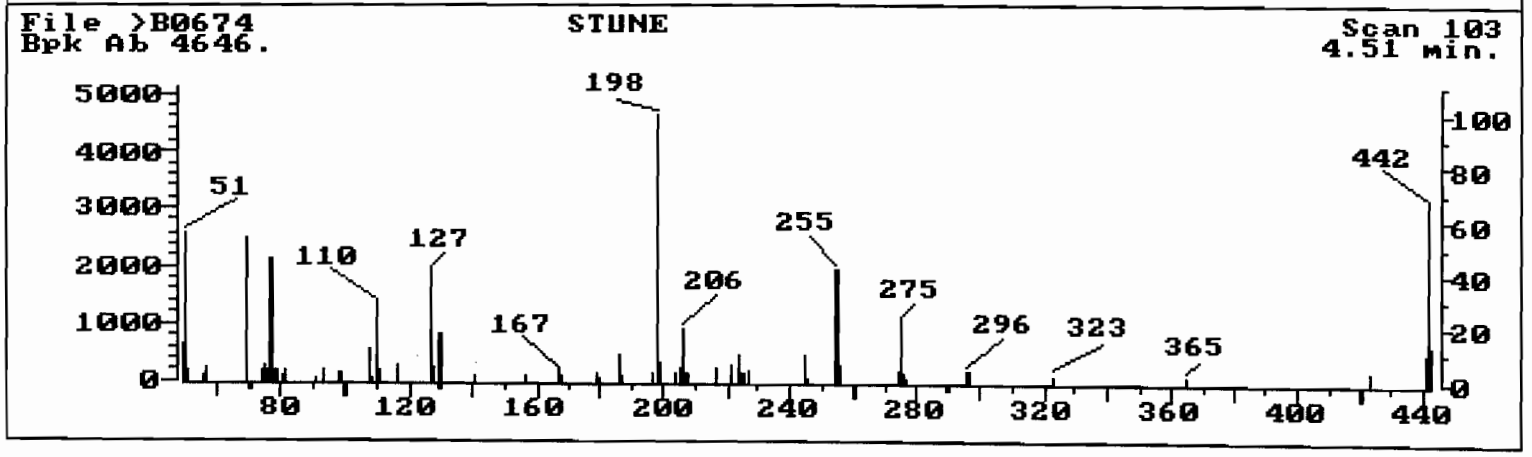
GC/MS PERFORMANCE STANDARD

Decafluorotriphenylphospine (DFTPP)

m/z	Ion Abundance Criteria	% Relative Abundance Base Peak	% Relative Abundance Appropriate Peak	Status
51	30-60% of mass 198	54.80	54.80	Ok
68	Less than 2% of mass 69	0.00	0.00	Ok
69	(reference only)	53.34	53.34	Ok
70	Less than 2% of mass 69	0.00	0.00	Ok
127	40-60% of mass 198	40.94	40.94	Ok
197	Less than 1% of mass 198	0.00	0.00	Ok
198	Base peak, 100% relative abundance	100.00	100.00	Ok
199	5-9% of mass 198	6.61	6.61	Ok
275	10-30% of mass 198	22.49	22.49	Ok
365	Greater than 1% of mass 198	1.66	1.66	Ok
441	Less than mass 443	10.50	76.25	Ok
442	Greater than 40% of mass 198	67.03	67.03	Ok
443	17-23% of mass 442	13.78	20.55	Ok

Injection Date: 08/08/05
Injection Time: 10:35
Data File: >B0674
Scan: 103





>B0674 STUNE
103

File: >B0674 Scan #: 103 Retn. time: 4.51

m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.	m/z	Int.
50.20	625.00	81.10	170.00	130.05	78.00	204.00	111.00	256.00	282.00
51.20	2546.00	90.95	49.00	141.10	92.00	205.20	198.00	273.95	181.00
52.20	154.00	93.05	166.00	156.05	69.00	206.10	899.00	275.05	1045.00
56.15	99.00	98.15	132.00	167.10	158.00	207.10	132.00	275.95	136.00
57.05	206.00	99.15	113.00	167.90	99.00	216.95	225.00	277.05	56.00
69.05	2478.00	107.10	507.00	179.05	119.00	221.05	277.00	296.00	179.00
74.10	181.00	108.10	66.00	180.05	59.00	224.00	445.00	323.00	93.00
75.10	300.00	110.10	1324.00	186.05	448.00	225.00	118.00	364.95	77.00
76.10	156.00	111.10	169.00	187.05	107.00	227.00	167.00	422.95	177.00
77.10	2108.00	117.05	281.00	196.10	133.00	244.05	433.00	441.00	488.00
78.00	151.00	127.15	1902.00	198.00	4646.00	245.05	61.00	441.90	3114.00
79.00	165.00	128.15	190.00	199.00	307.00	255.00	1930.00	442.90	640.00
80.10	100.00	129.15	796.00						

Initial Calibration Data
HSL Compounds

Case No: Instrument ID:

Contractor: Accredited Labs Calibration Date: 07/28/05

Contract No: CALB40

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>B0544	>B0541	>B0545	>B0546	>B0543					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Pyridine	1.27792	1.46833	1.32969	1.24810	1.40917	.284	1.34664	6.789		
N-Nitrosodimethylamine	1.38971	1.30133	1.31695	1.40801	1.41769	.292	1.36674	3.938		
2-Fluorophenol	1.33066	1.49742	1.56834	1.63052	1.48340	.669	1.50207	7.491		
Aniline	2.96783	2.91470	2.84900	2.86062	3.09711	.932	2.93785	3.432		
Phenol-d5	2.23825	2.07248	1.90279	2.05435	1.82708	.966	2.01899	7.929		
Phenol	2.59834	2.54788	2.36174	2.21804	2.07732	.969	2.36066	9.285	*	
bis(-2-Chloroethyl)Ether	2.21794	2.02637	1.91848	1.72141	1.53529	.958	1.88390	14.069		
2-Chlorophenol	1.67079	1.68759	1.51344	1.44771	1.25679	.962	1.51527	11.679		
1,3-Dichlorobenzene	1.64468	1.65785	1.51739	1.43048	1.38596	.988	1.52727	8.037		
1,4-Dichlorobenzene	1.72557	1.67058	1.54486	1.41182	1.32219	1.005	1.53500	11.059	*	
Benzyl Alcohol	1.27997	1.24161	1.24123	1.26835	1.32783	1.078	1.27180	2.798		
1,2-Dichlorobenzene	1.72557	1.67058	1.54486	1.41182	1.32219	1.005	1.53500	11.059		
2-Methylphenol	1.87013	1.79552	1.57764	1.63371	1.59269	1.129	1.69394	7.740		
bis(2-Chloroisopropyl)ether	6.17561	5.75314	5.45588	5.60319	5.19937	1.112	5.63744	6.451		
3&4-Methylphenol	2.09096	1.89260	1.75227	1.69462	1.47774	1.177	1.78164	12.823		
N-Nitroso-Di-n-propylamine	2.27323	1.94316	1.92188	2.13585	1.93973	1.163	2.04277	7.620		**
Hexachloroethane	.76525	.70414	.66562	.65504	.59552	1.139	.67711	9.275		
Nitrobenzene-d5	.51494	.46907	.44269	.40330	.36143	.862	.43829	13.485		
Nitrobenzene	.59981	.48153	.43316	.37381	.57565	.866	.49279	19.293		
Isophorone	1.11231	1.08157	1.08294	1.01891	1.10546	.925	1.08024	3.412		
2-Nitrophenol	.25142	.25424	.22375	.22504	.23650	.932	.23819	5.999	*	
2,4-Dimethylphenol	.38348	.34377	.33687	.30882	.32495	.964	.33958	8.215		
Benzoic Acid	.08384	.13649	.19777	.19926	.23030	1.031	.16953	34.656		
bis(-2-Chloroethoxy)Methane	.68167	.60376	.57661	.52314	.56537	.975	.59011	9.971		
2,4-Dichlorophenol	.34573	.32811	.29373	.26967	.18060	.989	.28357	22.818	*	
1,2,4-Trichlorobenzene	.35528	.33345	.31703	.29350	.24033	.994	.30792	14.298		
Naphthalene	1.21149	1.09571	1.02933	.85255	.78573	1.005	.99496	17.572		
4-Chloroaniline	.57248	.50967	.51009	.45485	.46957	1.035	.50333	9.082		
Hexachlorobutadiene	.19334	.17531	.16836	.14695	.12859	1.046	.16251	15.510	*	
4-Chloro-3-methylphenol	.51463	.44157	.40382	.36520	.36059	1.154	.41716	15.243	*	

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID:

Contractor: Accredited Labs Calibration Date: 07/28/05

Contract No: CALB40

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>B0544	>B0541	>B0545	>B0546	>B0543					
Compound	RF 20.00	RF 50.00	RF 80.00	RF 120.00	RF 160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
2-Methylnaphthalene	1.19323	1.00094	.90527	.77289	.75113	1.152	.92469	19.606		
Hexachlorocyclopentadiene	.12943	.20943	.21971	.22015	.21405	.872	.19855	19.589		**
2,4,6-Trichlorophenol	.45033	.45060	.39330	.35741	.29789	.896	.38991	16.655	*	
2,4,5-Trichlorophenol	.45033	.46972	.38799	.33726	.21498	.902	.37205	27.477		
2-Chloronaphthalene	1.31606	1.27507	1.09401	1.03324	.85399	.912	1.11447	16.864		
2-Fluorobiphenyl	1.40021	1.33506	1.11284	.95611	.79473	.904	1.11979	22.657		
2-Nitroaniline	.73932	.76269	.72945	.68818	.62298	.944	.70852	7.747		
Dimethyl Phthalate	1.79867	1.78008	1.63320	1.54782	1.29344	.984	1.61064	12.767		
Acenaphthylene	2.27242	2.20113	1.99120	1.72728	1.42132	.976	1.92267	18.280		
3-Nitroaniline	.54547	.54269	.57002	.49530	.47227	1.013	.52515	7.629		
Acenaphthene	1.44229	1.34890	1.25368	1.08687	.78608	1.006	1.18356	21.810	*	
2,4-Dinitrophenol	.15574	.25246	.26028	.22855	.21643	1.030	.22269	18.589		**
4-Nitrophenol	.19292	.25751	.21115	.17859	.20641	1.056	.20932	14.228		**
Dibenzofuran	2.04961	1.89882	1.74493	1.40199	1.25145	1.031	1.66936	20.072		
2,6-Dinitrotoluene	.46163	.48676	.46889	.43141	.34942	.991	.43962	12.337		
2,4-Dinitrotoluene	.63156	.66895	.60864	.57745	.36786	1.052	.57089	20.723		
Diethylphthalate	1.90235	1.79388	1.77944	1.42632	1.32218	1.092	1.64483	15.455		
4-Chlorophenyl-phenylether	.74567	.69619	.62701	.58878	.38070	1.089	.60767	23.146		
Fluorene	1.66233	1.59937	1.42484	1.26270	.99460	1.084	1.38877	19.447		
4-Nitroaniline	.58622	.58786	.47248	.36085	.29863	1.112	.46121	28.333		
2,4,6-Tribromophenol	.27638	.29466	.26067	.23585	.20867	1.127	.25525	13.248		
Carbazole	1.31485	1.17419	1.08269	1.03561	1.06601	1.036	1.13467	9.976		
4,6-Dinitro-2-methylphenol	.15490	.15471	.17305	.15713	.11409	.909	.15078	14.510		
N-Nitrosodiphenylamine	.73053	.61480	.46812	.40288	.35919	.908	.51510	29.991	*	
Azobenzene	1.44818	1.13724	.98811	.90585	.88941	.907	1.07376	21.528		
4-Bromophenyl-phenylether	.26352	.23639	.21111	.20223	.20176	.948	.22300	11.959		
Hexachlorobenzene	.30937	.28685	.25785	.22866	.23583	.963	.26371	12.943		
Pentachlorophenol	.11781	.15026	.15038	.14638	.17241	.992	.14745	13.218	*	
Phenanthrene	1.33781	1.21013	1.06717	1.01067	1.04239	1.004	1.13363	12.111		
Anthracene	1.34799	1.18816	1.09266	1.06009	.94376	1.009	1.12653	13.448		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Initial Calibration Data
HSL Compounds

Case No: Instrument ID:

Contractor: Accredited Labs Calibration Date: 07/28/05

Contract No: CALB40

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % RSD for CCC is 30%

Laboratory ID:	>B0544	>B0541	>B0545	>B0546	>B0543					
	RF	RF	RF	RF	RF					
Compound	20.00	50.00	80.00	120.00	160.00	$\overline{RRT}$	$\overline{RF}$	% RSD	CCC	SPCC
Di-n-Butylphthalate	2.09482	1.79417	1.69004	1.40017	1.48521	1.093	1.69288	16.194		
Fluoranthene	1.43202	1.27172	1.12377	1.07503	1.03904	1.153	1.18832	13.675	*	
Benzidine	.97275	.88792	.84305	.77048	.69414	.882	.83367	12.840		
Pyrene	1.56864	1.49305	1.27744	1.24042	1.12568	.883	1.34105	13.722		
Terphenyl-d14	1.06973	1.03056	.87255	.88091	.89197	.903	.94915	9.850		
Butylbenzylphthalate	1.03536	1.00993	.92977	.90483	.83890	.957	.94376	8.456		
3,3'-Dichlorobenzidine	.58704	.56117	.51292	.41588	.34781	1.003	.48496	20.772		
Benzo(a)Anthracene	1.56003	1.53277	1.42286	1.40804	1.39680	.998	1.46410	5.212		
Bis(2-Ethylhexyl)Phthalate	1.50090	1.35182	1.20396	1.16246	1.10028	1.015	1.26388	12.792		
Chrysene	1.40662	1.29014	1.15332	.64221	.52500	1.003	1.00346	39.443		
Di-n-octyl phthalate	2.38383	2.10758	2.05614	1.80733	1.70335	.950	2.01165	13.304	*	
Benzo(b)fluoranthene	1.72791	1.60417	1.58924	1.43976	1.28747	.974	1.52971	11.091		
Benzo(k)Fluoranthene	1.17433	1.10983	.81004	.74315	.91204	.976	.94988	19.673		
Benzo(a)Pyrene	1.43710	1.34141	1.20922	1.16305	1.12659	.996	1.25547	10.360	*	
Indeno(1,2,3-cd)Pyrene	1.59265	1.52891	1.32125	1.05829	1.10744	1.075	1.32171	18.207		
Dibenzo(a,h)Anthracene	1.29243	1.22574	1.05843	.97496	.94370	1.073	1.09905	13.995		
Benzo(g,h,i)Perylene	1.37153	1.33239	1.17250	1.05829	1.05418	1.088	1.19778	12.455		

RF - Response Factor (Subscript is amount in ug/l)

$\overline{RRT}$ - Average Relative Retention Time (RT Std/RT Istd)

$\overline{RF}$ - Average Response Factor

%RSD - Percent Relative Standard Deviation

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 12:48

Contract No: CALB40 Laboratory ID: >B0597

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
Pyridine	1.34664	1.97592	46.73		
N-Nitrosodimethylamine	1.36674	1.21914	10.80		
2-Fluorophenol	1.50207	1.42963	4.82		
Aniline	2.93785	2.85834	2.71		
Phenol-d5	2.01899	1.89715	6.03		
Phenol	2.36066	2.34632	.61	*	
bis(-2-Chloroethyl)Ether	1.88390	1.98663	5.45		
2-Chlorophenol	1.51527	1.61952	6.88		
1,3-Dichlorobenzene	1.52727	1.57543	3.15		
1,4-Dichlorobenzene	1.53500	1.59681	4.03	*	
Benzyl Alcohol	1.27180	1.32011	3.80		
1,2-Dichlorobenzene	1.53500	1.59681	4.03		
2-Methylphenol	1.69394	1.51433	10.60		
bis(2-Chloroisopropyl)ether	5.63744	5.22424	7.33		
3&4-Methylphenol	1.78164	1.86505	4.68		
N-Nitroso-Di-n-propylamine	2.04277	2.02207	1.01		**
Hexachloroethane	.67711	.67904	.28		
Nitrobenzene-d5	.43829	.45520	3.86		
Nitrobenzene	.49279	.47227	4.16		
Isophorone	1.08024	1.10019	1.85		
2-Nitrophenol	.23819	.25236	5.95	*	
2,4-Dimethylphenol	.33958	.36312	6.93		
Benzoic Acid	.16953	.17107	.91		
bis(-2-Chloroethoxy)Methane	.59011	.61333	3.93		
2,4-Dichlorophenol	.28357	.33911	19.59	*	
1,2,4-Trichlorobenzene	.30792	.35449	15.13		
Naphthalene	.99496	1.11139	11.70		
4-Chloroaniline	.50333	.54869	9.01		
Hexachlorobutadiene	.16251	.19398	19.37	*	
4-Chloro-3-methylphenol	.41716	.45891	10.01	*	
2-Methylnaphthalene	.92469	1.04780	13.31		
Hexachlorocyclopentadiene	.19855	.25152	26.68		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 12:48

Contract No: CALB40 Laboratory ID: >B0597

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.38991	.45405	16.45	*	
2,4,5-Trichlorophenol	.37205	.46373	24.64		
2-Chloronaphthalene	1.11447	1.21336	8.87		
2-Fluorobiphenyl	1.11979	1.25407	11.99		
2-Nitroaniline	.70852	.74363	4.95		
Dimethyl Phthalate	1.61064	1.85279	15.03		
Acenaphthylene	1.92267	2.21159	15.03		
3-Nitroaniline	.52515	.57166	8.86		
Acenaphthene	1.18356	1.39497	17.86	*	
2,4-Dinitrophenol	.22269	.31943	43.44		**
4-Nitrophenol	.20932	.27252	30.19		**
Dibenzofuran	1.66936	1.98502	18.91		
2,6-Dinitrotoluene	.43962	.51286	16.66		
2,4-Dinitrotoluene	.57089	.70589	23.65		
Diethylphthalate	1.64483	1.99967	21.57		
4-Chlorophenyl-phenylether	.60767	.76287	25.54		
Fluorene	1.38877	1.69210	21.84		
4-Nitroaniline	.46121	.56201	21.86		
2,4,6-Tribromophenol	.25525	.31800	24.59		
Carbazole	1.13467	1.21664	7.22		
4,6-Dinitro-2-methylphenol	.15078	.19393	28.62		
N-Nitrosodiphenylamine	.51510	.55175	7.11	*	
Azobenzene	1.07376	1.01747	5.24		
4-Bromophenyl-phenylether	.22300	.25897	16.13		
Hexachlorobenzene	.26371	.30279	14.82		
Pentachlorophenol	.14745	.17288	17.25	*	
Phenanthrene	1.13363	1.13700	.30		
Anthracene	1.12653	1.23651	9.76		
Di-n-Butylphthalate	1.69288	1.72076	1.65		
Fluoranthene	1.18832	1.26706	6.63	*	
Benzidine	.83367	.93957	12.70		
Pyrene	1.34105	1.42471	6.24		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 12:48

Contract No: CALB40 Laboratory ID: >B0597

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
Terphenyl-d14	.94915	1.03782	9.34		
Butylbenzylphthalate	.94376	.99395	5.32		
3,3'-Dichlorobenzidine	.48496	.53911	11.16		
Benzo(a)Anthracene	1.46410	1.54795	5.73		
Bis(2-Ethylhexyl)Phthalate	1.26388	1.26103	.23		
Chrysene	1.00346	1.28697	28.25		
Di-n-octyl phthalate	2.01165	2.07515	3.16	*	
Benzo(b)fluoranthene	1.52971	2.63285	72.11		
Benzo(k)Fluoranthene	.94988	2.63285	177.18		
Benzo(a)Pyrene	1.25547	1.35095	7.60	*	
Indeno(1,2,3-cd)Pyrene	1.32171	1.48603	12.43		
Dibenzo(a,h)Anthracene	1.09905	1.13174	2.97		
Benzo(g,h,i)Perylene	1.19778	1.35686	13.28		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

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Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 21:44

Contract No: CALB40 Laboratory ID: >B0611

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Pyridine	1.34664	1.54075	14.41		
N-Nitrosodimethylamine	1.36674	1.20100	12.13		
2-Fluorophenol	1.50207	1.39704	6.99		
Aniline	2.93785	2.80361	4.57		
Phenol-d5	2.01899	2.01675	.11		
Phenol	2.36066	2.46786	4.54	*	
bis(-2-Chloroethyl)Ether	1.88390	1.98893	5.58		
2-Chlorophenol	1.51527	1.62951	7.54		
1,3-Dichlorobenzene	1.52727	1.59754	4.60		
1,4-Dichlorobenzene	1.53500	1.63504	6.52	*	
Benzyl Alcohol	1.27180	1.33157	4.70		
1,2-Dichlorobenzene	1.53500	1.63504	6.52		
2-Methylphenol	1.69394	1.85022	9.23		
bis(2-Chloroisopropyl)ether	5.63744	5.43239	3.64		
3&4-Methylphenol	1.78164	1.95696	9.84		
N-Nitroso-Di-n-propylamine	2.04277	2.12050	3.81		**
Hexachloroethane	.67711	.71308	5.31		
Nitrobenzene-d5	.43829	.43664	.37		
Nitrobenzene	.49279	.49183	.20		
Isophorone	1.08024	1.06183	1.70		
2-Nitrophenol	.23819	.26140	9.75	*	
2,4-Dimethylphenol	.33958	.35856	5.59		
Benzoic Acid	.16953	.19523	15.15		
bis(-2-Chloroethoxy)Methane	.59011	.62296	5.57		
2,4-Dichlorophenol	.28357	.33538	18.27	*	
1,2,4-Trichlorobenzene	.30792	.34410	11.75		
Naphthalene	.99496	1.06459	7.00		
4-Chloroaniline	.50333	.52563	4.43		
Hexachlorobutadiene	.16251	.18822	15.82	*	
4-Chloro-3-methylphenol	.41716	.46217	10.79	*	
2-Methylnaphthalene	.92469	1.05636	14.24		
Hexachlorocyclopentadiene	.19855	.20132	1.39		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 21:44

Contract No: CALB40 Laboratory ID: >B0611

Instrument ID: Initial Calibration Date: 07/28/05

Minimum RF for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.38991	.44548	14.25	*	
2,4,5-Trichlorophenol	.37205	.43863	17.90		
2-Chloronaphthalene	1.11447	1.23545	10.85		
2-Fluorobiphenyl	1.11979	1.18862	6.15		
2-Nitroaniline	.70852	.70924	.10		
Dimethyl Phthalate	1.61064	1.77966	10.49		
Acenaphthylene	1.92267	2.10017	9.23		
3-Nitroaniline	.52515	.57168	8.86		
Acenaphthene	1.18356	1.38797	17.27	*	
2,4-Dinitrophenol	.22269	.25923	16.41		**
4-Nitrophenol	.20932	.24084	15.06		**
Dibenzofuran	1.66936	2.01404	20.65		
2,6-Dinitrotoluene	.43962	.47054	7.03		
2,4-Dinitrotoluene	.57089	.70719	23.88		
Diethylphthalate	1.64483	1.72975	5.16		
4-Chlorophenyl-phenylether	.60767	.75965	25.01		
Fluorene	1.38877	1.60033	15.23		
4-Nitroaniline	.46121	.59783	29.62		
2,4,6-Tribromophenol	.25525	.29617	16.03		
Carbazole	1.13467	1.24343	9.58		
4,6-Dinitro-2-methylphenol	.15078	.16462	9.18		
N-Nitrosodiphenylamine	.51510	.59870	16.23	*	
Azobenzene	1.07376	1.08177	.75		
4-Bromophenyl-phenylether	.22300	.24718	10.84		
Hexachlorobenzene	.26371	.28814	9.26		
Pentachlorophenol	.14745	.15850	7.50	*	
Phenanthrene	1.13363	1.18978	4.95		
Anthracene	1.12653	1.25950	11.80		
Di-n-Butylphthalate	1.69288	1.89819	12.13		
Fluoranthene	1.18832	1.28152	7.84	*	
Benzidine	.83367	.88922	6.66		
Pyrene	1.34105	1.43031	6.66		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/02/05

Contractor: Accredited Labs Time: 21:44

Contract No: CALB40 Laboratory ID: >B0611

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	$\overline{RF}$	RF	%Diff	CCC	SPCC
Terphenyl-d14	.94915	.99970	5.33		
Butylbenzylphthalate	.94376	.99329	5.25		
3,3'-Dichlorobenzidine	.48496	.54053	11.46		
Benzo(a)Anthracene	1.46410	1.47985	1.08		
Bis(2-Ethylhexyl)Phthalate	1.26388	1.29006	2.07		
Chrysene	1.00346	1.25313	24.88		
Di-n-octyl phthalate	2.01165	2.11911	5.34	*	
Benzo(b)fluoranthene	1.52971	1.32803	13.18		
Benzo(k)Fluoranthene	.94988	1.00470	5.77		
Benzo(a)Pyrene	1.25547	1.33130	6.04	*	
Indeno(1,2,3-cd)Pyrene	1.32171	1.46804	11.07		
Dibenzo(a,h)Anthracene	1.09905	1.14676	4.34		
Benzo(g,h,i)Perylene	1.19778	1.31908	10.13		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/03/05

Contractor: Accredited Labs Time: 13:17

Contract No: CALB40 Laboratory ID: >B0630

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
Pyridine	1.34664	1.54020	14.37		
N-Nitrosodimethylamine	1.36674	1.07014	21.70		
2-Fluorophenol	1.50207	1.29042	14.09		
Aniline	2.93785	2.50851	14.61		
Phenol-d5	2.01899	1.95764	3.04		
Phenol	2.36066	2.16154	8.44	*	
bis(-2-Chloroethyl)Ether	1.88390	1.73724	7.78		
2-Chlorophenol	1.51527	1.55472	2.60		
1,3-Dichlorobenzene	1.52727	1.50082	1.73		
1,4-Dichlorobenzene	1.53500	1.53653	.10	*	
Benzyl Alcohol	1.27180	1.11139	12.61		
1,2-Dichlorobenzene	1.53500	1.53653	.10		
2-Methylphenol	1.69394	1.61524	4.65		
bis(2-Chloroisopropyl)ether	5.63744	4.48428	20.46		
3&4-Methylphenol	1.78164	1.66955	6.29		
N-Nitroso-Di-n-propylamine	2.04277	1.62921	20.25		**
Hexachloroethane	.67711	.63030	6.91		
Nitrobenzene-d5	.43829	.39363	10.19		
Nitrobenzene	.49279	.39792	19.25		
Isophorone	1.08024	.93383	13.55		
2-Nitrophenol	.23819	.23769	.21	*	
2,4-Dimethylphenol	.33958	.32166	5.28		
Benzoic Acid	.16953	.01043	93.85		
bis(-2-Chloroethoxy)Methane	.59011	.53478	9.38		
2,4-Dichlorophenol	.28357	.31867	12.38	*	
1,2,4-Trichlorobenzene	.30792	.32169	4.47		
Naphthalene	.99496	.96888	2.62		
4-Chloroaniline	.50333	.49928	.81		
Hexachlorobutadiene	.16251	.17771	9.36	*	
4-Chloro-3-methylphenol	.41716	.43333	3.88	*	
2-Methylnaphthalene	.92469	.99476	7.58		
Hexachlorocyclopentadiene	.19855	.19422	2.18		**

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/03/05

Contractor: Accredited Labs Time: 13:17

Contract No: CALB40 Laboratory ID: >B0630

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
2,4,6-Trichlorophenol	.38991	.43202	10.80	*	
2,4,5-Trichlorophenol	.37205	.45379	21.97		
2-Chloronaphthalene	1.11447	1.19035	6.81		
2-Fluorobiphenyl	1.11979	1.22104	9.04		
2-Nitroaniline	.70852	.61735	12.87		
Dimethyl Phthalate	1.61064	1.63847	1.73		
Acenaphthylene	1.92267	1.98949	3.48		
3-Nitroaniline	.52515	.49556	5.63		
Acenaphthene	1.18356	1.19149	.67	*	
2,4-Dinitrophenol	.22269	.07644	65.67		**
4-Nitrophenol	.20932	.17257	17.55		**
Dibenzofuran	1.66936	1.81289	8.60		
2,6-Dinitrotoluene	.43962	.45963	4.55		
2,4-Dinitrotoluene	.57089	.60525	6.02		
Diethylphthalate	1.64483	1.72554	4.91		
4-Chlorophenyl-phenylether	.60767	.71367	17.44		
Fluorene	1.38877	1.47100	5.92		
4-Nitroaniline	.46121	.54273	17.68		
2,4,6-Tribromophenol	.25525	.30053	17.74		
Carbazole	1.13467	1.12717	.66		
4,6-Dinitro-2-methylphenol	.15078	.09240	38.72		
N-Nitrosodiphenylamine	.51510	.58414	13.40	*	
Azobenzene	1.07376	.96765	9.88		
4-Bromophenyl-phenylether	.22300	.23980	7.53		
Hexachlorobenzene	.26371	.28245	7.11		
Pentachlorophenol	.14745	.08652	41.32	*	
Phenanthrene	1.13363	1.06785	5.80		
Anthracene	1.12653	1.11721	.83		
Di-n-Butylphthalate	1.69288	1.57698	6.85		
Fluoranthene	1.18832	1.22970	3.48	*	
Benzidine	.83367	.73936	11.31		
Pyrene	1.34105	1.32279	1.36		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

Continuing Calibration Check
HSL Compounds

Case No: Calibration Date: 08/03/05

Contractor: Accredited Labs Time: 13:17

Contract No: CALB40 Laboratory ID: >B0630

Instrument ID: Initial Calibration Date: 07/28/05

Minimum $\overline{RF}$ for SPCC is 0.05 Maximum % Diff for CCC is 30%

Compound	RF	$\overline{RF}$	%Diff	CCC	SPCC
Terphenyl-d14	.94915	.90174	5.00		
Butylbenzylphthalate	.94376	.84736	10.21		
3,3'-Dichlorobenzidine	.48496	.51736	6.68		
Benzo(a)Anthracene	1.46410	1.37419	6.14		
Bis(2-Ethylhexyl)Phthalate	1.26388	1.23835	2.02		
Chrysene	1.00346	1.13344	12.95		
Di-n-octyl phthalate	2.01165	2.02087	.46	*	
Benzo(b)fluoranthene	1.52971	1.45877	4.64		
Benzo(k)Fluoranthene	.94988	1.04347	9.85		
Benzo(a)Pyrene	1.25547	1.23670	1.50	*	
Indeno(1,2,3-cd)Pyrene	1.32171	1.31657	.39		
Dibenzo(a,h)Anthracene	1.09905	1.07215	2.45		
Benzo(g,h,i)Perylene	1.19778	1.16890	2.41		

RF - Response Factor from daily standard file at 50.00 ug/l

$\overline{RF}$ - Average Response Factor from Initial Calibration Form VI

%Diff - % Difference from original average or curve

CCC - Calibration Check Compounds (*) SPCC - System Performance Check Compounds (**)

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Level: (low/med) LOW

	LAB SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	TOT OUT
01	SBLK84	71	76	75				0
02	0507547	77	144*	33				1
03	0507548	62	79	177*				1
04	0507548DL	78	95	106				0
05	0507549	58	76	108				0
06	0507550	54	74	115				0
07	0507550DL	71	100	102				0
08	0507551	60	78	109				0
09	0507494MS	81	79	88				0
10	0507494MSD	79	84	93				0
11								
12								
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23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(23-120)
S2 (FBP) = 2-Fluorobiphenyl	(30-115)
S3 (TPH) = Terphenyl-d14	(18-137)
S4 (PHL) = Phenol-d5	(24-113)
S5 (2FP) = 2-Fluorophenol	(25-121)
S6 (TBP) = 2,4,6-Tribromophenol	(19-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: ~~8488~~ 8501 SAS No.: SDG No.:

	LAB SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	TOT OUT
01	SBLK85	80	77	83	67	68	90	0
02	0507547	76	74	82	68	66	88	0
03	0507548	78	76	82	69	67	90	0
04	0507511MS	64	74	87	72	62	87	0
05								
06								
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27								
28								
29								
30								

	QC LIMITS
S1 (NBZ) = Nitrobenzene-d5	(35-114)
S2 (FBP) = 2-Fluorobiphenyl	(43-116)
S3 (TPH) = Terphenyl-d14	(33-141)
S4 (PHL) = Phenol-d5	(10- 94)
S5 (2FP) = 2-Fluorophenol	(21-100)
S6 (TBP) = 2,4,6-Tribromophenol	(10-123)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0597 Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 12:48

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	15529	8.54	67490	11.72	39663	16.15
	UPPER LIMIT	31058	9.04	134980	12.22	79326	16.65
	LOWER LIMIT	7765	8.04	33745	11.22	19831	15.65
	LAB SAMPLE NO.						
01	SBLK84	10285	8.54	47390	11.70	29536	16.12
02							
03							
04							
05							
06							
07							
08							
09							
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19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0597 Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 12:48

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	81333		19.80		75117		26.51		86777		29.87	
	UPPER LIMIT	162666		20.30		150234		27.01		173554		30.37	
	LOWER LIMIT	40666		19.30		37559		26.01		43389		29.37	
	LAB SAMPLE NO.												
01	SBLK84	59845		19.77		66216		26.46		70184		29.82	
02													
03													
04													
05													
06													
07													
08													
09													
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19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: ~~8488~~ 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0597 8501 (KB) Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 12:48

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD	15529		8.54		67490		11.72		39663		16.15	
	UPPER LIMIT	31058		9.04		134980		12.22		79326		16.65	
	LOWER LIMIT	7765		8.04		33745		11.22		19831		15.65	
	LAB SAMPLE NO.												
01	SBLK85	10952		8.54		46667		11.70		30271		16.12	
02	0507547	11962		8.54		50860		11.70		33456		16.12	
03	0507548	11264		8.54		48438		11.70		31058		16.12	
04	0507511MS	11570		8.54		50636		11.70		32623		16.12	
05													
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21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: ~~8488~~ 8501 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0597 Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 12:48

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	81333	19.80	75117	26.51	86777	29.87
	UPPER LIMIT	162666	20.30	150234	27.01	173554	30.37
	LOWER LIMIT	40666	19.30	37559	26.01	43389	29.37
	LAB SAMPLE NO.						
01	SBLK85	61029	19.79	65350	26.46	68033	29.82
02	0507547	65198	19.79	69921	26.46	70644	29.83
03	0507548	62403	19.77	66000	26.46	69128	29.82
04	0507511MS	67004	19.79	67108	26.46	68895	29.82
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0611 Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 21:44

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	10410	8.54	48391	11.72	28886	16.12
	UPPER LIMIT	20820	9.04	96782	12.22	57772	16.62
	LOWER LIMIT	5205	8.04	24196	11.22	14443	15.62
	LAB SAMPLE NO.						
01	0507547	16758	8.52	67832	11.70	31289	16.37
02	0507548	16773	8.54	70594	11.70	45015	16.13
03	0507549	13572	8.54	57517	11.70	37496	16.12
04	0507550	12564	8.52	54447	11.70	36029	16.12
05	0507551	15046	8.54	63635	11.70	41420	16.12
06							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0611 Date Analyzed: 08/02/05

Instrument ID: HP5970B B Time Analyzed: 21:44

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	57402	19.80	54178	26.49	60060	29.83
	UPPER LIMIT	114804	20.30	108356	26.99	120120	30.33
	LOWER LIMIT	28701	19.30	27089	25.99	30030	29.33
	LAB SAMPLE NO.						
01	0507547	7689*	20.39*	26961*	26.83	20033*	30.00
02	0507548	80725	19.81	25997*	26.65	10766*	30.03
03	0507549	71337	19.80	55408	26.51	24917*	29.89
04	0507550	69617	19.80	45967	26.57	21808*	29.86
05	0507551	84090	19.79	61181	26.52	29892*	29.85
06							
07							
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19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0630 Date Analyzed: 08/03/05

Instrument ID: HP5970B B Time Analyzed: 13:17

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	13285	8.52	58422	11.70	33730	16.12
	UPPER LIMIT	26570	9.02	116844	12.20	67460	16.62
	LOWER LIMIT	6643	8.02	29211	11.20	16865	15.62
	LAB SAMPLE NO.						
01	0507548DL	16301	8.52	69069	11.68	45784	16.10
02	0507550DL	15725	8.52	64435	11.68	41520	16.10
03	0507549DL	15733	8.52	65059	11.67	40769	16.10
04	0507547DL	16966	8.52	69453	11.68	43634	16.11
05	0507551DL	16287	8.52	67806	11.67	43067	16.10
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 8501 0 SAS No.: SDG No.:

Lab File ID (Standard): >B0630 Date Analyzed: 08/03/05

Instrument ID: HP5970B B Time Analyzed: 13:17

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	66858		19.78		62704		26.47		69311		29.83	
	UPPER LIMIT	133716		20.28		125408		26.97		138622		30.33	
	LOWER LIMIT	33429		19.28		31352		25.97		34655		29.33	
	LAB SAMPLE NO.												
01	0507548DL	92024		19.77		84286		26.49		66623		29.88	
02	0507550DL	85811		19.77		86347		26.48		78624		29.82	
03	0507549DL	83175		19.77		80682		26.45		78056		29.83	
04	0507547DL	48274		19.88		79762		26.55		69213		29.85	
05	0507551DL	84720		19.77		88325		26.46		73788		29.80	
06													
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19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): >B0676 Date Analyzed: 08/08/05

Instrument ID: HP5970B B Time Analyzed: 11:43

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD	14417		8.41		62872		11.60		35918		16.00	
	UPPER LIMIT	28834		8.91		125744		12.10		71836		16.50	
	LOWER LIMIT	7209		7.91		31436		11.10		17959		15.50	
	LAB SAMPLE NO.												
01	0507494MS	13354		8.42		55881		11.60		37701		16.00	
02	0507494MSD	13371		8.41		56093		11.60		36374		16.00	
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22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Lab File ID (Standard): >B0676 Date Analyzed: 08/08/05

Instrument ID: HP5970B B Time Analyzed: 11:43

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	72627	19.66	73952	26.34	85479	29.69
	UPPER LIMIT	145254	20.16	147904	26.84	170958	30.19
	LOWER LIMIT	36314	19.16	36976	25.84	42740	29.19
	LAB SAMPLE NO.						
01	0507494MS	76207	19.67	75597	26.34	49381	29.69
02	0507494MSD	72420	19.67	72219	26.33	43779	29.67
03							
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILE MATRIX SPIKE RECOVERY

Matrix Spike Sample No.: 0507511

Date Extracted: 08/02/05

Data File: >B0606

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC
Pyridine	.100	.000	.000	0
1,4-Dichlorobenzene	.100	.000	.054	54
2-Methylphenol	.100	.000	.074	74
3&4-Methylphenol	.200	.000	.140	70
Hexachloroethane	.100	.000	.047	47
Nitrobenzene	.100	.000	.120	120
Hexachlorobutadiene	.100	.000	.048	48
2,4,6-Trichlorophenol	.100	.000	.078	78
2,4,5-Trichlorophenol	.100	.000	.085	85
2,4-Dinitrotoluene	.100	.000	.085	85
Hexachlorobenzene	.100	.000	.087	87
Pentachlorophenol	.100	.000	.100	100

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Accredited Laboratories, Inc.

Matrix Spike - Lab Sample No.: 0507494

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,4-Dichlorobenzene	3300	0	2700	82	28-104
N-Nitroso-Di-n-prop.(1)	3300	0	2000	61	41-126
1,2,4-Trichlorobenzene	3300	0	3200	97	38-107
Acenaphthene	3300	0	2700	82	31-137
2,4-Dinitrotoluene	3300	0	3100	94 *	28- 89
Pyrene	3300	860	3800	89	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,4-Dichlorobenzene	3300	2700	82	0	27	28-104
N-Nitroso-Di-n-prop.(1)	3300	2100	64	5	38	41-126
1,2,4-Trichlorobenzene	3300	3200	97	0	23	38-107
Acenaphthene	3300	2700	82	0	19	31-137
2,4-Dinitrotoluene	3300	3300	100 *	6	47	28- 89
Pyrene	3300	3800	89	0	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 2 out of 12 outside limits

COMMENTS: _____

ACCREDITED LABORATORIES, INC.

BN ORGANIC ANALYSIS DATA

CASE NUMBER		MATRIX	Soil
SAMPLE NUMBER	SBLK84	DILUTION FACTOR	1.0
DATA FILE	>B0600	DATE EXTRACTED	08/01/05
CLIENT NAME		DATE ANALYZED	08/02/05
FIELD ID		ANALYZED BY	JOSE

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	U	330	131113	Dimethyl Phthalate	U	330
208968	Acenaphthylene	U	330	84742	Di-n-Butylphthalate	U	330
120127	Anthracene	U	330	121142	2,4-Dinitrotoluene	U	330
56553	Benzo(a)Anthracene	U	330	606202	2,6-Dinitrotoluene	U	330
50328	Benzo(a)Pyrene	U	330	117840	Di-n-octyl phthalate	U	330
205992	Benzo(b)fluoranthene	U	330	206440	Fluoranthene	U	330
191242	Benzo(g,h,i)Perylene	U	330	86737	Fluorene	U	330
207089	Benzo(k)Fluoranthene	U	330	118741	Hexachlorobenzene	U	330
100516	Benzyl Alcohol	U	670	87683	Hexachlorobutadiene	U	330
111444	bis(-2-Chloroethyl)Ether	U	330	77474	Hexachlorocyclopentadiene	U	330
108601	bis(2-Chloroisopropyl)ether	U	330	67721	Hexachloroethane	U	330
117817	Bis(2-Ethylhexyl)Phthalate	U	330	193395	Indeno(1,2,3-cd)Pyrene	U	330
111911	bis(-2-Chloroethoxy)Methane	U	330	78591	Isophorone	U	330
101553	4-Bromophenyl-phenylether	U	330	91576	2-Methylnaphthalene	U	330
85687	Butylbenzylphthalate	U	330	91203	Naphthalene	U	330
106478	4-Chloroaniline	U	670	88744	2-Nitroaniline	U	1700
91587	2-Chloronaphthalene	U	330	99092	3-Nitroaniline	U	1700
7005723	4-Chlorophenyl-phenylether	U	330	100016	4-Nitroaniline	U	1700
218019	Chrysene	U	330	98953	Nitrobenzene	U	330
53703	Dibenzo(a,h)Anthracene	U	330	62759	N-Nitrosodimethylamine	U	330
132649	Dibenzofuran	U	330	86306	N-Nitrosodiphenylamine	U	330
95501	1,2-Dichlorobenzene	U	330	621647	N-Nitroso-Di-n-propylamine	U	330
541731	1,3-Dichlorobenzene	U	330	85018	Phenanthrene	U	330
106467	1,4-Dichlorobenzene	U	330	129000	Pyrene	U	330
91941	3,3'-Dichlorobenzidine	U	670	120821	1,2,4-Trichlorobenzene	U	330
84662	Diethylphthalate	U	330				

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	71 %	23-120	OK
2-Fluorobiphenyl	76 %	30-115	OK
Terphenyl-d14	75 %	18-137	OK

Percent solid of 100 is used for all target compounds.

J - Indicates compound concentration found below MDL.

U - Indicates compound analyzed for but not detected.

D - Indicates result is based on a dilution.

B - Indicates compound found in associated blank.

E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Accredited Labs, Inc. Lab Sample ID: SBLK84

Client Name: Field ID:

Case No.: Date Extracted: 08/01/05

Lab File ID: >B0600 Date Analyzed: 08/02/05

CONCENTRATION UNITS: (ug/L or ug/Kg): ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	3.95	490	
2.		Aldol condensates	4.75	27000	
3.		Unknown	6.56	190	

* Unknowns are defined as: Compounds that are less than 80% probability or have no database entries from the library.

FORM I SV-TIC

ACCREDITED LABORATORIES, INC.
TCLP SEMIVOLATILES ANALYSIS DATA

CASE NUMBER		MATRIX	Leachate
SAMPLE NUMBER	SBLK85	DILUTION FACTOR	10
DATA FILE	>B0599	DATE EXTRACTED	08/02/05
CLIENT NAME		DATE ANALYZED	08/02/05
FIELD ID		ANALYZED BY	JOSE

CAS No.	Compound	Result (mg/l)	MDL (mg/l)	Regulatory Level (mg/l)
110861	Pyridine	U	.10	5.0
106467	1,4-Dichlorobenzene	U	.10	7.5
95478	2-Methylphenol	U	.10	200.0
108394	3&4-Methylphenol	U	.10	200.0
67721	Hexachloroethane	U	.10	3.0
98953	Nitrobenzene	U	.10	2.0
87683	Hexachlorobutadiene	U	.10	0.5
88062	2,4,6-Trichlorophenol	U	.10	2.0
95954	2,4,5-Trichlorophenol	U	.50	400.0
121142	2,4-Dinitrotoluene	U	.10	0.13
118741	Hexachlorobenzene	U	.10	0.13
87865	Pentachlorophenol	U	.10	100.0

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
2-Fluorophenol	68 %	21 - 100	OK
Phenol-d5	67 %	10 - 94	OK
Nitrobenzene-d5	80 %	35 - 114	OK
2-Fluorobiphenyl	77 %	43 - 116	OK
2,4,6-Tribromophenol	90 %	10 - 123	OK
Terphenyl-d14	83 %	33 - 141	OK

U - Indicates compound was analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.

* 2-Methylphenol = o-cresol
* 3-Methylphenol = m-cresol
* 4-Methylphenol = p-cresol

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK84

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 0 SAS No.: SDG No.:

Lab File ID: >B0600 Lab Sample ID: SBLK84

Instrument ID: HP5970B B Date Extracted: 08/01/05

Matrix: (soil/water) SOIL Date Analyzed: 08/02/05

Level: (low/med) LOW Time Analyzed: 14:59

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01		0507547	>B0618	08/03/05
02		0507548	>B0619	08/03/05
03		0507548DL	>B0633	08/03/05
04		0507549	>B0620	08/03/05
05		0507550	>B0621	08/03/05
06		0507550DL	>B0634	08/03/05
07		0507551	>B0622	08/03/05
08		0507494MS	>B0689	08/08/05
09		0507494MSD	>B0690	08/08/05
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COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK85

Lab Name: ACCREDITED LABS, INC. Contract:

Lab Code: Case No.: 0 SAS No.: SDG No.:

Lab File ID: >B0599 Lab Sample ID: SBLK85

Instrument ID: HP5970B B Date Extracted: 08/02/05

Matrix: (soil/water) WATER Date Analyzed: 08/02/05

Level: (low/med) LOW Time Analyzed: 14:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01		0507547	>B0607	08/02/05
02		0507548	>B0608	08/02/05
03		0507511MS	>B0606	08/02/05
04				
05				
06				
07				
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COMMENTS:

ACCREDITED LABORATORIES, INC.
INITIAL CALIBRATION

Initial Calibration Source: PE/LEEMAN

Concentration Units: µg/L

Analyte	Initial Calibration True	Found	% Rec	Date	Method
Antimony	7500.0	7112.00	94.8	08/01/05	P
Arsenic	7500.0	7256.00	96.7	08/01/05	P
Beryllium	7500.0	7073.00	94.3	08/01/05	P
Cadmium	7500.0	7078.00	94.4	08/01/05	P
Chromium	7500.0	7306.00	97.4	08/01/05	P
Copper	7500.0	6919.00	92.3	08/01/05	P
Lead	7500.0	7162.00	95.5	08/01/05	P
Mercury	4.0	3.98	99.5	08/01/05	CV
Nickel	7500.0	7123.00	95.0	08/01/05	P
Selenium	7500.0	7300.00	97.3	08/01/05	P
Silver	750.0	703.00	93.7	08/01/05	P
Thallium	7500.0	7204.00	96.1	08/01/05	P
Zinc	7500.0	6975.00	93.0	08/01/05	P

Control Limits:

Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION VERIFICATION

Initial Calibration Source: PE/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: µg/L

Analyte	Continuing Calibration(s) True	Found 1	% Rec	Date 1	Found 2	% Rec	Date 2	M
Antimony	5000.0	4790.00	95.8	08/01/05	4769.00	95.4	08/01/05	P
Arsenic	5000.0	5085.00	101.7	08/01/05	5075.00	101.5	08/01/05	P
Beryllium	5000.0	4915.00	98.3	08/01/05	4870.00	97.4	08/01/05	P
Cadmium	5000.0	4973.00	99.5	08/01/05	4969.00	99.4	08/01/05	P
Chromium	5000.0	4771.00	95.4	08/01/05	4723.00	94.5	08/01/05	P
Copper	5000.0	4885.00	97.7	08/01/05	4855.00	97.1	08/01/05	P
Lead	5000.0	4905.00	98.1	08/01/05	4885.00	97.7	08/01/05	P
Mercury	5.0	5.10	102.0	08/01/05	5.13	102.6	08/01/05	CV
Nickel	5000.0	4977.00	99.5	08/01/05	4975.00	99.5	08/01/05	P
Selenium	5000.0	4987.00	99.7	08/01/05	4954.00	99.1	08/01/05	P
Silver	500.0	483.00	96.6	08/01/05	479.00	95.8	08/01/05	P
Thallium	5000.0	4997.00	99.9	08/01/05	4987.00	99.7	08/01/05	P
Zinc	5000.0	4894.00	97.9	08/01/05	4891.00	97.8	08/01/05	P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION VERIFICATION

Initial Calibration Source: PE/LEEMAN

Continuing Calibration Source: ALI

Concentration Units: µg/L

Analyte	Continuing Calibration(s) True	Found 3	% Rec	Date 3	Found 4	% Rec	Date 4	M
Antimony	5000.0	4733.00	94.7	08/01/05				P
Arsenic	5000.0	5057.00	101.1	08/01/05				P
Beryllium	5000.0	4750.00	95.0	08/01/05				P
Cadmium	5000.0	4893.00	97.9	08/01/05				P
Chromium	5000.0	4563.00	91.3	08/01/05				P
Copper	5000.0	4810.00	96.2	08/01/05				P
Lead	5000.0	4784.00	95.7	08/01/05				P
Mercury	5.0	5.06	101.2	08/01/05				CV
Nickel	5000.0	4925.00	98.5	08/01/05				P
Selenium	5000.0	4883.00	97.7	08/01/05				P
Silver	500.0	466.00	93.2	08/01/05				P
Thallium	5000.0	4975.00	99.5	08/01/05				P
Zinc	5000.0	4808.00	96.2	08/01/05				P

Control Limits: Mercury 80-120; ICP Metals 90-110; GFA 80-120; CN 85-115

ALI FORM II (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
INITIAL CALIBRATION & PREPARATORY BLANKS

Preparation Blank Matrix: Water

Analyte	Initial Calibration Blank (µg/L) Result	Date	Preparation Blank (µg/L) Result	Date	Method
Antimony	< 10.0	08/01/05	< 10.0	08/01/05	P
Arsenic	< 8.0	08/01/05	< 8.0	08/01/05	P
Beryllium	< 5.0	08/01/05	< 5.0	08/01/05	P
Cadmium	< 4.0	08/01/05	< 4.0	08/01/05	P
Chromium	< 10.0	08/01/05	< 10.0	08/01/05	P
Copper	< 10.0	08/01/05	< 10.0	08/01/05	P
Lead	< 10.0	08/01/05	< 10.0	08/01/05	P
Mercury	< .5	08/01/05	< .5	08/01/05	CV
Nickel	< 10.0	08/01/05	< 10.0	08/01/05	P
Selenium	< 10.0	08/01/05	< 10.0	08/01/05	P
Silver	< 5.0	08/01/05	< 5.0	08/01/05	P
Thallium	< 10.0	08/01/05	< 10.0	08/01/05	P
Zinc	< 100.0	08/01/05	< 100.0	08/01/05	P

ALI FORM III (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
CONTINUING CALIBRATION BLANKS

Concentration Units: µg/L

Analyte	Continuing Calibration Blank(s) Result 1	Date 1	Result 2	Date 2	Result 3	Date 3	Method
Antimony	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Arsenic	< 8.0	08/01/05	< 8.0	08/01/05	< 8.0	08/01/05	P
Beryllium	< 5.0	08/01/05	< 5.0	08/01/05	< 5.0	08/01/05	P
Cadmium	< 4.0	08/01/05	< 4.0	08/01/05	< 4.0	08/01/05	P
Chromium	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Copper	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Lead	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Mercury	< .5	08/01/05	< .5	08/01/05	< .5	08/01/05	CV
Nickel	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Selenium	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Silver	< 5.0	08/01/05	< 5.0	08/01/05	< 5.0	08/01/05	P
Thallium	< 10.0	08/01/05	< 10.0	08/01/05	< 10.0	08/01/05	P
Zinc	< 100.0	08/01/05	< 100.0	08/01/05	< 100.0	08/01/05	P

ALI FORM III (Part II) - INORGANICS

ACCREDITED LABORATORIES, INC.
ICP INTERFERENCE CHECK SAMPLE

ICP ID Number: TJA-61E ICS Source: SPEX-3-129AS

Concentration Units: µg/L

Analyte	True		Initial Found			Final Found		
	Sol A	Sol AB	Sol A	Sol AB	% Rec	Sol A	Sol AB	% Rec
Antimony	0.	500.	3.	488.0	97.6	1.	475.0	95.0
Arsenic	0.	500.	-3.	486.0	97.2	-3.	479.0	95.8
Beryllium	0.	250.	0.	246.0	98.4	1.	229.0	91.6
Cadmium	0.	250.	1.	239.0	95.6	-2.	229.0	91.6
Chromium	0.	250.	1.	242.0	96.8	1.	220.0	88.0
Copper	0.	250.	1.	263.0	105.2	-3.	253.0	101.2
Lead	0.	500.	-4.	472.0	94.4	-1.	451.0	90.2
Mercury								
Nickel	0.	250.	1.	236.0	94.4	1.	233.0	93.2
Selenium	0.	500.	0.	470.0	94.0	-2.	461.0	92.2
Silver	0.	250.	0.	229.0	91.6	0.	213.0	85.2
Thallium	0.	500.	2.	478.0	95.6	9.	484.0	96.8
Zinc	0.	500.	4.	433.0	86.6	3.	414.0	82.8

ALI FORM IV - INORGANICS

ACCREDITED LABORATORIES, INC.
SPIKE SAMPLE RECOVERY

Sample #: 0507553 Matrix: Aqueous

Concentration Units: µg/l

Analyte	Spike Added	Sample Result	Spiked Sample Result	% Recovery	Q	QC Limits %Rec	Date Analyzed	M
Antimony	500.00	ND	456	91.2		75-125	08/01/05	P
Arsenic	2000.00	10.6	1920	95.5		75-125	08/01/05	P
Beryllium	50.00	ND	43.1	86.2		75-125	08/01/05	P
Cadmium	50.00	9.49	52.7	86.4		75-125	08/01/05	P
Chromium	200.00	36.1	205	84.4		75-125	08/01/05	P
Copper	250.00	104	325	88.4		75-125	08/01/05	P
Lead	500.00	15.6	463	89.5		75-125	08/01/05	P
Mercury	2.00	ND	2.18	109.0		75-125	08/01/05	CV
Nickel	500.00	62.4	509	89.3		75-125	08/01/05	P
Selenium	2000.00	ND	1730	86.5		75-125	08/01/05	P
Silver	50.00	ND	44.5	89.0		75-125	08/01/05	P
Thallium	2000.00	ND	1850	92.5		75-125	08/01/05	P
Zinc	500.00	136	544	81.6		75-125	08/01/05	P

Comments:
ND - Element analyzed for but not detected.
P - Analyzed by ICP CV - Analyzed by cold vapor
F - Analyzed by GFA A - Analyzed by flame AA

ALI FORM V (Part I) - INORGANICS

ACCREDITED LABORATORIES, INC.
DUPLICATES

Sample #: 0507553 Matrix: Aqueous

Concentration Units (µG/L, MG/L or MG/KG dry weight): µG/L

Analyte	Control Limit	Sample Result	Duplicate Result	RPD	Q	Date Analyzed	M
Antimony		ND	ND			08/01/05	P
Arsenic	8.00	10.6	12.6	17.2		08/01/05	P
Beryllium		ND	ND			08/01/05	P
Cadmium	4.00	9.49	9.25	2.6		08/01/05	P
Chromium	10.0	36.1	36.1			08/01/05	P
Copper		104	104			08/01/05	P
Lead	10.0	15.6	14.6	6.6		08/01/05	P
Mercury		ND	ND			08/01/05	CV
Nickel		62.4	63.3	1.4		08/01/05	P
Selenium		ND	ND			08/01/05	P
Silver		ND	ND			08/01/05	P
Thallium		ND	ND			08/01/05	P
Zinc	100	136	138	1.5		08/01/05	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM VI - INORGANICS

ACCREDITED LABORATORIES, INC.
LABORATORY CONTROL SAMPLE

Solid LCS Source: ALI

Aqueous LCS Source: ALI

	Aqueous (µg/L)					Solid (mg/kg)				
Analyte	True	Found	%Rec	Q	M	True	Found	%Rec	Q	M
Antimony	500.0	501.0	100.2		P					
Arsenic	2000.0	2124.0	106.2		P					
Beryllium	50.0	51.5	103.0		P					
Cadmium	50.0	51.2	102.4		P					
Chromium	200.0	198.0	99.0		P					
Copper	250.0	234.0	93.6		P					
Lead	500.0	484.0	96.8		P					
Mercury	2.0	2.0	100.5		CV					
Nickel	500.0	498.0	99.6		P					
Selenium	2000.0	1999.0	99.9		P					
Silver	50.0	48.2	96.4		P					
Thallium	2000.0	1948.0	97.4		P					
Zinc	500.0	512.0	102.4		P					

ALI FORM VII - INORGANICS

ACCREDITED LABORATORIES, INC.
ICP SERIAL DILUTION SUMMARY

Sample #: 0507553 Matrix: Aqueous

Concentration Units: µg/L

Analyte	MDL	Initial Sample Result	Serial Dilution Result	% Difference	Date Date Analyzed	M
Antimony	10.0	ND	ND		08/01/05	P
Arsenic	8.00	10.6	ND	100.0	08/01/05	P
Beryllium	5.00	ND	ND		08/01/05	P
Cadmium	4.00	9.49	8.90	6.2	08/01/05	P
Chromium	10.0	36.1	36.3	.6	08/01/05	P
Copper	10.0	104	96.0	7.7	08/01/05	P
Lead	10.0	15.6	18.7	19.9	08/01/05	P
Nickel	10.0	62.4	63.0	1.0	08/01/05	P
Selenium	10.0	ND	ND		08/01/05	P
Silver	5.00	ND	ND		08/01/05	P
Thallium	10.0	ND	ND		08/01/05	P
Zinc	100	136	170	25.0	08/01/05	P

ND - Element analyzed for but not detected or detected below MDL.

ALI FORM IX - INORGANICS

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1403.D Vial: 11
Acq On : 1 Aug 2005 12:51 Operator: GARY
Sample : VBLKM37 Inst : GC/MS Ins
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 15:49 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	170896	50.00	ug/l	-0.10
24) 1,4-Difluorobenzene	8.73	114	357993	50.00	ug/l	-0.10
43) Chlorobenzene-d5	13.99	117	297943	50.00	ug/l	0.00
55) 1,4-Dichlorobenzene-d4	20.13	152	115534	50.00	ug/l	0.00
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.06	65	98814	45.65	ug/l	0.01
Spiked Amount 50.000	Range 76 - 114		Recovery = 91.30%			
36) Toluene-d8	11.05	98	411221	44.99	ug/l	-0.10
Spiked Amount 50.000	Range 88 - 110		Recovery = 89.98%			
42) Bromofluorobenzene	17.55	95	134141	45.99	ug/l	-0.14
Spiked Amount 50.000	Range 86 - 115		Recovery = 91.98%			
Target Compounds						Qvalue
4) Acetone	3.86	43	7057	4.54	ug/l	58
13) Methylene Chloride	4.51	49	38343	5.45	ug/l	90

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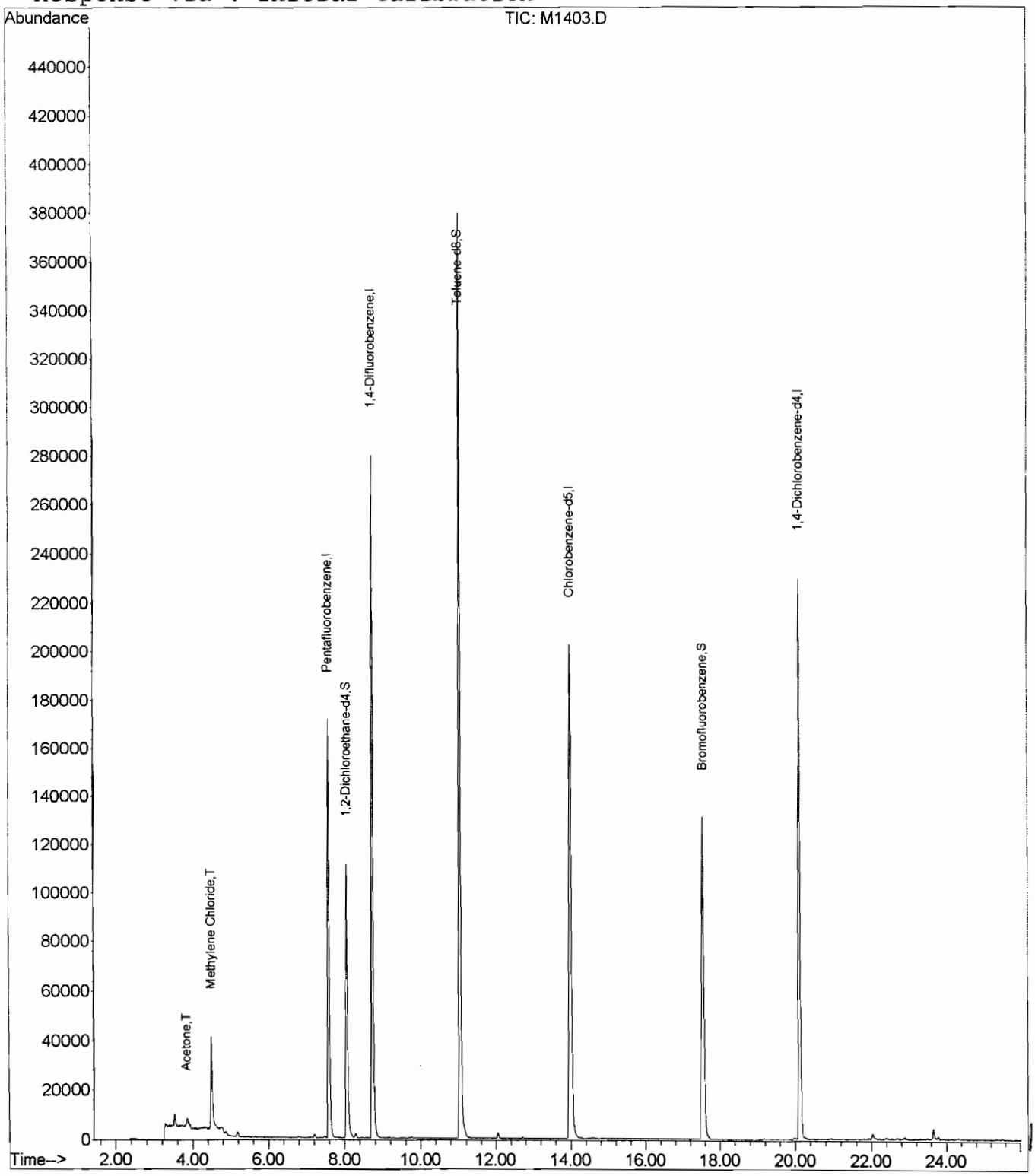
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0801\M1403.D
Acq On : 1 Aug 2005 12:51
Sample : VBLKM37
Misc : WATER
MS Integration Params: rteint.p
Quant Time: Aug 2 15:49 2005

Vial: 11
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1426.D Vial: 11
Acq On : 2 Aug 2005 11:48 Operator: GARY
Sample : VBLKM38 Inst : GC/MS Ins
Misc : SOIL Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 12:50 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	164900	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.75	114	345156	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.01	117	295596	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.14	152	112265	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	96439	46.21	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 92.42%			
36) Toluene-d8	11.06	98	402237	45.64	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 91.28%			
42) Bromofluorobenzene	17.57	95	132162	46.99	ug/l	-0.12
Spiked Amount 50.000	Range 74 - 121		Recovery = 93.98%			
Target Compounds						Qvalue
4) Acetone	3.87	43	4990m	3.33	ug/l	
13) Methylene Chloride	4.52	49	28587	4.21	ug/l	89

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(#) = qualifier out of range (m) = manual integration

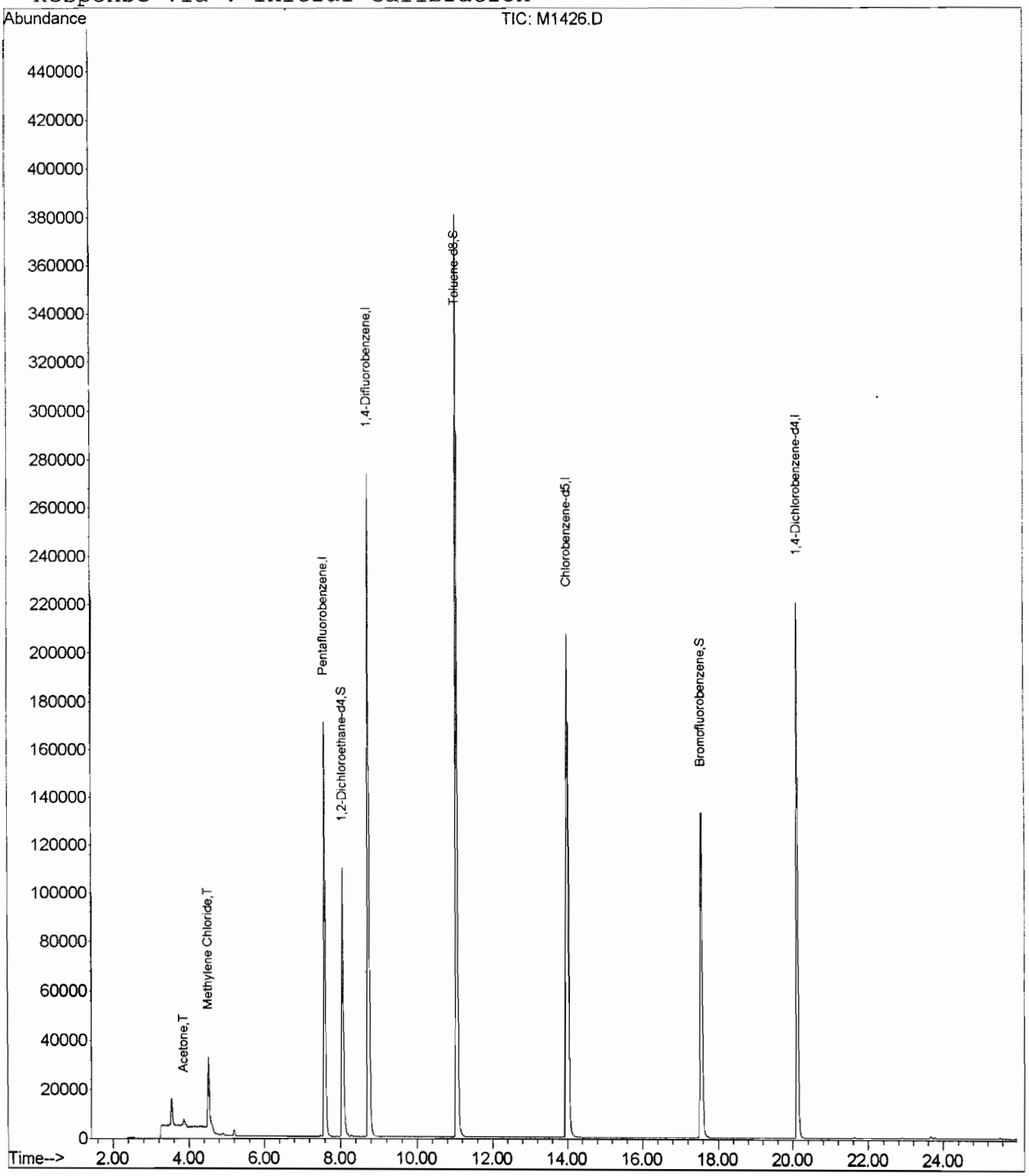
Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1426.D
Acq On : 2 Aug 2005 11:48
Sample : VBLKM38
Misc : SOIL
MS Integration Params: rteint.p
Quant Time: Aug 2 12:50 2005

Vial: 11
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1415.D Vial: 5
Acq On : 1 Aug 2005 19:26 Operator: GARY
Sample : 0507547 Inst : GC/MS Ins
Misc : SOIL 8501 NS-1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

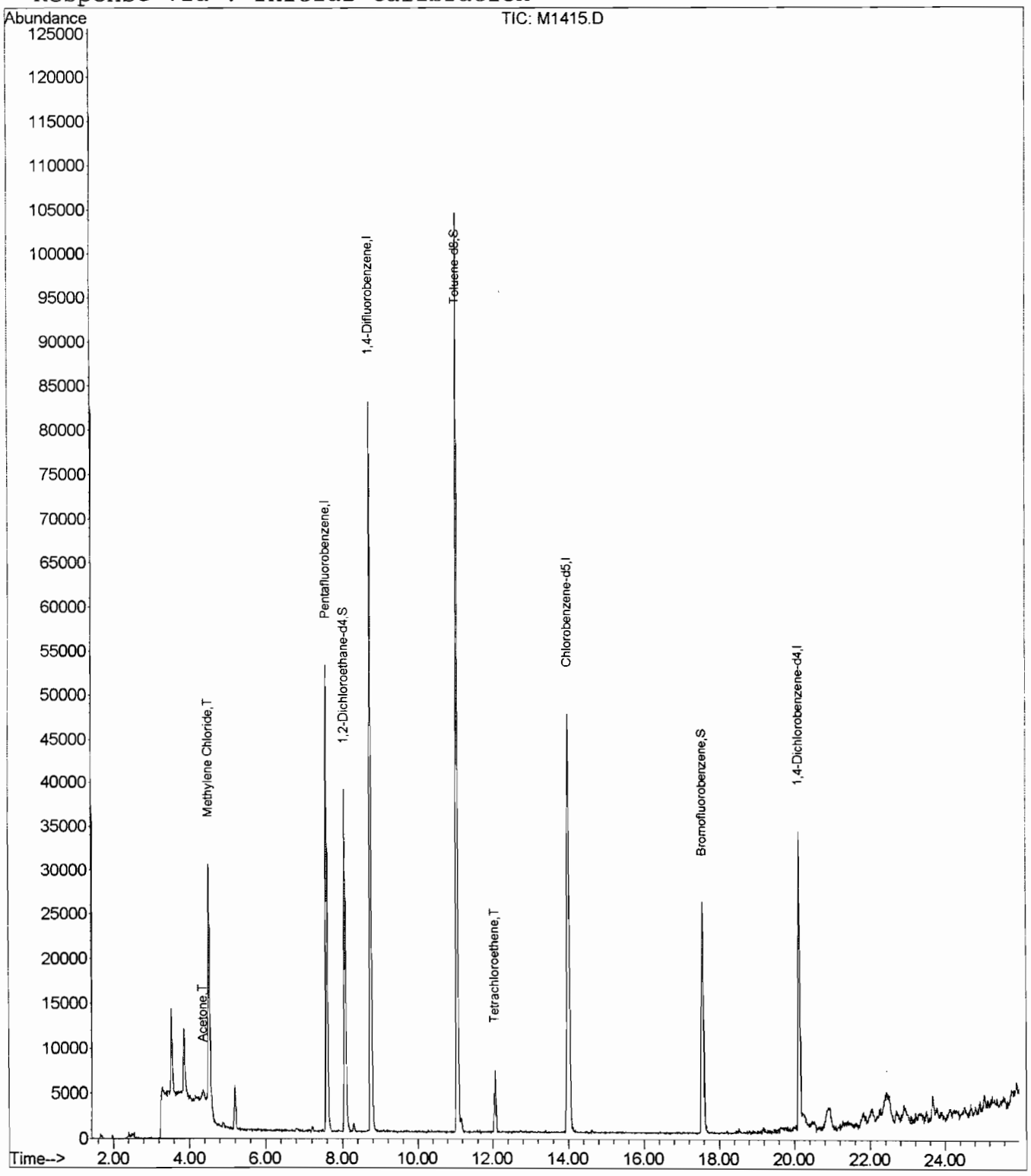
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	51272	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.75	114	103720	50.00	ug/l	-0.09
43) Chlorobenzene-d5	14.01	117	69180	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.13	152	17202	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	33510	53.43	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 106.86%			
36) Toluene-d8	11.06	98	109600	41.38	ug/l	-0.09
Spiked Amount 50.000	Range 81 - 117		Recovery = 82.76%			
42) Bromofluorobenzene	17.56	95	25815	30.55	ug/l	-0.13
Spiked Amount 50.000	Range 74 - 121		Recovery = 61.10%#			
Target Compounds						Qvalue
4) Acetone	4.36	43	1726	3.70	ug/l	65
13) Methylene Chloride	4.52	49	27154	12.86	ug/l	87
46) Tetrachloroethene	12.07	166	3864	7.73	ug/l	97

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(#) = qualifier out of range (m) = manual integration

Data File : D:\M\DATA\AUG05\M0801\M1415.D Vial: 5
Acq On : 1 Aug 2005 19:26 Operator: GARY
Sample : 0507547 Inst : GC/MS Ins
Misc : SOIL 8501 NS-1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1441.D Vial: 5
Acq On : 2 Aug 2005 20:06 Operator: GARY
Sample : 0507547 Inst : GC/MS Ins
Misc : SOIL 8501 NS-1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:45 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.61	168	79151	50.00	ug/l	-0.08
24) 1,4-Difluorobenzene	8.75	114	167574	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.02	117	117781	50.00	ug/l	0.03
55) 1,4-Dichlorobenzene-d4	20.14	152	31648	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	53162	52.47	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 104.94%			
36) Toluene-d8	11.07	98	182174	42.58	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 85.16%			
42) Bromofluorobenzene	17.58	95	45161	33.08	ug/l	-0.11
Spiked Amount 50.000	Range 74 - 121		Recovery = 66.16%#			
Target Compounds						Qvalue
4) Acetone	3.89	43	10184	14.16	ug/l	59
13) Methylene Chloride	4.52	49	24468	7.51	ug/l	90
46) Tetrachloroethene	12.07	166	3332	3.92	ug/l	94

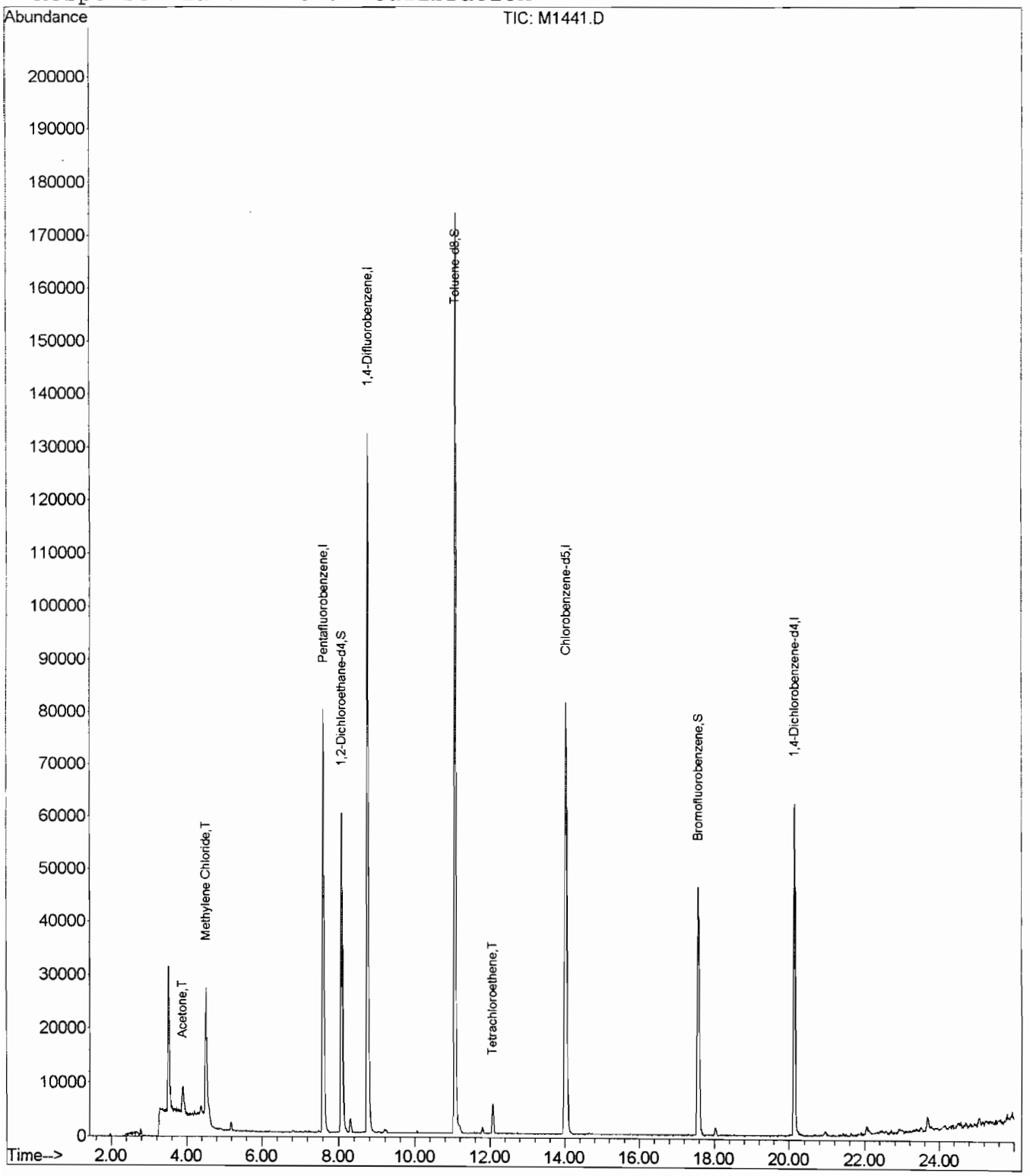
192

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1441.D Vial: 5
Acq On : 2 Aug 2005 20:06 Operator: GARY
Sample : 0507547 Inst : GC/MS Ins
Misc : SOIL 8501 NS-1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:45 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1416.D
Acq On : 1 Aug 2005 19:59
Sample : 0507548
Misc : SOIL 8501 NS-2
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005

Vial: 6
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.61	168	83983	50.00	ug/l	-0.08
24) 1,4-Difluorobenzene	8.75	114	161573	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.00	117	103783	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.13	152	24138	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	47350	48.46	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 96.92%			
36) Toluene-d8	11.06	98	171689	41.62	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 83.24%			
42) Bromofluorobenzene	17.56	95	38075	28.92	ug/l	-0.13
Spiked Amount 50.000	Range 74 - 121		Recovery = 57.84%#			
Target Compounds						Qvalue
4) Acetone	3.87	43	32863	43.07	ug/l #	46
13) Methylene Chloride	4.52	49	55121	15.94	ug/l	88
46) Tetrachloroethene	12.06	166	4265	5.69	ug/l	95

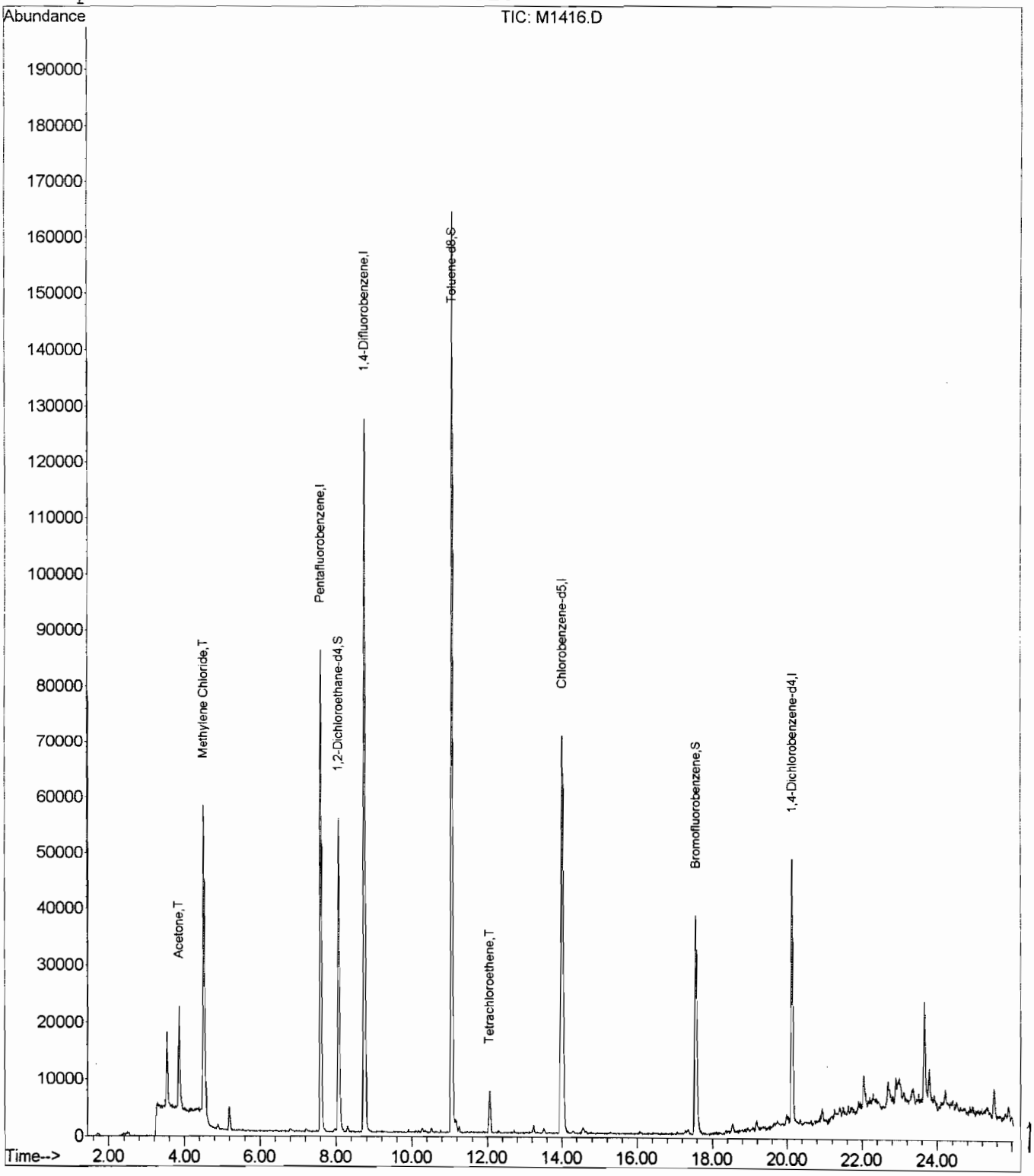
194

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0801\M1416.D Vial: 6
Acq On : 1 Aug 2005 19:59 Operator: GARY
Sample : 0507548 Inst : GC/MS Ins
Misc : SOIL 8501 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1442.D Vial: 6
Acq On : 2 Aug 2005 20:39 Operator: GARY
Sample : 0507548 Inst : GC/MS Ins
Misc : SOIL 8501 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:46 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	63009	50.00	ug/l	-0.08
24) 1,4-Difluorobenzene	8.75	114	125021	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.01	117	88312	50.00	ug/l	0.03
55) 1,4-Dichlorobenzene-d4	20.14	152	24884	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.08	65	36834	48.72	ug/l	0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 97.44%			
36) Toluene-d8	11.07	98	139840	43.81	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 87.62%			
42) Bromofluorobenzene	17.58	95	35367	34.72	ug/l	-0.12
Spiked Amount 50.000	Range 74 - 121		Recovery = 69.44%#			
Target Compounds						Qvalue
4) Acetone	3.87	43	22461	39.23	ug/l	56
13) Methylene Chloride	4.52	49	33149	12.77	ug/l	89
46) Tetrachloroethene	12.07	166	1870	2.93	ug/l	97

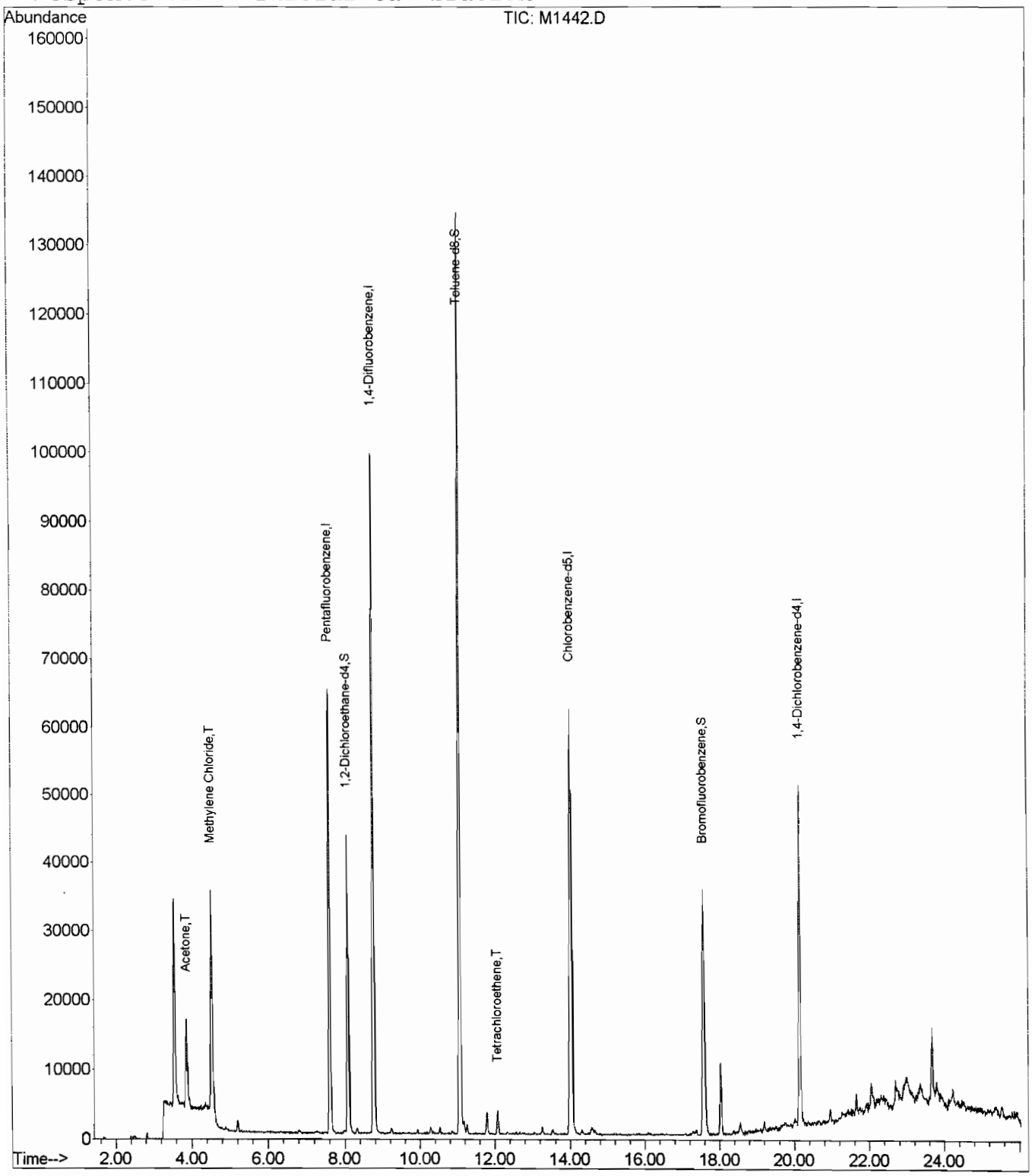
196

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1442.D Vial: 6
Acq On : 2 Aug 2005 20:39 Operator: GARY
Sample : 0507548 Inst : GC/MS Ins
Misc : SOIL 8501 NS-2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:46 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



197

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1417.D Vial: 7
Acq On : 1 Aug 2005 20:32 Operator: GARY
Sample : 0507549 Inst : GC/MS Ins
Misc : SOIL 8501 NS-3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	133708	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.74	114	271723	50.00	ug/l	-0.09
43) Chlorobenzene-d5	14.00	117	208812	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.13	152	64318	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	80054	48.72	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 97.44%			
36) Toluene-d8	11.06	98	312401	45.03	ug/l	-0.09
Spiked Amount 50.000	Range 81 - 117		Recovery = 90.06%			
42) Bromofluorobenzene	17.56	95	85457	38.60	ug/l	-0.13
Spiked Amount 50.000	Range 74 - 121		Recovery = 77.20%			
Target Compounds						Qvalue
4) Acetone	3.87	43	9456m	7.78	ug/l	
13) Methylene Chloride	4.52	49	41413	7.52	ug/l	92
46) Tetrachloroethene	12.06	166	3360	2.23	ug/l	90

198

(#) = qualifier out of range (m) = manual integration

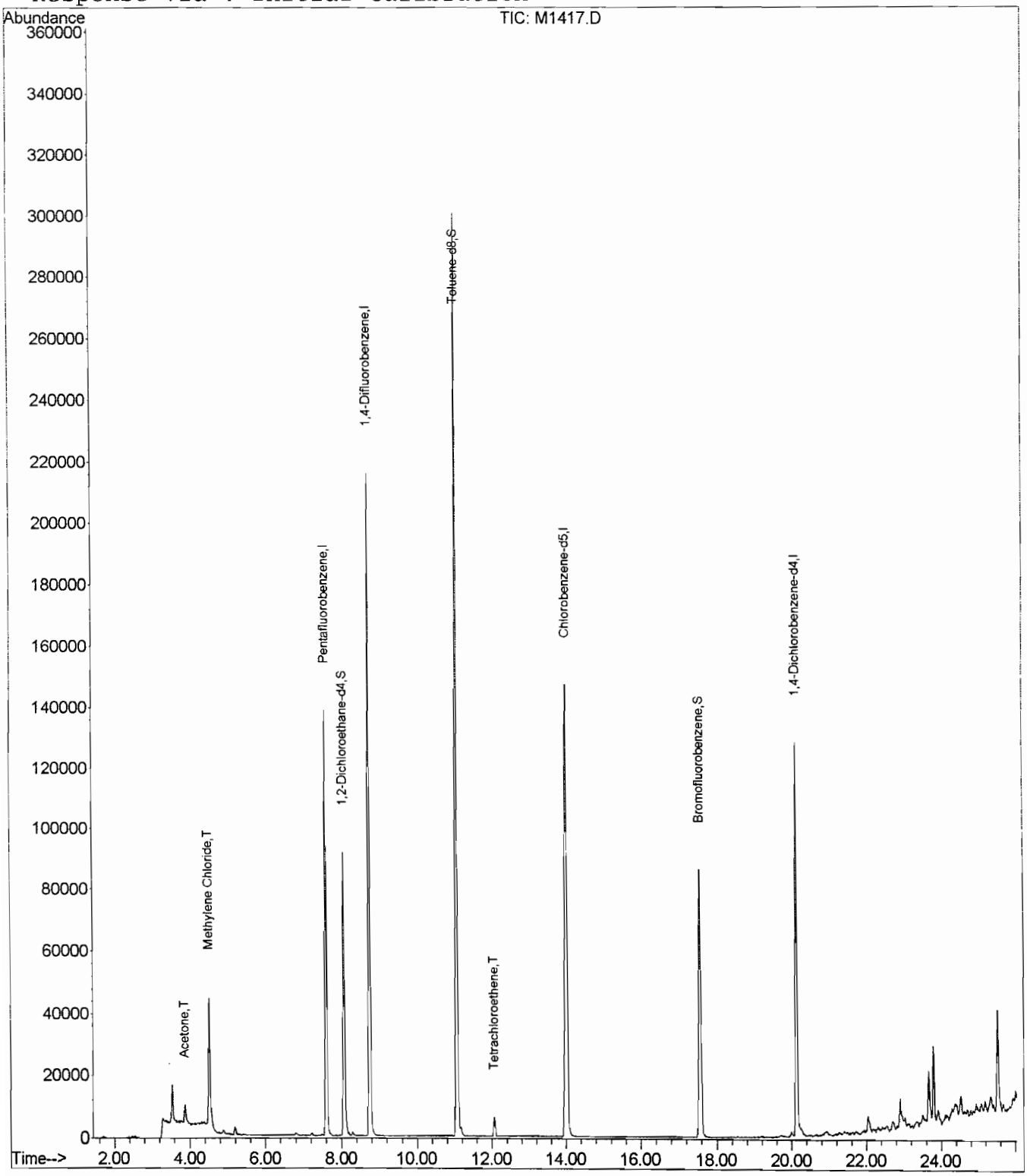
Quantitation Report

Data File : D:\M\DATA\AUG05\M0801\M1417.D
Acq On : 1 Aug 2005 20:32
Sample : 0507549
Misc : SOIL 8501 NS-3
MS Integration Params: rteint.p
Quant Time: Aug 3 16:50 2005

Vial: 7
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



199

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1418.D Vial: 8
Acq On : 1 Aug 2005 21:04 Operator: GARY
Sample : 0507550 Inst : GC/MS Ins
Misc : SOIL 8501 NS-4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:51 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	106982	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.75	114	203073	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.00	117	143935	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.13	152	42930	50.00	ug/l	0.01
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	55948	45.56	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 91.12%			
36) Toluene-d8	11.06	98	230667	44.49	ug/l	-0.09
Spiked Amount 50.000	Range 81 - 117		Recovery = 88.98%			
42) Bromofluorobenzene	17.56	95	57905	35.00	ug/l	-0.13
Spiked Amount 50.000	Range 74 - 121		Recovery = 70.00%#			
Target Compounds						Qvalue
4) Acetone	3.88	43	5871m	6.04	ug/l	
13) Methylene Chloride	4.52	49	41257	9.36	ug/l	91
46) Tetrachloroethene	12.06	166	1586	1.53	ug/l	95

200

(#) = qualifier out of range (m) = manual integration

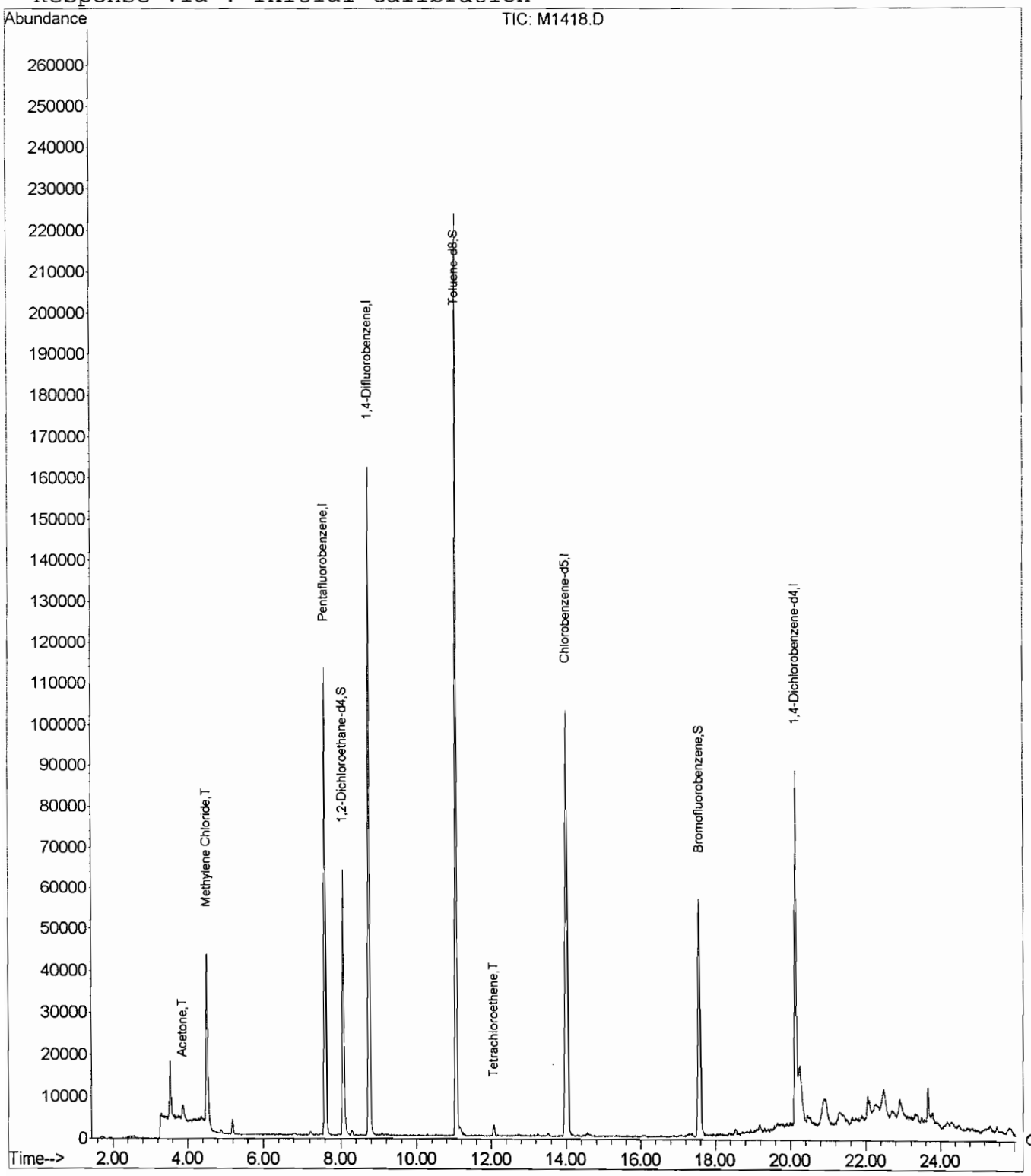
Quantitation Report

Data File : D:\M\DATA\AUG05\M0801\M1418.D
Acq On : 1 Aug 2005 21:04
Sample : 0507550
Misc : SOIL 8501 NS-4
MS Integration Params: rteint.p
Quant Time: Aug 3 16:51 2005

Vial: 8
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



201

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1443.D Vial: 7
Acq On : 2 Aug 2005 21:11 Operator: GARY
Sample : 0507550 Inst : GC/MS Ins
Misc : SOIL 8501 NS-4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:47 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.61	168	90003	50.00	ug/l	-0.08
24) 1,4-Difluorobenzene	8.76	114	175516	50.00	ug/l	-0.07
43) Chlorobenzene-d5	14.02	117	128351	50.00	ug/l	0.04
55) 1,4-Dichlorobenzene-d4	20.14	152	35108	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.08	65	52560	49.52	ug/l	0.03
Spiked Amount 50.000	Range 70 - 121		Recovery = 99.04%			
36) Toluene-d8	11.07	98	201931	45.06	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 90.12%			
42) Bromofluorobenzene	17.58	95	50516	35.32	ug/l	-0.12
Spiked Amount 50.000	Range 74 - 121		Recovery = 70.64%#			
Target Compounds						Qvalue
4) Acetone	3.87	43	4398m	5.38	ug/l	
13) Methylene Chloride	4.52	49	25645	6.92	ug/l	94

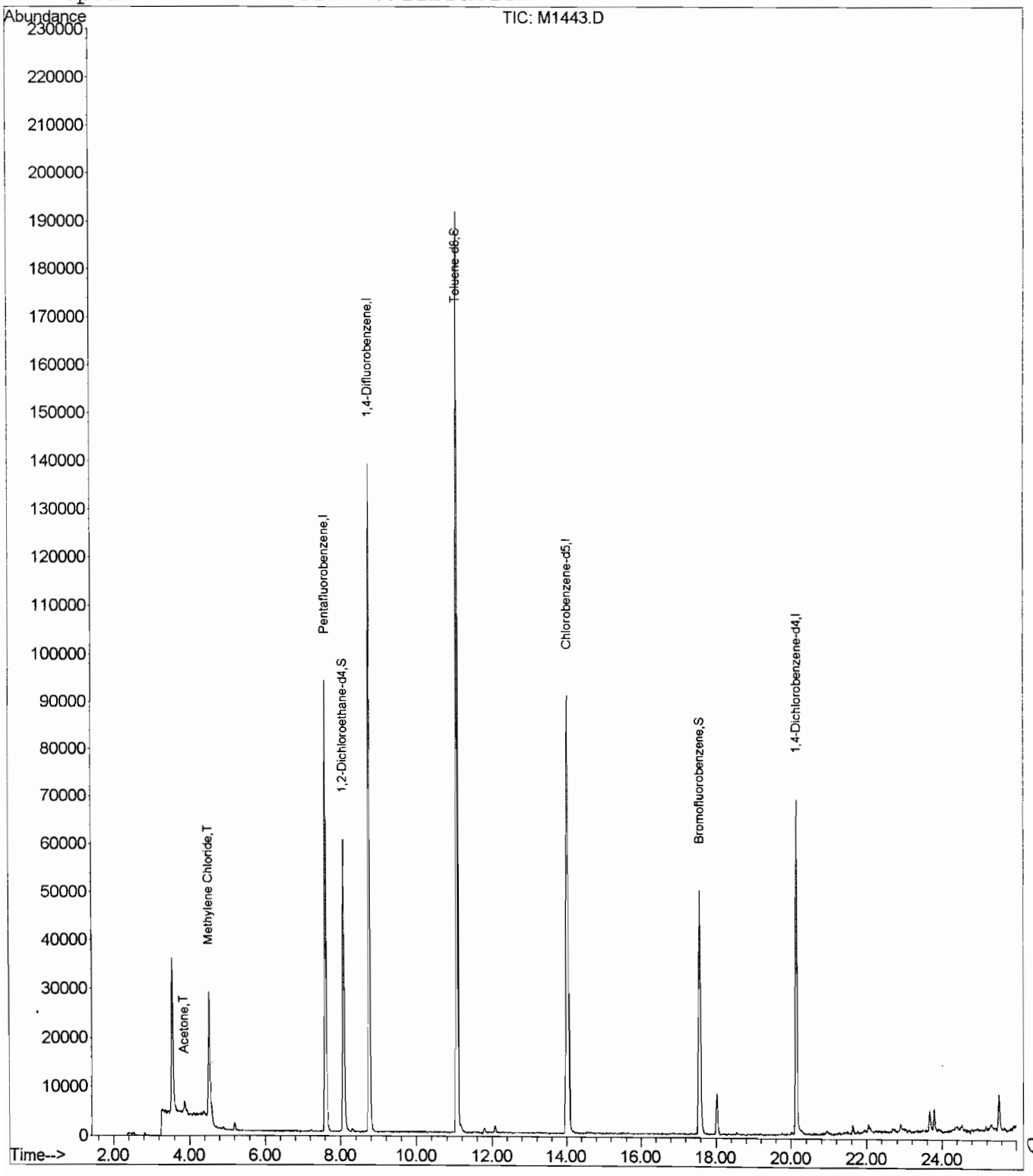
202

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1443.D Vial: 7
Acq On : 2 Aug 2005 21:11 Operator: GARY
Sample : 0507550 Inst : GC/MS Ins
Misc : SOIL 8501 NS-4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:47 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



203

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0801\M1419.D Vial: 9
Acq On : 1 Aug 2005 21:37 Operator: GARY
Sample : 0507551 Inst : GC/MS Ins
Misc : SOIL 8501 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:51 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	94230	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.74	114	176635	50.00	ug/l	-0.09
43) Chlorobenzene-d5	14.00	117	120540	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.14	152	32791	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	49661	46.50	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 93.00%			
36) Toluene-d8	11.06	98	198290	43.96	ug/l	-0.09
Spiked Amount 50.000	Range 81 - 117		Recovery = 87.92%			
42) Bromofluorobenzene	17.56	95	45966	31.94	ug/l	-0.13
Spiked Amount 50.000	Range 74 - 121		Recovery = 63.88%#			
Target Compounds						Qvalue
4) Acetone	3.87	43	12167m	14.21	ug/l	
13) Methylene Chloride	4.51	49	26380	6.80	ug/l	88
46) Tetrachloroethene	12.05	166	2022	2.32	ug/l	86

204

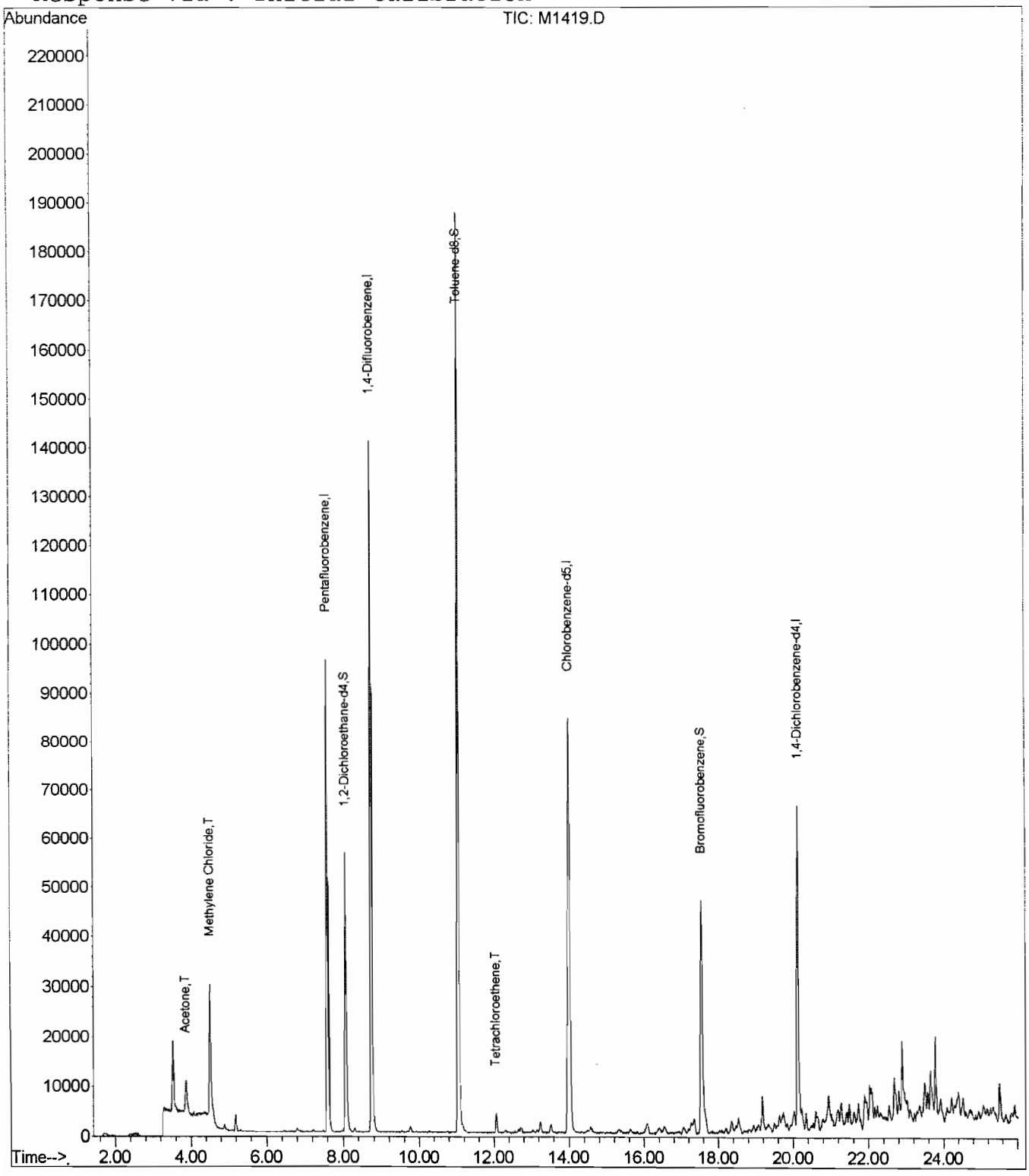
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0801\M1419.D
Acq On : 1 Aug 2005 21:37
Sample : 0507551
Misc : SOIL 8501 NS-5
MS Integration Params: rteint.p
Quant Time: Aug 3 16:51 2005

Vial: 9
Operator: GARY
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



205

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1444.D Vial: 8
Acq On : 2 Aug 2005 21:44 Operator: GARY
Sample : 0507551 Inst : GC/MS Ins
Misc : SOIL 8501 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:47 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	112499	50.00	ug/l	-0.08
24) 1,4-Difluorobenzene	8.75	114	225459	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.02	117	161404	50.00	ug/l	0.03
55) 1,4-Dichlorobenzene-d4	20.14	152	46749	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	63820	46.81	ug/l	0.02
Spiked Amount 50.000	Range 70 - 121		Recovery = 93.62%			
36) Toluene-d8	11.07	98	257875	44.79	ug/l	-0.08
Spiked Amount 50.000	Range 81 - 117		Recovery = 89.58%			
42) Bromofluorobenzene	17.58	95	63778	34.72	ug/l	-0.11
Spiked Amount 50.000	Range 74 - 121		Recovery = 69.44%#			
Target Compounds						Qvalue
4) Acetone	3.88	43	3150	3.08	ug/l	55
13) Methylene Chloride	4.53	49	18250	3.94	ug/l	87
46) Tetrachloroethene	12.07	166	1155	0.99	ug/l	94

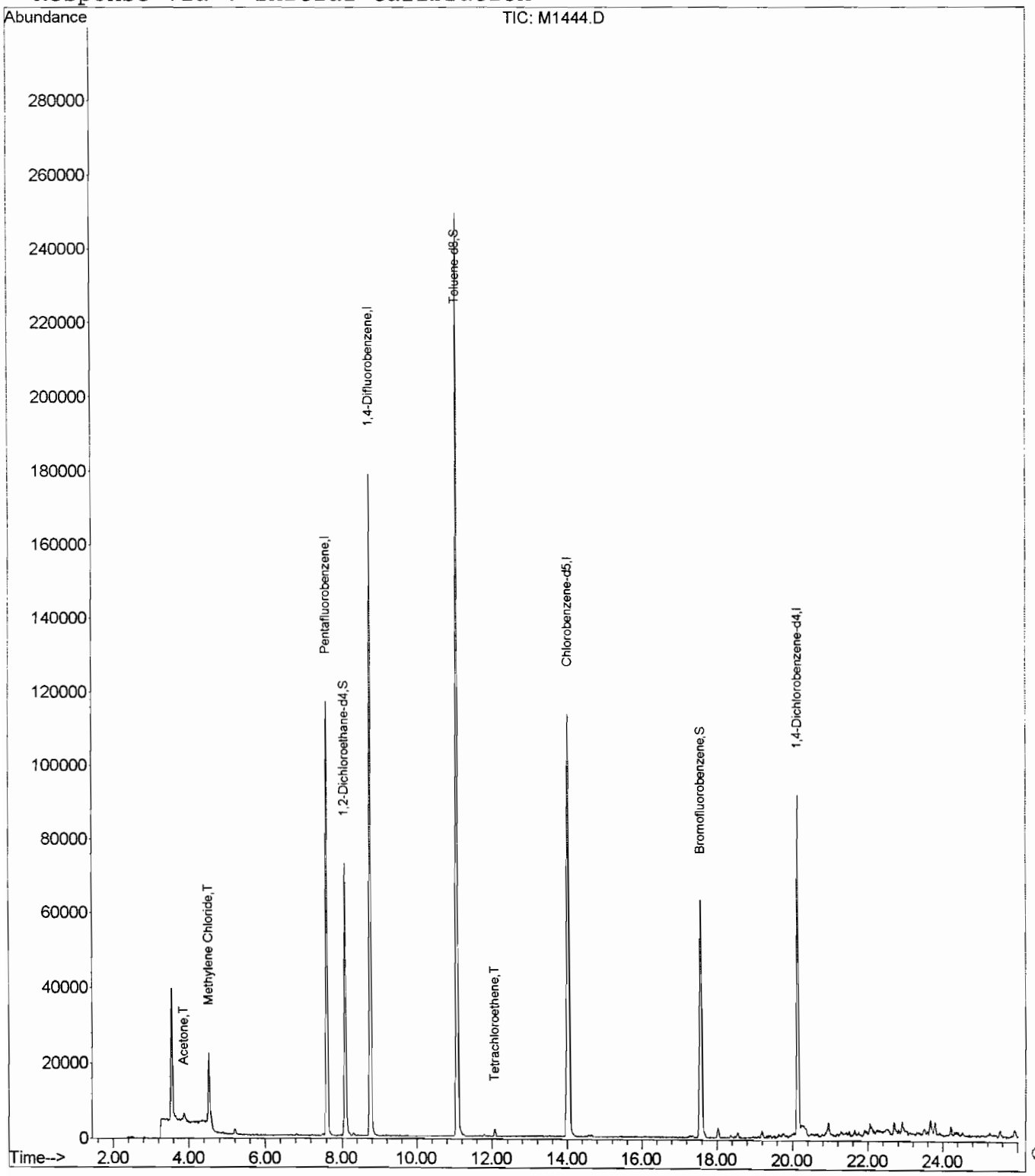
206

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1444.D Vial: 8
Acq On : 2 Aug 2005 21:44 Operator: GARY
Sample : 0507551 Inst : GC/MS Ins
Misc : SOIL 8501 NS-5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 3 16:47 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



207

Quantitation Report (QT Reviewed)

Data File : D:\M\DATA\AUG05\M0802\M1427.D Vial: 1
Acq On : 2 Aug 2005 12:28 Operator: GARY
Sample : 0507552 Inst : GC/MS Ins
Misc : WATER 8501 TB Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 12:55 2005 Quant Results File: VM8S0523.RES

Quant Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration
DataAcq Meth : VM8S0523

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.60	168	167324	50.00	ug/l	-0.09
24) 1,4-Difluorobenzene	8.75	114	351484	50.00	ug/l	-0.08
43) Chlorobenzene-d5	14.01	117	301908	50.00	ug/l	0.02
55) 1,4-Dichlorobenzene-d4	20.14	152	116291	50.00	ug/l	0.02
System Monitoring Compounds						
25) 1,2-Dichloroethane-d4	8.07	65	97009	45.64	ug/l	0.02
Spiked Amount 50.000	Range 76 - 114		Recovery = 91.28%			
36) Toluene-d8	11.06	98	409455	45.62	ug/l	-0.08
Spiked Amount 50.000	Range 88 - 110		Recovery = 91.24%			
42) Bromofluorobenzene	17.57	95	134536	46.98	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 115		Recovery = 93.96%			
Target Compounds						Qvalue
4) Acetone	3.89	43	6087m	4.00	ug/l	
13) Methylene Chloride	4.52	49	29779	4.32	ug/l	87

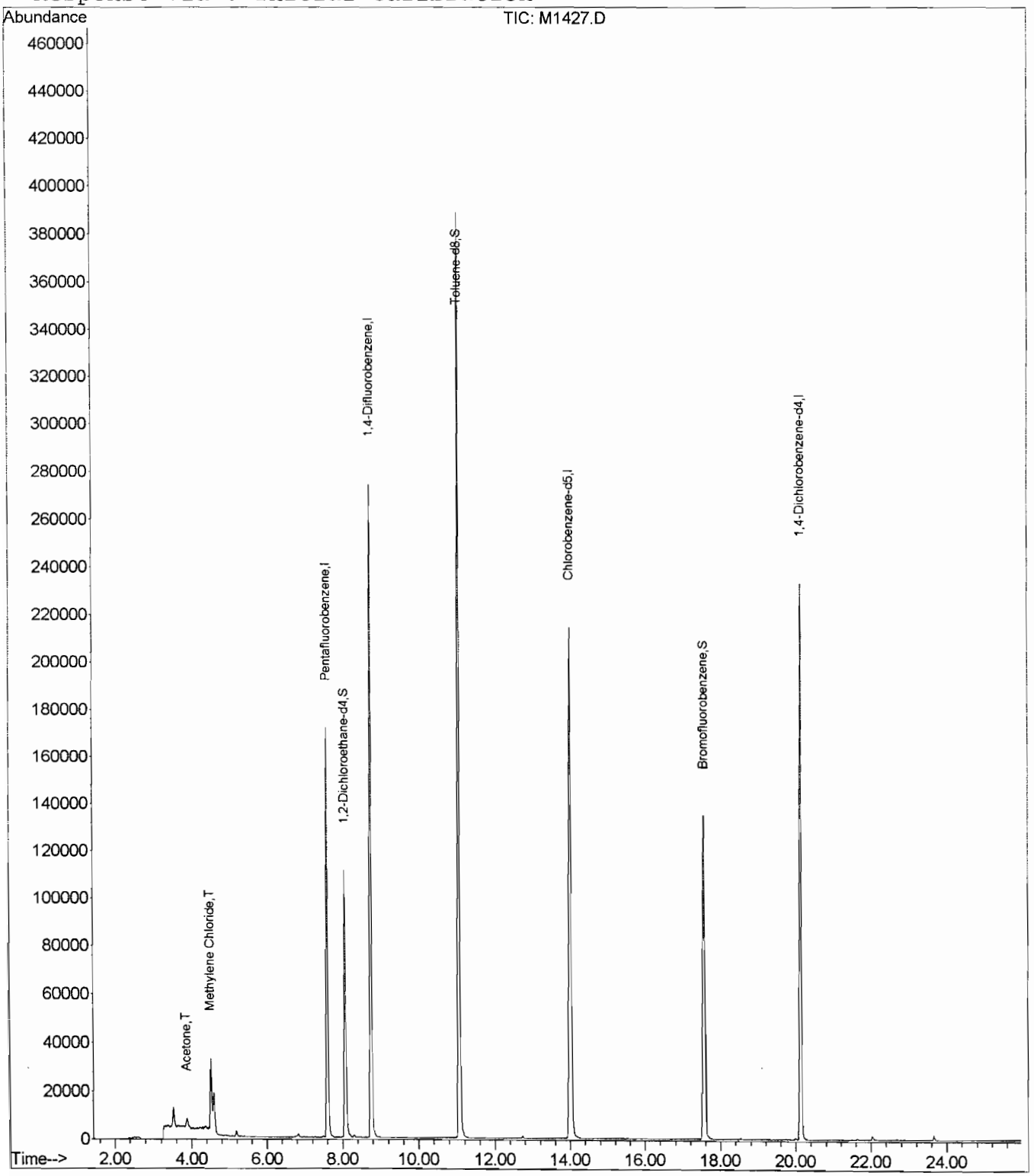
203

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\M\DATA\AUG05\M0802\M1427.D Vial: 1
Acq On : 2 Aug 2005 12:28 Operator: GARY
Sample : 0507552 Inst : GC/MS Ins
Misc : WATER 8501 TB Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 2 12:55 2005 Quant Results File: VM8S0523.R

Method : D:\M\METHODS\VM8S0523.M (RTE Integrator)
Title : VOA 8260 METHOD
Last Update : Fri Jul 22 11:32:47 2005
Response via : Initial Calibration



209

QUANT REPORT

Operator ID: JOSE
Output File: ^C5401::QT
Data File: >C5401::C2
Name: VBLKC20
Misc:

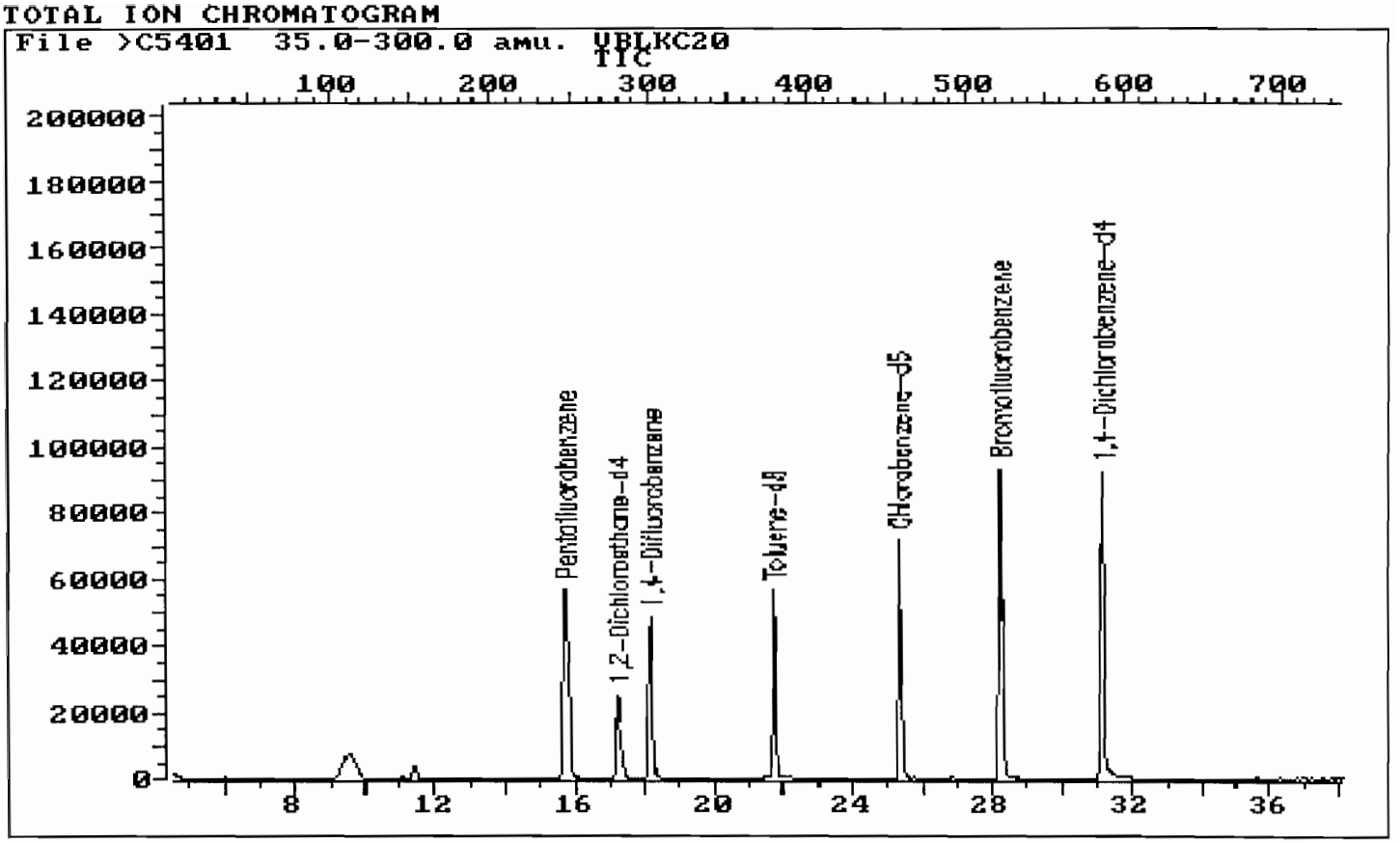
Quant Rev: 6 Quant Time: 050803 17:17
Injected at: 050803 16:38
Dilution Factor: 1.00000

ID File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*Pentafluorobenzene	15.74	247	143164	50.00	ug/l	85
24)	*1,4-Difluorobenzene	18.19	301	130714	50.00	ug/l	77
25)	1,2-Dichloroethane-d4	17.24	280	78483	53.79	ug/l	89
36)	Toluene-d8	21.74	379	129166	51.54	ug/l	92
42)	Bromofluorobenzene	28.25	522	115158M	56.25	ug/l	70
43)	*Chlorobenzene-d5	25.34	458	120843	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	31.17	586	84953	50.00	ug/l	89

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5401::C2 Quant Output File: ^C5401::QT
Name: VBLKC20
Misc:

Id File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

Operator ID: JOSE
Quant Time: 050803 17:17
Injected at: 050803 16:38

QUANT REPORT

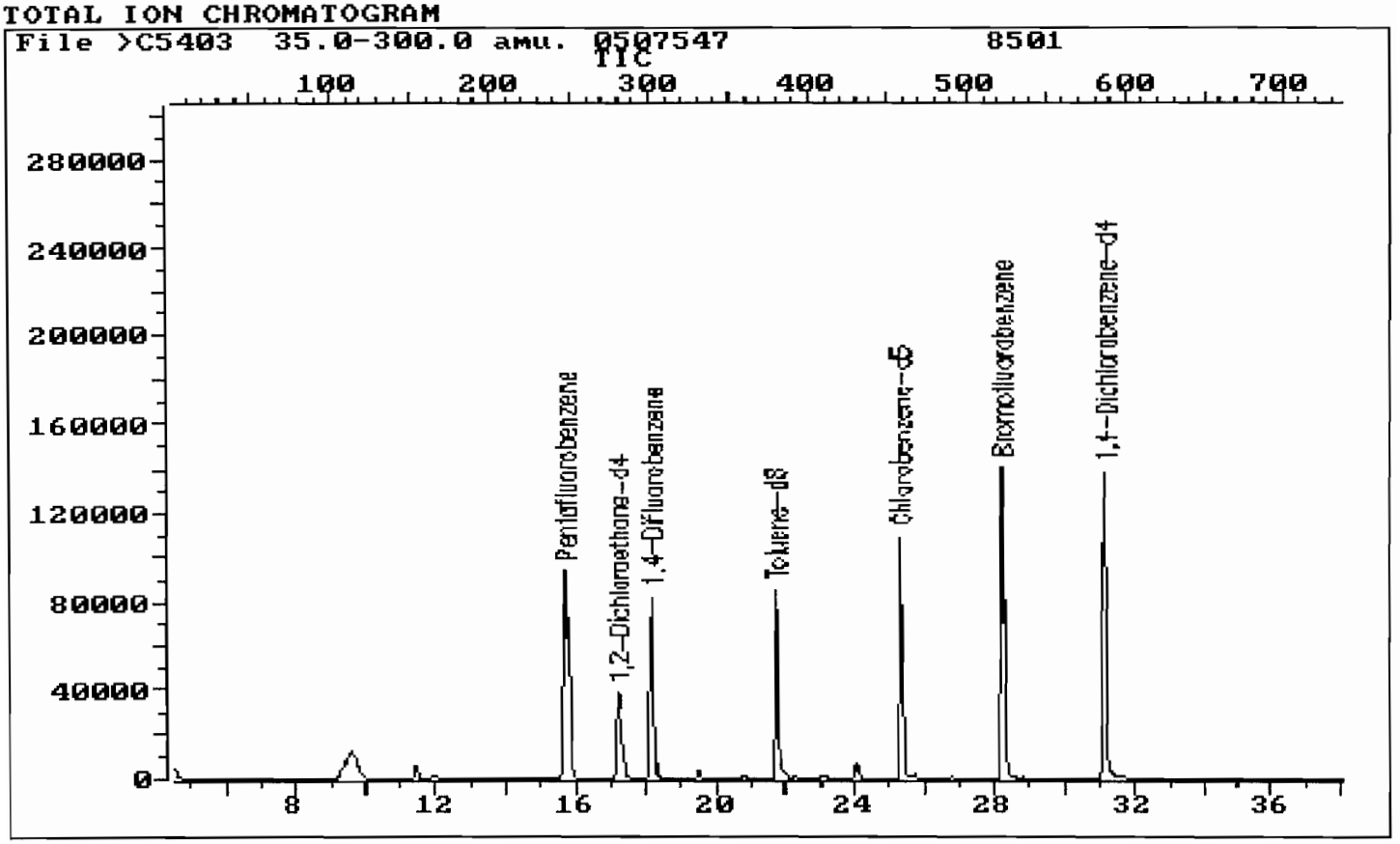
Operator ID: JOSE Quant Rev: 6 Quant Time: 050803 18:50
Output File: ^C5403::QT Injected at: 050803 18:11
Data File: >C5403::C2 Dilution Factor: 1.00000
Name: 0507547
Misc: 8501 RTPEA NS-1

ID File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*Pentafluorobenzene	15.74	247	229306	50.00	ug/l	86
24)	*1,4-Difluorobenzene	18.19	301	208768	50.00	ug/l	79
25)	1,2-Dichloroethane-d4	17.24	280	124425	53.40	ug/l	88
36)	Toluene-d8	21.74	379	198273	49.54	ug/l	91
42)	Bromofluorobenzene	28.25	522	166527M	50.93	ug/l	
43)	*Chlorobenzene-d5	25.34	458	175379	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	31.17	586	121191	50.00	ug/l	89

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5403::C2 Quant Output File: ^C5403::QT
Name: 0507547
Misc: 8501 RTPEA NS-1

Id File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

Operator ID: JOSE
Quant Time: 050803 18:50
Injected at: 050803 18:11

QUANT REPORT

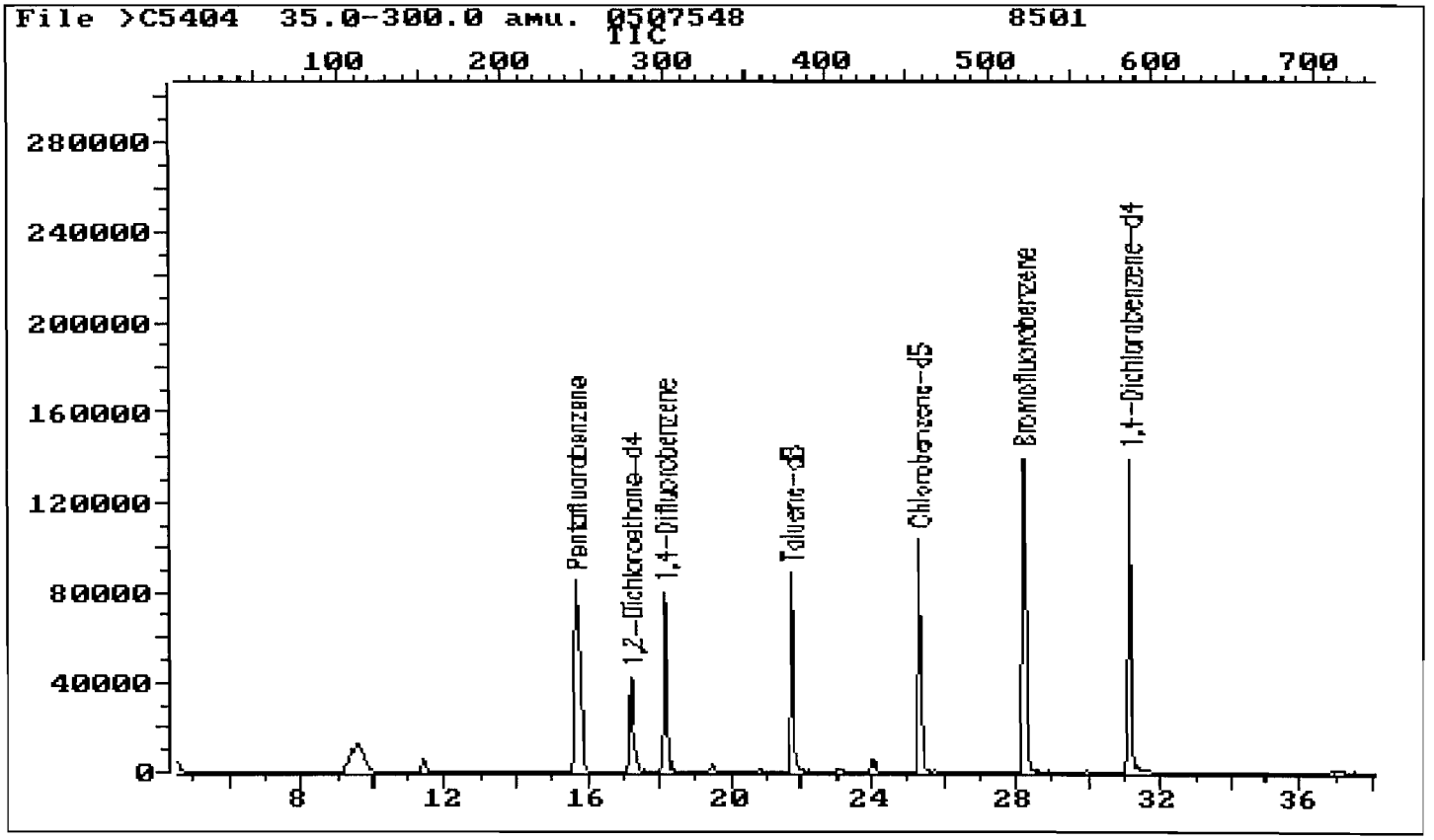
Operator ID: JOSE Quant Rev: 6 Quant Time: 050803 19:35
Output File: ^C5404::QT Injected at: 050803 18:56
Data File: >C5404::C2 Dilution Factor: 1.00000
Name: 0507548
Misc: 8501 RTPEA NS-2

ID File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*Pentafluorobenzene	15.69	246	229452	50.00	ug/l	95
24)	*1,4-Difluorobenzene	18.15	300	210011	50.00	ug/l	84
25)	1,2-Dichloroethane-d4	17.24	280	128425	54.79	ug/l	86
36)	Toluene-d8	21.75	379	195604	48.58	ug/l	91
42)	Bromofluorobenzene	28.26	522	170687M	51.89	ug/l	
43)	*Chlorobenzene-d5	25.34	458	174972	50.00	ug/l	100
55)	*1,4-Dichlorobenzene-d4	31.17	586	123964	50.00	ug/l	89

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >C5404::C2 Quant Output File: ^C5404::QT
Name: 0507548
Misc: 8501 RTPEA NS-2

Id File: IDCA28::D2
Title: Accredited Labs ID file for 8260
Last Calibration: 050630 14:43

Operator ID: JOSE
Quant Time: 050803 19:35
Injected at: 050803 18:56

[illegible]

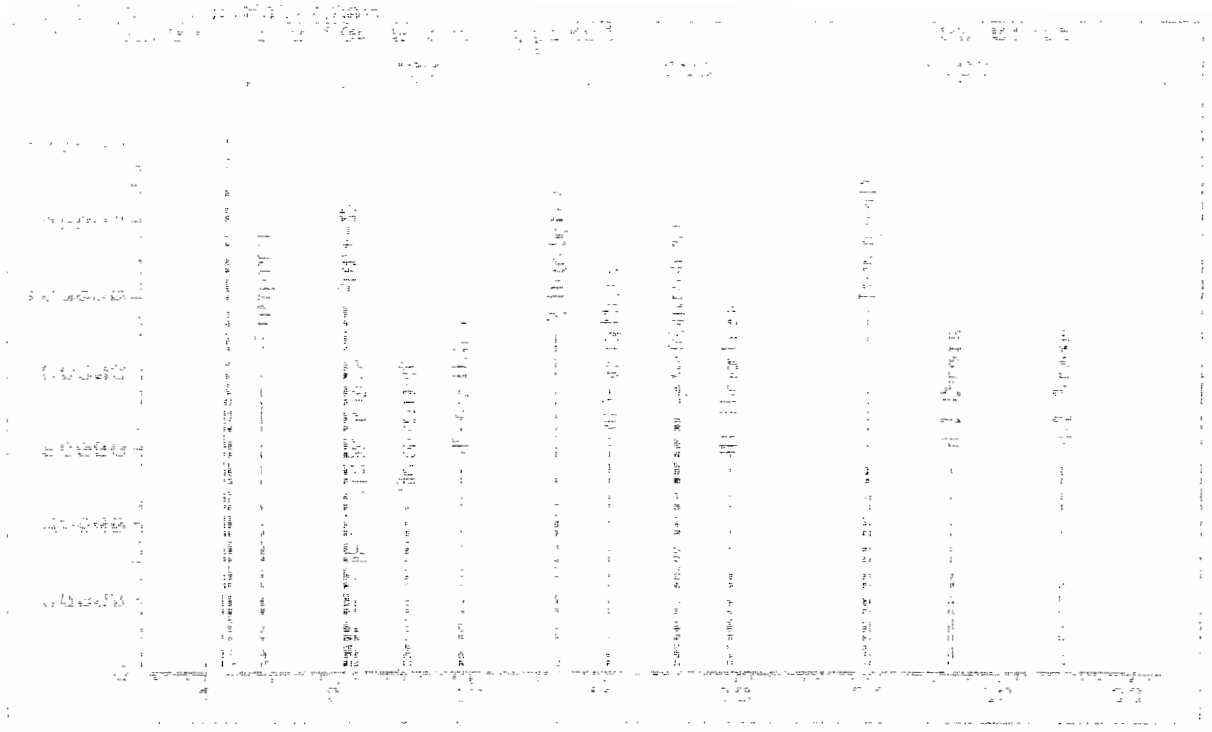
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Acq On : [illegible] Sample : [illegible] Misc : [illegible]
Operator : [illegible] ALS Vial : [illegible] Sample Multiplier: [illegible]
Quant Time: [illegible] Quant Results File: [illegible]
Method : [illegible] Quant Method : [illegible]
Title : [illegible] QLast Update : [illegible]

Response via : [illegible]
Data Path : [illegible] Data File : [illegible] Acq On : [illegible] Operator : [illegible] Sample : [illegible] Misc : [illegible] ALS Vial : [illegible] Sample Multiplier: [illegible]
Quant Time: [illegible] Quant Results File: [illegible] Quant Method : [illegible] QLast Update : [illegible] Response via : [illegible]
Title : [illegible]
Last Update: [illegible] Last Used Times [illegible]

Compound	[illegible]	[illegible]	Area	Conc	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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216

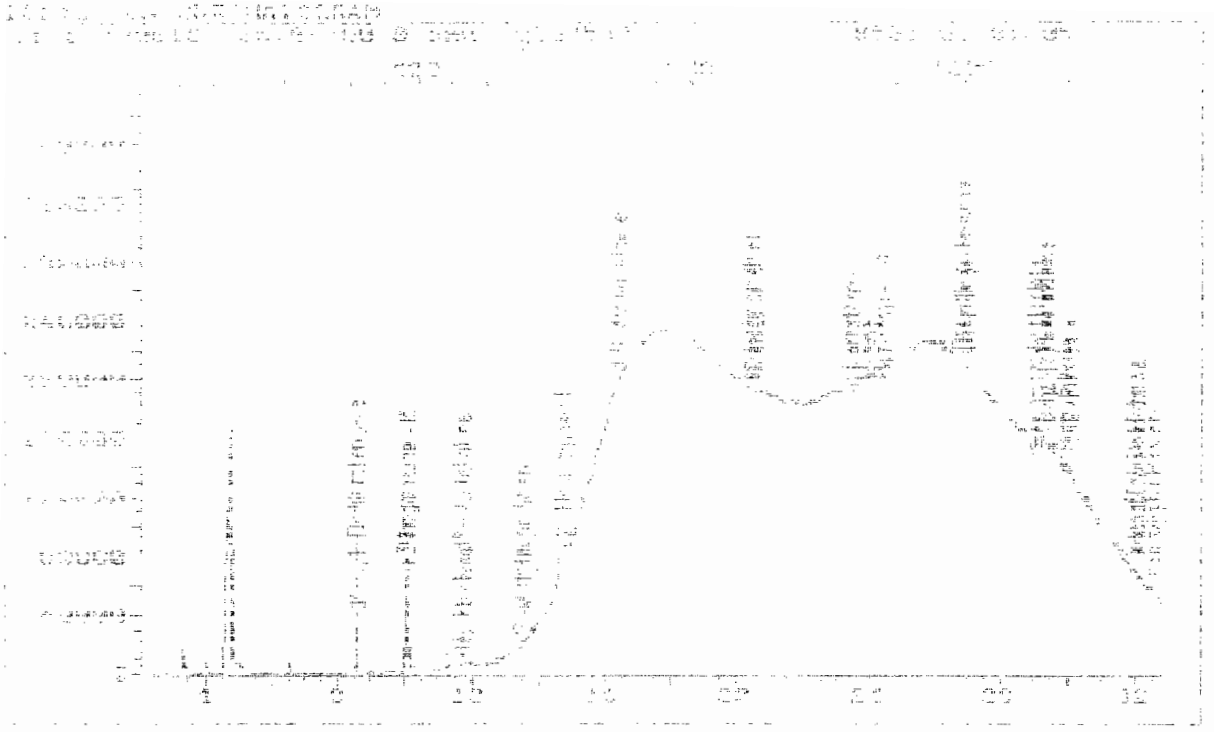


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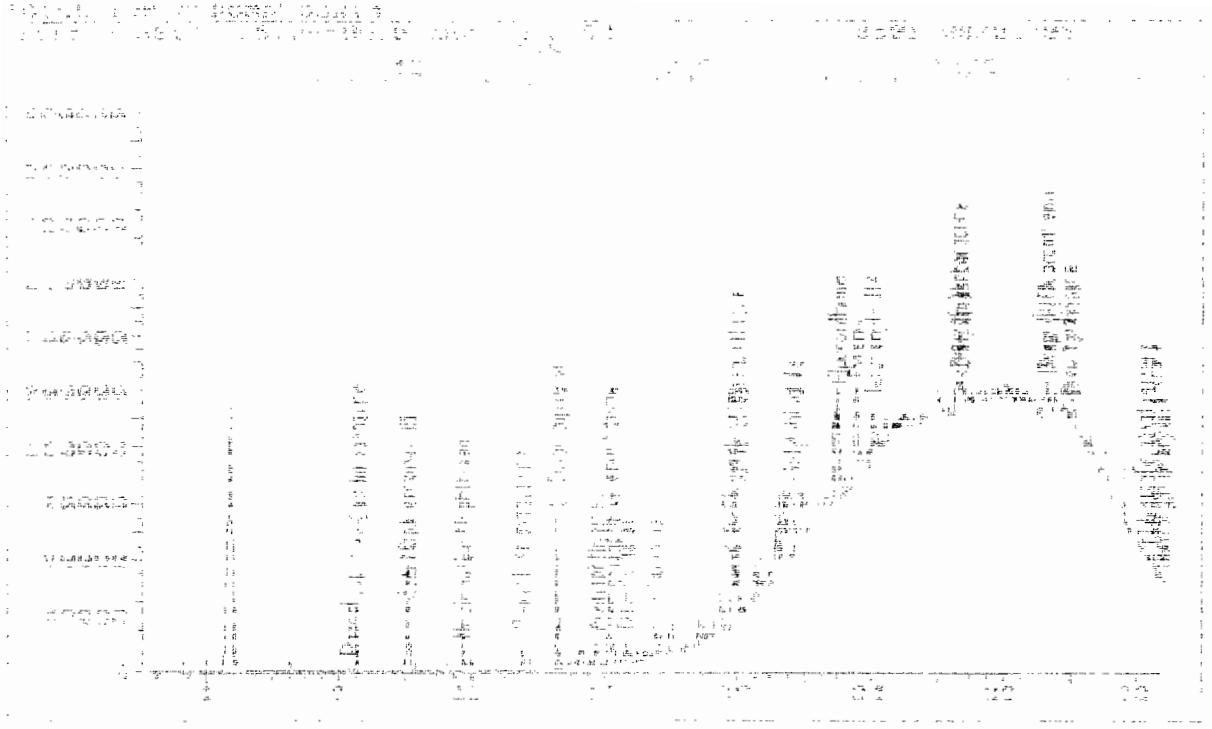


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Data File: B0529F16 Last Updated: 05/29/01 07:50 AM
Name: B0529F16 Dilution Factor: 1.00000
Misc: 05/29/01 08:01:20 BJP 8270 MS-7 Multiplier: 1.00

Quant Name: 8270.M
Purge: Analyzed Laboratories, Name/Number/Acid Identity File
Mass Calibration: 050729 07:58 Last Updated Time: 05/29/01 07:50

Compound	RT	Scan#	Area	Conc	Units	Q
(1) *1,4-Dichlorobenzene	5.94	500	16773	40.00	ug/L	94
(2) Phenol	5.43	299	2107	2.12	ug/L	9
(4) 2&3-Methylphenol	6.04	382	3894	5.24	ug/L	99
(5) *d8-Naphthalene	7.21	463	70594	40.00	ug/L	97
(10) Nitrobenzene-d5	8.01	484	48065	42.14	ug/L	87
(11) Naphthalene	8.24	445	13861	2.89	ug/L	98
(13) 2-Methylnaphthalene	9.04	551	9417	1.79	ug/L	94
(14) *d10-Acenaphthene	9.19	580	45015	40.00	ug/L	94
(15) 2-Fluoronaphenol	9.30	603	29059	28.61	ug/L	93
(16) Acenaphthylene	9.47	660	16749	7.51	ug/L	87
(17) Acenaphthene	9.71	694	23411	12.53	ug/L	99
(18) Dibenzofuran	9.91	703	18429	9.80	ug/L	87
(19) Fluorene	10.34	744	26691	12.04	ug/L	99
(20) *d10-Phenanthrene	10.91	760	80275	40.00	ug/L	100
(21) Phenanthrene	10.98	766	40010	21.12	ug/L	97
(22) Anthracene	11.04	810	12463	40.57	ug/L	81
(23) Di-n-Butylphthalate	11.82	950	8142	2.58	ug/L	90
(24) Fluoranthene	12.31	1016	33563	13.84	ug/L	92
(25) *d12-Chrysene	13.43	1141	25922	40.00	ug/L	100
(26) Pyrene	13.56	1041	30540	350.40	ug/L	82
(27) Terphenyl-d14	14.04	1064	109110	176.04	ug/L	100
(28) Benzo(a)Anthracene	14.61	1189	10769	115.14	ug/L	94
(29) Chrysene	14.67	1197	8347	140.21	ug/L	98
(30) *d12-Perylene	16.03	1554	10766	40.00	ug/L	100
(31) Benzo(b)fluoranthene	15.96	1512	40246	50.25	ug/L	96
(32) Benzo(k)Fluoranthene	15.98	1518	24457	103.45	ug/L	98
(33) Benzo(a)Pyrene	16.49	1574	12124	95.07	ug/L	93
(34) Indeno(1,2,3-cd)Pyrene	17.51	1674	14357	40.54	ug/L	94
(35) Dibenzo(a,h)Anthracene	17.58	1681	3929	11.42	ug/L	92
(36) Benzo(g,h,i)Perylene	17.74	1695	7463	21.44	ug/L	99

* Compound is ISTD

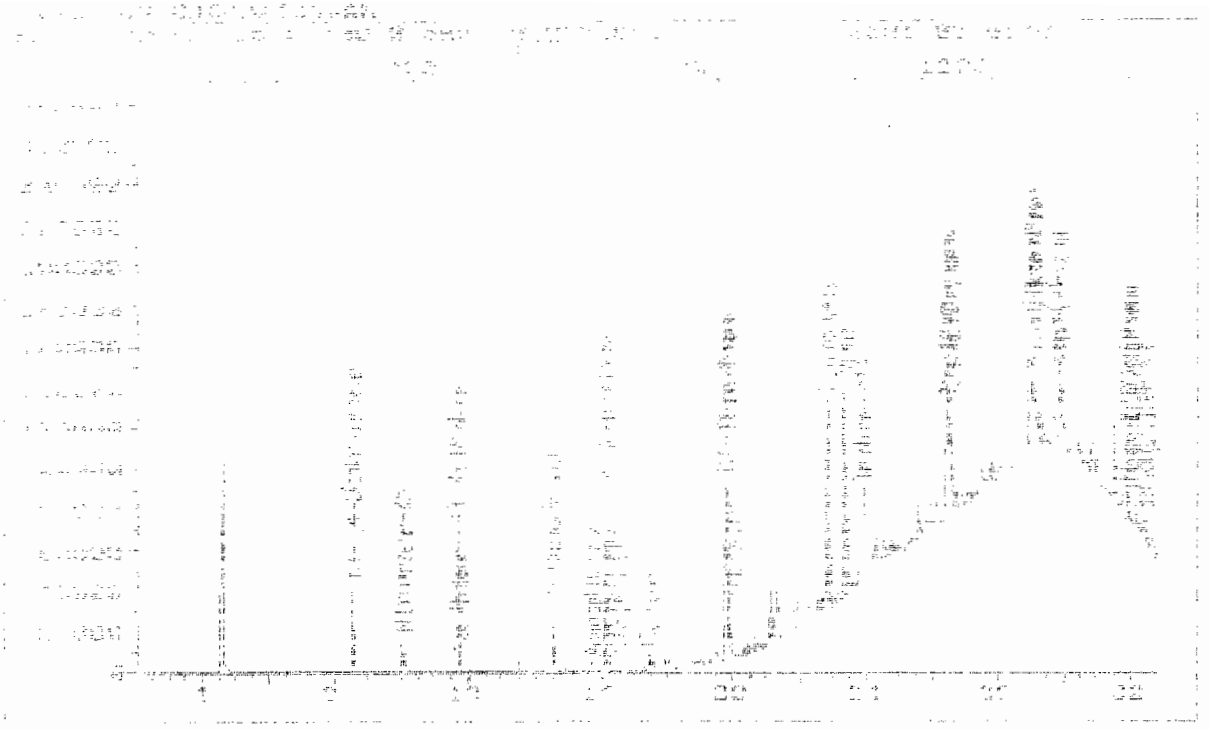


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ID: [illegible]
Initial Area: [illegible] Peak/Valley/Valley Identity Info
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	Compound	R.T.	Quant	Area	Conc		Q
1	*d4-1,4-Dichlorobenzene	8.57	302	16411	40.00	ng/l	96
2	*d8-Naphthalene	11.68	467	49069	40.00	ng/l	99
3	Nitrobenzene-d5	10.07	381	11267	15.04	ng/l	91
4	Naphthalene	11.27	464	7644	1.54	ng/l	99
5	2-Methylnaphthalene	14.10	579	45784	40.00	ng/l	97
6	2-Fluorobiphenyl	14.51	601	24353	19.28	ng/l	99
7	Acenaphthylene	15.65	643	4104	1.59	ng/l	87
8	Acenaphthene	16.16	482	4941	3.65	ng/l	99
9	2,6-Dinitrotoluene	16.[illegible]	705	8240	1.94	ng/l	97
10	Fluorene	17.07	741	5972	4.25	ng/l	99
11	d10-Phenanthrene	17.[illegible]	464	57024	40.00	ng/l	100
12	Phenanthrene	19.82	842	100439	35.59	ng/l	97
13	Anthracene	19.52	802	2540	2.94	ng/l	99
14	Diethylphthalate	20.85	1009	13958	18.84	ng/l	99
15	d12-Chrysene	26.49	1186	84286	40.00	ng/l	100
16	Pyrene	23.98	1035	141894	44.68	ng/l	96
17	Terphenyl-d14	28.91	841	64582	41.19	ng/l	97
18	Benzo(a)Anthracene	26.45	1180	20209	37.29	ng/l	99
19	Chrysene	26.55	1190	62056	31.71	ng/l	97
20	d12-Perylene	29.88	550	46693	40.00	ng/l	100
21	Bis(2-Ethylhexyl)Phthalate	29.0	1311	54252	22.82	ng/l	97
22	Benzo(b)Fluoranthene	29.07	1311	2981	19.84	ng/l	98
23	Benzo(k)Fluoranthene	29.26	1344	4154	11.92	ng/l	99
24	Indeno(1,2,3-cd)Pyrene	33.97	1451	19489	9.98	ng/l	100
25	Dibenz(a,h)Anthracene	33.95	1450	8700	4.25	ng/l	97
26	Benzo(g,h,i)Perylene	32.42	1373	12425	5.39	ng/l	96

* Compound is [illegible]



Data Path:

Data File:

Report Info

Operator:

Sample Info

Misc Info:

Vial Number:

Data Acquired:

Method:

Quant Time:

Quant Method:

Quant Title:

QLast Update:

Response via:

Compound Sublist:

Integrator:

Quant Results File:

Sample Multiplier:

Purge Volume:

Dilution Factor:

Internal Standards

Compound

R.T.

Response

Conc

Units

Q

1) d4-1,4-Dichlorobenzene

8.53

13577

40.00

ng/l

2) 2-Methylphenol

10.05

3324

5.50

ng/l

3) 2,6-Naphthalene

11.70

32612

40.00

ng/l

4) Nitrobenzene-d5

10.07

36832

58.44

ng/l

5) Naphthalene

11.28

8080

2.15

ng/l

6) 2-Methylnaphthalene

13.49

3779

2.84

ng/l

7) d-10-Acenaphthene

14.12

37496

40.00

ng/l

8) 2-Fluorobiphenyl

14.55

79984

76.20

ng/l

9) Acenaphthylene

15.21

8591

5.66

ng/l

10) Acenaphthene

16.18

3752

3.42

ng/l

11) Dibenzofuran

16.59

9145

2.01

ng/l

12) Fluorene

17.45

4578

3.48

ng/l

13) d10-Phenanthrene

19.80

71367

40.00

ng/l

14) Phenanthrene

19.86

25450

37.27

ng/l

15) Anthracene

19.96

19606

2.71

ng/l

16) Fluoranthene

22.12

12189

40.07

ng/l

17) d12-Chrysene

24.51

50405

40.00

ng/l

18) Pyrene

24.81

122218

45.29

ng/l

19) p-Terphenyl-d14

25.37

147660

104.25

ng/l

20) Benzo(a)Anthracene

28.45

54555

27.85

ng/l

21) Bis(2-Ethylhexyl)Phthalate

13.60

12480

8.96

ng

22) Chrysene

28.52

84548

39.85

ng/l

23) d12-Perylene

31.87

24912

40.00

ng/l

24) Benzo(b)Fluoranthene

29.87

265214

37.2

ng/l

25) Benzo(k)Fluoranthene

29.93

144196

38.48

ng/

26) Benzo(a)Pyrene

30.33

76302

15.55

ng/l

27) Indeno(1,2,3-cd)Pyrene

32.97

30027

12.18

ng/l

28) Dibenz(a,h)Anthracene

33.15

7664

3.40

ng/l

29) Benzo(g,h,i)Perylene

34.27

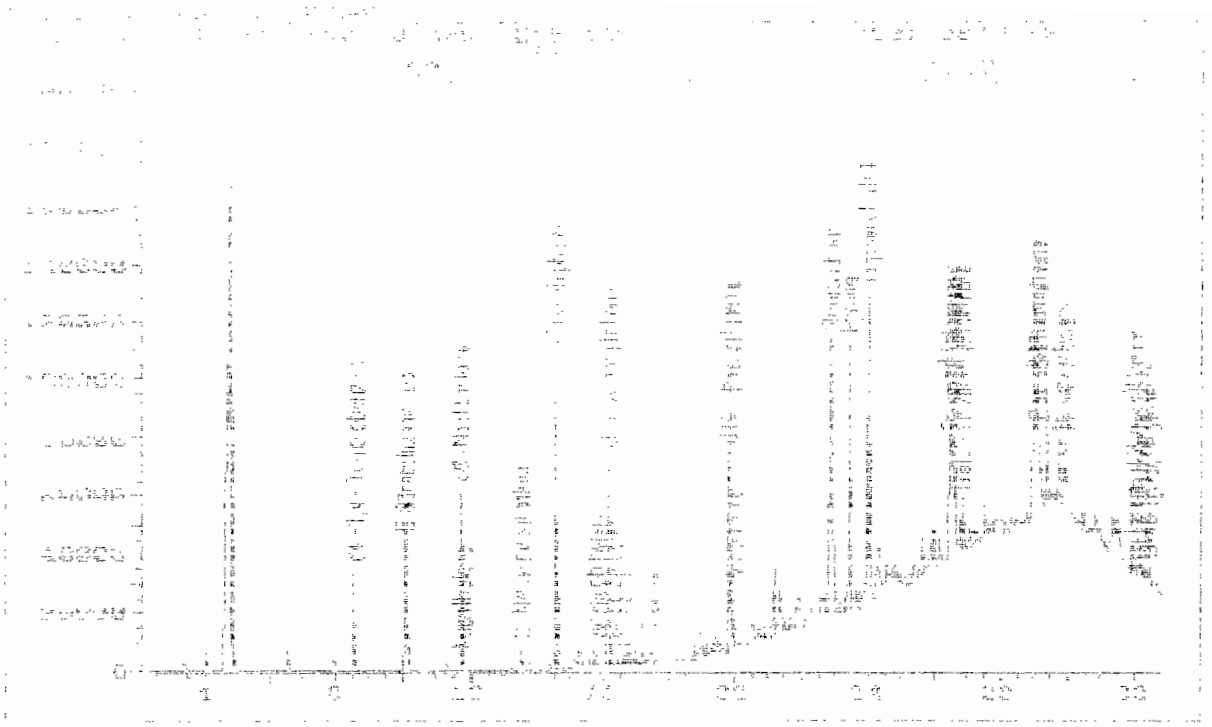
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ng/l

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224



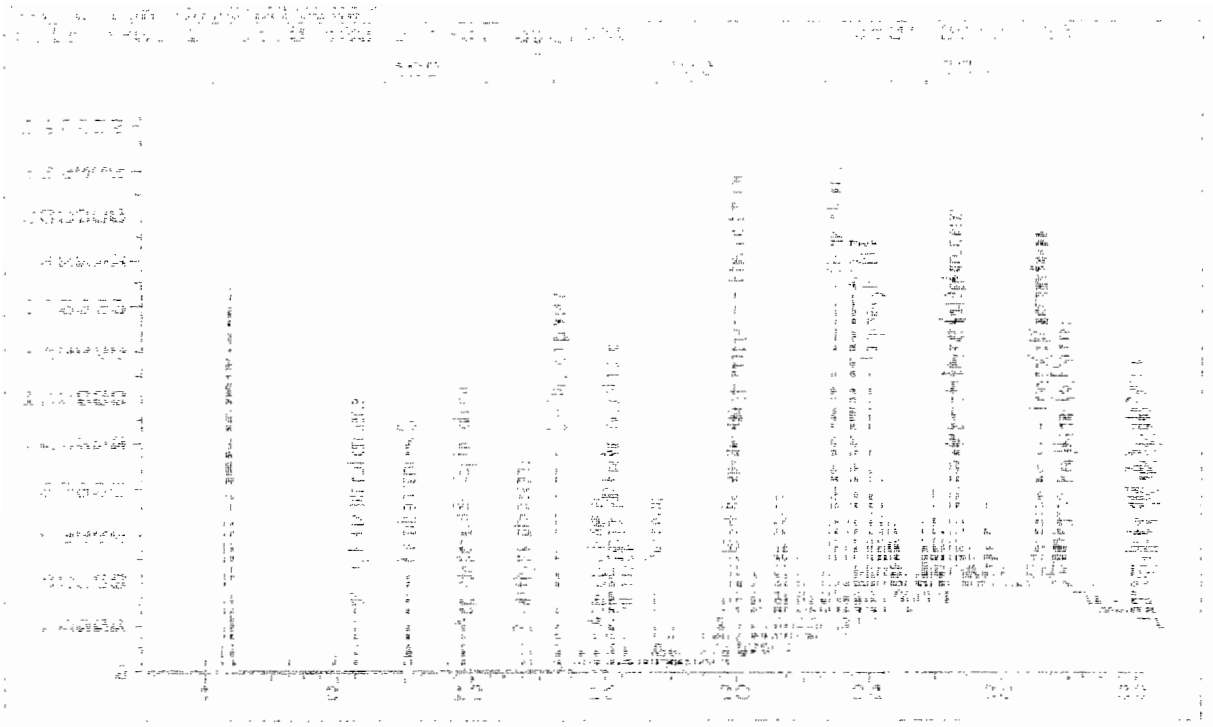
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Compound	R.T.	Scan#	Area	Conc.	Ref.	%
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[illegible]-Dichlorobenzene	8.77	501	12544	40.00	ng/l	94
1,4-Naphthalene	11.16	369	50442	40.00	ng/l	95
Nitrobenzene-d5	10.80	382	42050	54.28	ng/l	94
Naphthalene	11.74	445	12435	9.18	ng/l	98
2-Methylnaphthalene	12.49	551	6432	5.14	ng/l	96
2-Fluorobiphenyl	12.11	480	54079	40.00	ng/l	98
[illegible]	14.15	593	50034	49.54	ng/l	93
Acenaphthylene	15.21	640	13940	8.15	ng/l	89
Acenaphthene	15.38	646	24848	22.42	ng/l	94
Dibenzofuran	16.51	693	45005	15.61	ng/l	92
Fluorene	17.47	734	26648	21.12	ng/l	93
4,6-Dinitro-2-methylphenol	19.80	840	6947	40.00	ng/l	100
Diphenylamine	19.92	845	52481	175.28	ng/l	94
4-Bromophenyl-phenylether	20.70	878	85890	23.41	ng/l	97
Hexachlorobenzene	20.97	889	40115	132.84	ng/l	96
Atrazine	21.57	915	65943	60.00	ng/l	100
Phenanthrene	21.48	1040	419977	149.50	ng/l	87
Anthracene	21.70	1045	25979	115.34	ng/l	95
Di-n-butylphthalate	23.51	1111	213946	144.82	ng/l	96
Fluoranthene	24.63	1164	124414	150.22	ng/l	94
Benzidine	25.45	1203	21061	24.00	ng/l	91
Pyrene	25.70	1214	171600	125.00	ng/l	96
Butylbenzylphthalate	26.50	1252	15140	1.15	ng/l	94
3,3'-Dichlorobenzidine	26.44	1249	89794	117.00	ng/l	94
Benzo(a)anthracene	27.96	1321	50141	59.27	ng/l	98
Chrysene	28.01	1323	45943	58.37	ng/l	98
bis(2-Ethylhexyl)phthalate	29.10	1374	171600	125.00	ng/l	96
Di-n-octylphthalate	29.80	1410	59440	1.15	ng/l	94
Benzo(b)fluoranthene	30.24	1429	89794	117.00	ng/l	94
Benzo(k)fluoranthene	30.30	1431	50141	59.27	ng/l	98
Benzo(a)pyrene	31.06	1467	45943	58.37	ng/l	98
Indeno(1,2,3-cd)pyrene	33.96	1605	35138	44.82	ng/l	94
Dibenz(a,h)anthracene	34.15	1614	6747	8.60	ng/l	94
Benzo(g,h,i)perylene	34.54	1632	8111	10.40	ng/l	94

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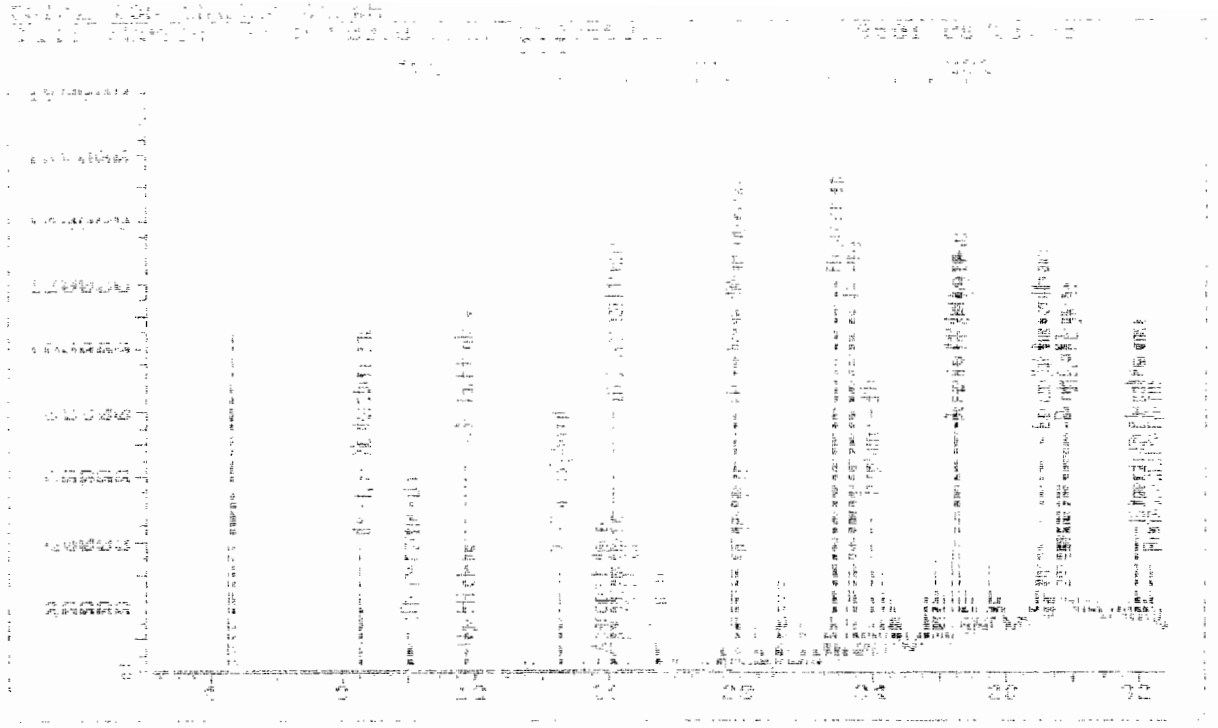


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1,4-Dichlorobenzene-d4	8.92	102	157477	40.00	ng/l	0
2-Methylnaphthalene-d10	11.49	142	244435	40.00	ng/l	0
Nitrobenzene-d5	10.01	65	99387	34.12	ng/l	0
Naphthalene	11.77	164	3093	1.53	ng/l	1
Acenaphthene-d10	14.10	162	81520	40.00	ng/l	0
4-Fluorobiphenyl	13.97	172	73189	39.95	ng/l	0
Acenaphthylene	14.45	150	[illegible]	1.44	ng/l	82
Acenaphthene	14.74	153	5784	4.31	ng/l	94
Dibenzofuran	16.57	168	[illegible]	2.34	ng/l	0
Fluorene	17.40	166	8491	4.38	ng/l	99
4,6-Dinitro-2-methylphenol	14.72	198	89011	40.00	ng/l	100
Diphenylamine	19.84	169	114116	46.37	ng/l	96
4-Bromophenyl-phenylether	19.97	248	26804	11.03	ng/l	99
Hexachlorobenzene	22.87	284	17663	8.50	ng/l	95
Atrazine	23.45	200	66364	40.00	ng/l	100
Pentachlorophenol	24.12	266	16045	59.41	ng/l	84
Phenanthrene-d10	24.97	188	81656	20.00	ng/l	0
Phenanthrene	25.01	178	85758	27.08	ng/l	97
Anthracene	25.10	178	82094	27.54	ng/l	99
Di-n-butylphthalate	27.82	149	78624	40.00	ng/l	100
Fluoranthene	29.03	202	21697	26.96	ng/l	0
Benzo(k)fluoranthene	29.03	252	47001	23.64	ng/l	0
Benzo(a)pyrene	29.70	252	41629	14.25	ng/l	0
Indeno(1,2,3-cd)Pyrene	31.42	276	48867	11.14	ng/l	0
Dibenzo(a,h)Anthracene	31.52	278	17223	9.49	ng/l	87
Benzo(g,h,i)Perylene	31.97	276	7141	5.50	ng/l	0

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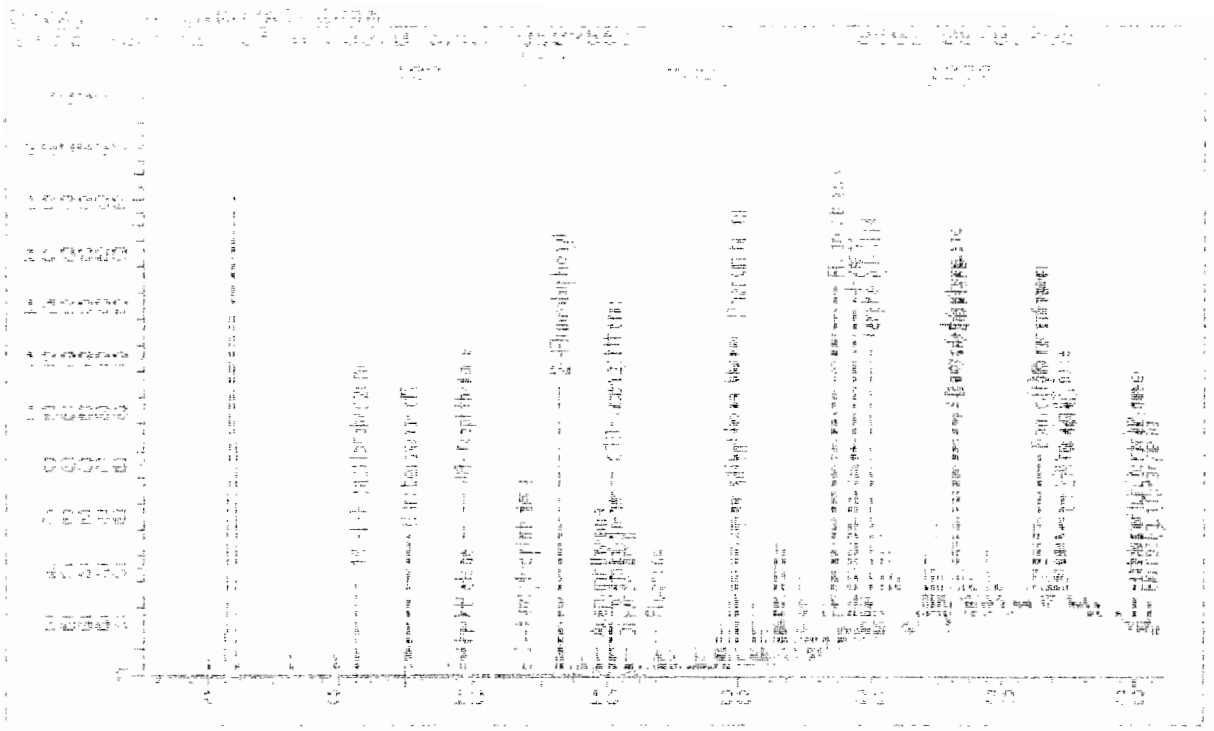


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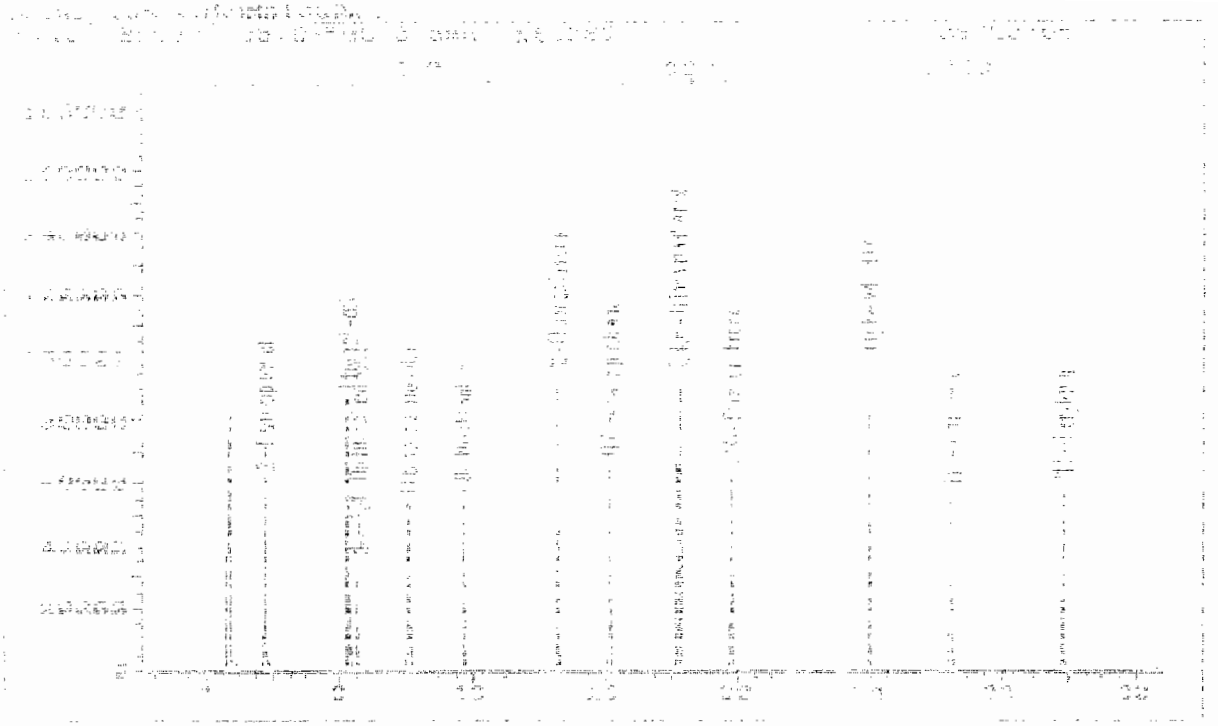
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[illegible]

[illegible]

Compound	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]



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Sample : [illegible] Inst : [illegible] Multiplier: 1.00
Misc : [illegible] ALS Vial : [illegible] Sample Multiplier: 1.00

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Quant Method : [illegible]
Quant Title : [illegible]
QLast Update : [illegible]
Response via : [illegible]

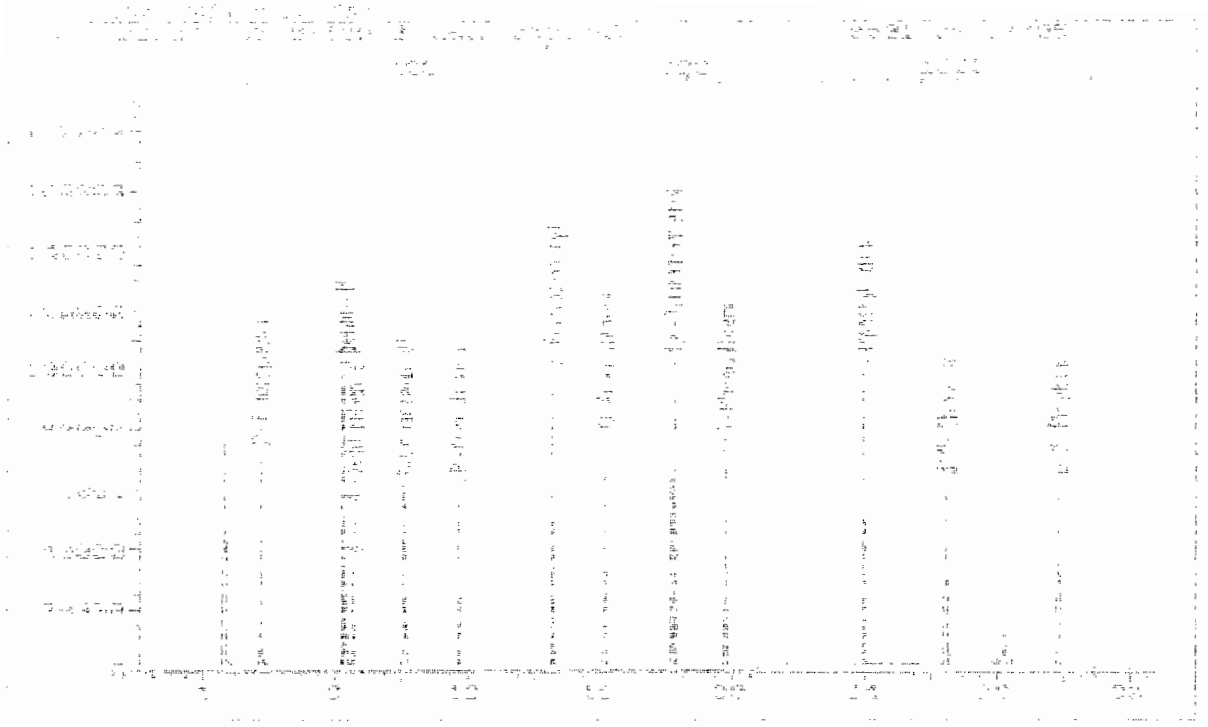
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Misc : [illegible]
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Integrated By : [illegible]
Quant Results File : [illegible]
Quantitation Report : [illegible]
Instrument ID: [illegible]
RTI #10

Method : [illegible]
Title : Accredited Laboratories, Kansas/Nebraska Solid Underlined Title
Last Calibration: 050727 02:54
Last Qual Time: 050801 12:20

Compound	RT	Area%	Area	Conc	Units	Q
1,4-Dichlorobenzene-d4	9.52	4014	113437	40.00	ng/l	78
2-Fluorophenol	9.74	3419	96587	132.49	ng/l	100
Phenol-d5	12.11	2994	82474	136.60	ng/l	92
2,6-Naphthalene	14.27	4663	130860	40.00	ng/l	97
Nitrobenzene-d5	14.47	3315	92813	24.11	ng/l	100
2,4,6-Tribromophenol	17.12	4880	134256	40.00	ng/l	95
2-Fluorobiphenyl	18.57	4064	112990	23.67	ng/l	96
2,4,6-Tribromophenol	20.18	1951	47254	174.85	ng/l	99
4,6-Dinitro-2-methylphenol	21.27	4660	126198	40.00	ng/l	100
Anthracene	23.24	4182	115297	40.00	ng/l	100
Terphenyl-d14	24.71	3864	106410	81.45	ng/l	97
Perylene	31.31	3452	70644	40.00	ng/l	100

* Compound is ISTD



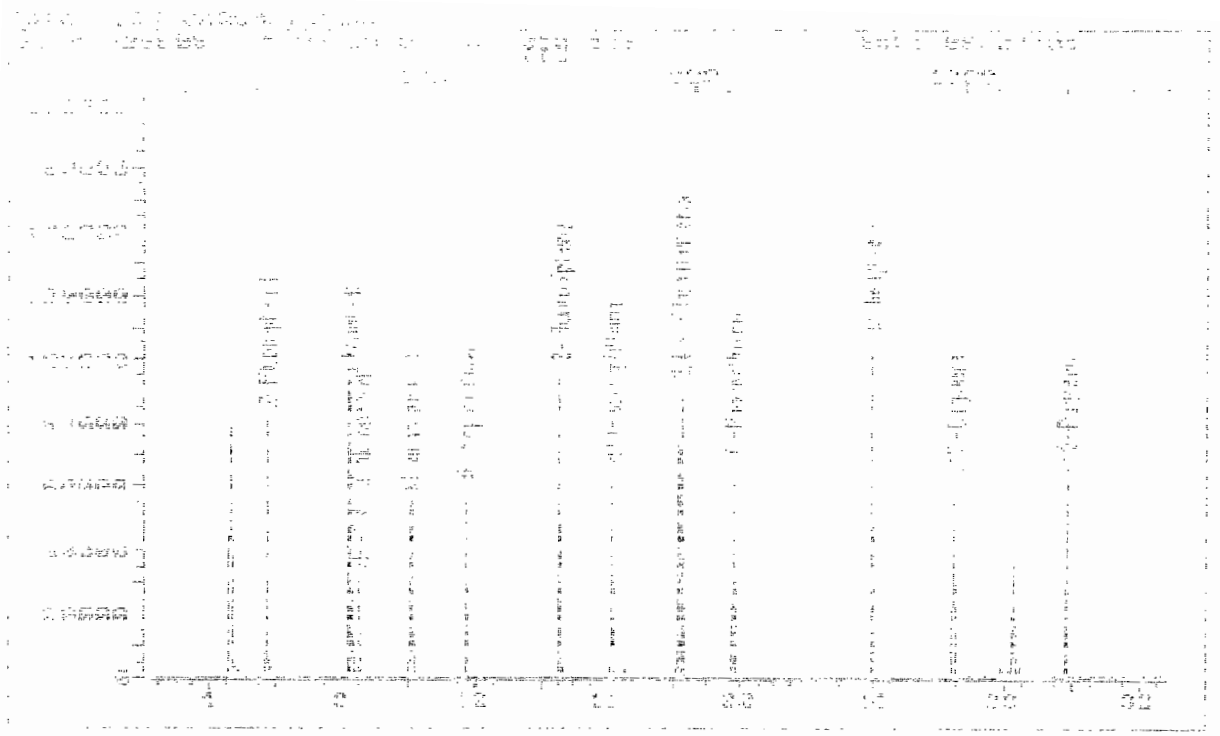
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Data File: ...
Acq On: ... Operator: ...
Sample: ... Inst: ...
Misc: ... MS Integration Params: ...
Quant Time: ... Quant Method: ...
Quant Title: ...
QLast Update: ... Response via: ...
DataAcq Meth: ...

Total Area: ... Total Height: ...
Processing Integration Events: ...
Amount Internal Standard: ... Recovery: ...
Last Quant Time: ... Quant Results File: ...

Compound	R.T.	Scan#	Area	Conc.	Units	Q
1) cis-1,4-Dichloro-2-butene	8.52	508	11644	4.00	ug/l	99
2) 2-Fluorophenol	8.70	549	56529	192.26	ug/l	100
3) Phenol-d5	8.94	594	76974	198.91	ug/l	97
4) 1,4-Naphthalene	11.70	668	48483	40.00	ug/l	99
5) Nitrobenzene-d5	10.04	624	41393	42.59	ug/l	94
6) cis-1,4-Dichloro-2-butene	14.12	880	31059	40.00	ug/l	95
7) 2-Fluorobiphenyl	14.45	913	46391	44.34	ug/l	92
8) 2,4,6-Tribromophenol	18.18	1281	25484	180.05	ug/l	97
9) p-Terphenyl-d14	19.22	1352	62404	40.00	ug/l	100
10) Hexachlorobutadiene	16.46	1187	66000	40.00	ug/l	100
11) Terphenyl-d14	20.94	1644	122648	81.64	ug/l	90
12) cis-Perylene	29.82	2357	69128	40.00	ug/l	100

(#) Compound is ISTD



P.W. GROSSER
CONSULTING, INC

P.W. GROSSER
CONSULTING
ENGINEER &
HYDROGEOLOGIST, PC

630
JOHNSON
AVENUE
SUITE 7

BOHEMIA

NEW YORK

11716-2618

PHONE:
631-589-6353

FAX:
631-589-8705

VISIT US AT:
www.pwgrosser.com

April 19, 2006

RECEIVED
OCT 18 2006
NYS DEC REGION 2
DIV. OF ENVIRONMENTAL REMEDIATION

Mr. Doug Rice
New York City Industrial Development Agency
c/o Mr. Robert Morel
City One Real Estate
236 Greenpoint Avenue
Brooklyn, NY 11222

Re: Groundwater Sampling Report - 269 Freeman Street, Brooklyn, New York

Dear Mr. Rice:

PW Grosser Consulting, Inc. (PWGC) has prepared the following Groundwater Sampling Report to summarize the findings of our recent groundwater investigation at the site. The objective of the investigation was to more accurately characterize groundwater quality beneath the site, specifically for the presence of inorganics (metals). The work was performed in response to a previous site-wide Phase II Environmental Site Assessment (ESA) report prepared by RTP Environmental Associates, Inc. (RTP) which reported elevated inorganic metal concentrations in groundwater at two neighboring parcels. The following report also serves to clarify the sampling locations performed by RTP as part of their Phase II ESA.

BACKGROUND

The Phase II ESA performed by RTP identified the presence of several semi-volatile organic compounds and inorganic metals in the soil beneath the site resulting from contaminated historic fill. Additionally, several metals were detected in two groundwater samples collected by RTP at concentrations exceeding current New York State Department of Environmental Conservation (NYSDEC) groundwater standards as shown in the following table.

Analyte	NYSDEC Groundwater Standard (ug/l)	NS-1W (ug/l)	NS-4W (ug/l)
Antimony	.003	**0.0147**	**.0175**
Arsenic	.025	**.351**	**.238**
Beryllium	.003	**.00974**	**.0118**
Cadmium	.005	U	**.531**
Chromium	.050	**.264**	**1.350**
Copper	.200	**1.030**	**8.610**
Lead	.025	**6.600**	**17.300**
Mercury	.0007	**.0177**	**.031**
Nickel	.100	**.258**	**.596**
Silver	.050	U	.0144
Zinc	2	**5.940**	**69.700**

Bolding indicates concentration in excess of standard

ACEC

The locations of RTP's sampling points were not clearly identified in their Phase II report, however written descriptions were provided in the text of the report. Based upon these descriptions, PWGC has estimated the locations of the groundwater as well as the soil samples from the RTP Phase II which are depicted in the attached figure.

As depicted in the figure, the two groundwater samples collected by RTP were collected from neighboring properties and not the subject property. Further, in their report, RTP acknowledges that the groundwater samples they collected were "very turbid" which would result in the metals present in the soil at the site showing up in the groundwater sample results. This is a very common occurrence and is commonly misinterpreted as a groundwater contamination issue when, in reality, the metal compounds detected in the groundwater are the result of interference from soil/sediment particles in the sample and not representative of dissolved metal concentrations.

GROUNDWATER SAMPLING PROGRAM

In an effort to better characterize the quality of the groundwater at the site, PWGC performed a groundwater sampling program consisting of the collection and laboratory analysis of groundwater samples from five soil borings performed at the site. The primary objective of the groundwater sampling was to re-evaluate the groundwater quality using both filtered and unfiltered samples. Because the previous groundwater characterization effort performed by RTP was run on "very turbid" samples, the likelihood that the metal concentrations they detected in their samples resulted from the turbidity, is high. As previously stated, turbid samples typically result in the detection of metal compound concentrations resulting from metal compounds adhered to sediment particles and not dissolved in groundwater. Therefore, the comparison of filtered and unfiltered sample results was recommended to provide a more accurate reflection of dissolved groundwater quality at the site.

Sampling was performed using direct push technology (Geoprobe). At each of the proposed sampling locations, a soil boring was advanced to the top of the groundwater table which was encountered at approximately ten feet below grade. Soil samples were collected continuously from grade, characterized, and field screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID). Consistent with what had been reported by RTP in their Phase II ESA report, subsurface soils encountered consisted primarily of a sandy fill material comprised of brick, concrete, etc. No PID responses above background, discoloration or obvious odors were observed.

Groundwater samples were collected from upgradient and downgradient positions at the site as depicted in the attached figure. The estimated groundwater flow direction for this area of Brooklyn is in a north easterly direction per the *Water Table Altitude in Kings and Queens Counties, New York in March 1997, United States Geological Survey Fact Sheet FS 134-97, November 1997.*

Two groundwater samples from each boring were retained for laboratory analysis to accommodate a filtered and unfiltered analysis for total metals. Groundwater samples were submitted to American Analytical Laboratories, Farmingdale, New York, a New York State Department of Health ELAP-certified laboratory to be analyzed for total metals. Filtering was performed in the laboratory by American Environmental Laboratories technicians. The resulting data is presented in the attached summary table. The dissolved sample results represent the filtered samples.

PWGC
Strategic Environmental & Engineering Solutions

As presented in the attached table, the unfiltered sample results reported several metals, including those reported by RTP, at concentrations that exceed their respective NYSDEC groundwater standards. With the exception of manganese, magnesium and sodium, the filtered sample results reported metal concentrations below their respective NYSDEC groundwater standards. The manganese, magnesium and sodium are naturally occurring metal compounds that are part of the total metals analysis. These metals are regulated by secondary groundwater standards and guidance values that are based upon taste and aesthetics (its ability to stain plumbing fixtures) and not on toxicity and is therefore of no concern from an environmental impact standpoint. Further, the elevated sodium levels reflect a saline or brackish water source, likely resulting from tidal influences from the nearby Newtown Creek surface water body. The presence of these metals in the filtered samples is of little concern with respect to the environmental integrity of the property and would not trigger a regulatory response from the NYSDEC.

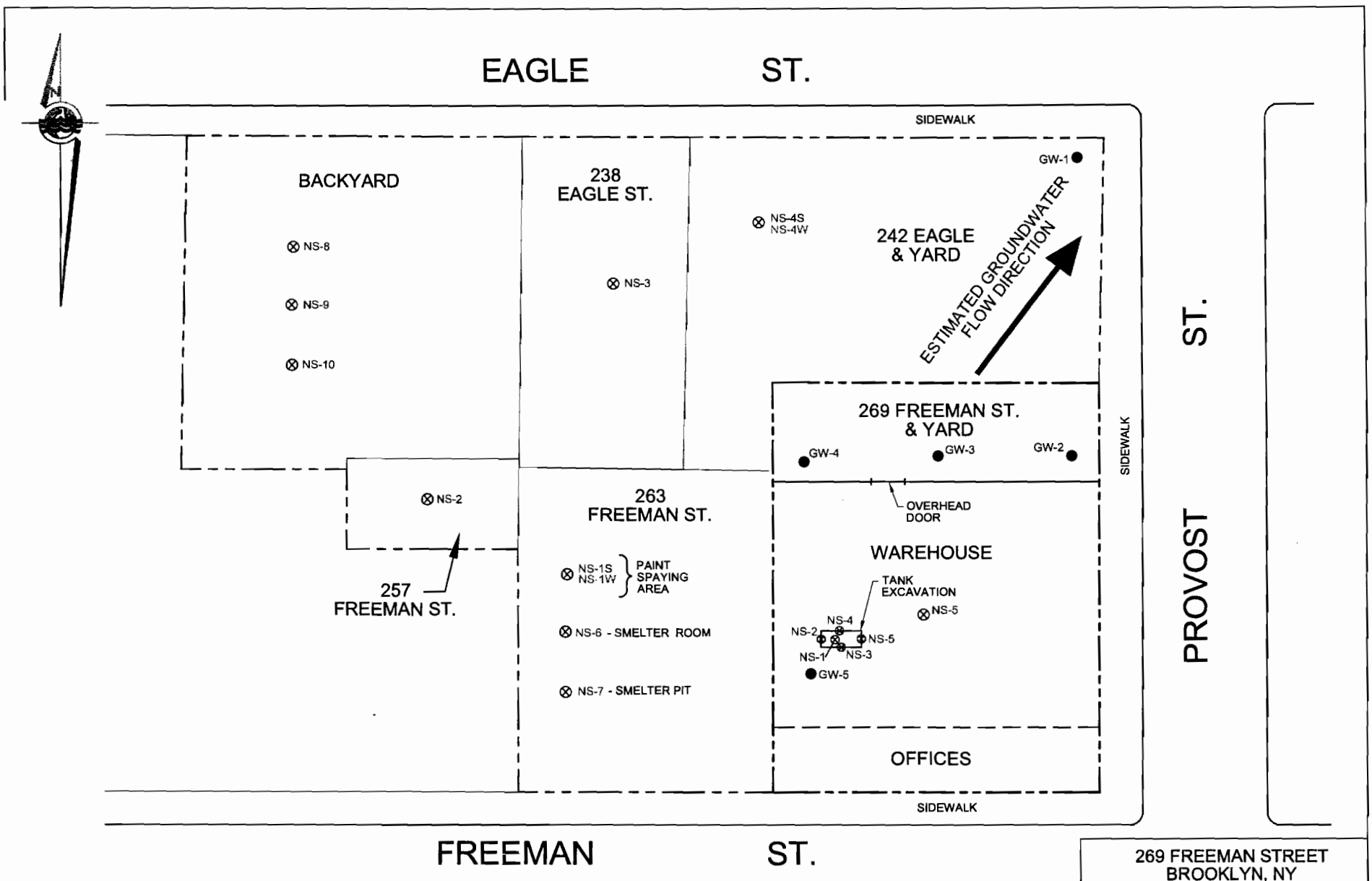
In summary, the elevated metal concentrations reported in the RTP Phase II ESA report resulted from the presence of sediment particles in the groundwater samples and are not representative of a groundwater contamination issue. Comparison of the filtered and unfiltered groundwater sample analyses performed by PWGC supports this assertion. Based upon this information, the groundwater beneath the site does not appear to have been impacted by past site operations and would not require further assessment.

Please call if you have any questions or would like to discuss the project further. I look forward to hearing from you.

Very truly yours,
P.W. Grosser Consulting, Inc.

Frank Castellano
Vice President

cc: Aleta



SITE PLAN

SCALE: 1" = 40'

BASEMAP PROVIDED BY:
RTP ENVIRONMENTAL ASSOCIATES, INC.
239 U.S. HIGHWAY 22
GREEN BROOK, NJ 08812
PHASE II
ENVIRONMENTAL SITE ASSESSMENT REPORT
NEY SMELTING & REFININE CO. INC.
269 FREEMAN STREET
BROOKLYN, NY

LEGEND

- NS-1S ⊗ APPROXIMATE SOIL SAMPLE LOCATIONS PERFORMED BY: RTP ENVIRONMENTAL
- NS-1W APPROXIMATE GROUNDWATER SAMPLE LOCATIONS PERFORMED BY: RTP ENVIRONMENTAL
- GW-4 ● PWGC GROUNDWATER SAMPLE LOCATIONS

269 FREEMAN STREET
BROOKLYN, NY

PWGC
Strategic Environmental & Engineering Solutions
630 Johnson Ave. Suite 7 Bohemia, N.Y. 11716-2618
Ph: 631 589-6353 Fx: 631 589-6705 E-mail: info@pwgroesser.com

Project	Designed by	Figure No.
AII0501	FPC	1
CAD Operator	Approved by	Date
LLG	PWG	03/14/06

Table 1
269 Freeman Street
Brooklyn, NY

Groundwater Analytical Results for Target Analyte List Metals

Compound	NYSDEC Groundwater Standards**	GW-1 (unfiltered)	GW-1 Dissolved (filtered)	GW-2 (unfiltered)	GW-2 Dissolved (filtered)	GW-3 (unfiltered)	GW-3 Dissolved (filtered)	GW-4 (unfiltered)	GW-4 Dissolved (filtered)	GW-5 (unfiltered)	GW-5 Dissolved (filtered)
Target Analyte List Metals mg/L											
Aluminum as Al	NS	234	0.0224	208	0.0443	61.9	0.0586	123	0.0187J	66.6	0.0287
Antimony as Sb	0.003	**0.0942**	<0.025	**0.157**	<0.025	**0.0479**	<0.025	**0.0416**	<0.025	**0.118**	<0.025
Arsenic as As	0.025	**0.429**	<0.025	**0.638**	<0.025	**0.625**	<0.025	**1.31**	<0.025	**1**	<0.025
Barium as Ba	1.000	**3.01**	0.104	**18.2**	0.169	**1.96**	0.174	**11.6**	1.4	**2.63**	0.363
Beryllium as Be	0.003	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Cadmium as Cd	0.005	**0.138**	<0.010	**0.0813**	<0.010	**0.0402**	<0.010	**0.0542**	<0.010	**0.09**	<0.010
Calcium as Ca	NS	3150	111	1030	133	217	138	264	127	376	165
Chromium as Cr	0.050	**0.451**	<0.020	**1.16**	<0.020	**0.268**	<0.020	**0.969**	<0.020	**0.471**	<0.020
Cobalt as Co	NS	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Copper as Cu	0.200	**6.21**	<0.020	**5.45**	0.00872J	**1.09**	<0.020	**2.28**	<0.020	**1.56**	<0.020
Iron as Fe	0.500	**714**	0.0174J	**864**	0.0297	**228**	0.0309	**1050**	0.222	**640**	0.0858
Lead as Pb	0.025	**14.4**	<0.015	**15.9**	<0.015	**2.3**	<0.015	**10.4**	<0.015	**3.67**	<0.015
Magnesium as Mg	35*	**366**	16.7	**66.8**	19.2	18.6	18.9	**36.5**	27.4	**46.1**	**54.9**
Manganese as Mn	0.300	**14**	**0.322**	**13.1**	**0.308**	**1.31**	0.0539	**11.6**	0.249	**4.29**	0.199
Mercury as Hg	0.0007	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel as Ni	0.100	**0.615**	0.00545J	**1.3**	0.00912J	**0.438**	0.00845J	**1.21**	0.00516J	**3.55**	0.027
Potassium as K	NS	56	14.1	83.6	35.4	39.8	40.1	47.1	38.2	44.8	45.1
Selenium as Se	0.010	**0.141**	<0.010	<0.010	<0.010	**0.102**	<0.010	<0.010	<0.010	**0.125**	<0.010
Silver as Ag	0.050	0.0497	<0.020	0.0209	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Sodium as Na	20	**114**	**53.1**	**97.1**	**87.1**	**64.7**	**75.6**	**105**	**114**	**127**	**147**
Thallium as Tl	0.0005*	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Vanadium as V	NS	0.565	<0.020	0.977	<0.020	0.324	<0.020	0.465	<0.020	0.362	<0.020
Zinc as Zn	2	**43.6**	0.0118J	**21.7**	0.0462	**7.74**	0.0865	**60.9**	0.0147J	**16.7**	0.0873

Notes:
* - Guidance Value
** - New York State Ambient Water Quality Standards
Bold text denotes concentrations exceeding NYSDEC Groundwater Standards
J - Laboratory Qualifier - Estimated Value
NS - No Standard

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, April 13, 2006

Frank Castellano
P.W. Grosser Consulting
630 Johnson Avenue
Suite 7
Bohemia, NY 11716

TEL: (631) 589-6353
FAX (631) 589-8705

RE: 269 Freeman St. Brooklyn, N.Y.

Order No.: 0604007

Dear Frank Castellano:

American Analytical Laboratories, LLC. received 5 sample(s) on 4/3/2006 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

RECEIVED APR 17 2006

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT: P.W. Grosser Consulting
Project: 269 Freeman St. Brooklyn, N.Y.
Lab Order: 0604007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0604007-01A	GW-1	8166	4/3/2006 10:55:00 AM	4/3/2006
0604007-01B	GW-1	8166	4/3/2006 10:55:00 AM	4/3/2006
0604007-02A	GW-2	8166	4/3/2006 10:35:00 AM	4/3/2006
0604007-02B	GW-2	8166	4/3/2006 10:35:00 AM	4/3/2006
0604007-03A	GW-3	8166	4/3/2006 10:10:00 AM	4/3/2006
0604007-03B	GW-3	8166	4/3/2006 10:10:00 AM	4/3/2006
0604007-04A	GW-4	8166	4/3/2006 11:30:00 AM	4/3/2006
0604007-04B	GW-4	8166	4/3/2006 11:30:00 AM	4/3/2006
0604007-05A	GW-5	8166	4/3/2006 12:00:00 PM	4/3/2006
0604007-05B	GW-5	8166	4/3/2006 12:00:00 PM	4/3/2006

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC 08166

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
PW&C
630 Johnson Ave
Bohemia, NY 11716

CONTACT: Frank Castellano

SAMPLER (SIGNATURE): R. Wenskus

SAMPLER NAME (PRINT): R. Wenskus

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION:
264 Freeman St. Brooklyn NY (AI10501)

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TAL metals	(Total + dissolved)	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0604007-1AB	~~WL~~ L	2	4/3/06 1055	G-W-1	X		
2AB	L	2	4/3/06 1035	G-W-2	X		
3AB	L	2	4/3/06 1010	G-W-3	X		
4AB	L	2	4/3/06 1130	G-W-4	X		
5AB	L	2	4/3/06 1200	G-W-5	X		

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☒ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS
Lab to filter unpreserved sample

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
R. Wenskus	4/3/06 1320	R. Wenskus		4/3/06 1318	P Antonio
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-1
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:55:00 AM
Lab ID:	0604007-01A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:19:42 PM
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	234	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Antimony	0.0942	0.0250		mg/L	1	4/6/2006 10:43:20 AM
Arsenic	0.429	0.0250		mg/L	1	4/6/2006 10:43:20 AM
Barium	3.01	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Cadmium	0.138	0.0100		mg/L	1	4/6/2006 10:43:20 AM
Calcium	3150	0.250		mg/L	10	4/6/2006 11:27:44 AM
Chromium	0.451	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Copper	6.21	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Iron	714	0.200		mg/L	10	4/6/2006 11:27:44 AM
Lead	14.4	0.0150		mg/L	1	4/6/2006 10:43:20 AM
Magnesium	366	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Manganese	14.0	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Nickel	0.615	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Potassium	56.0	0.100		mg/L	1	4/6/2006 10:43:20 AM
Selenium	0.141	0.0100		mg/L	1	4/6/2006 10:43:20 AM
Silver	0.0497	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Sodium	114	0.0300		mg/L	1	4/6/2006 10:43:20 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:43:20 AM
Vanadium	0.565	0.0200		mg/L	1	4/6/2006 10:43:20 AM
Zinc	43.6	0.0200		mg/L	1	4/6/2006 10:43:20 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-1
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:55:00 AM
Lab ID:	0604007-01B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 12:56:07 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0224	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Antimony	U	0.0250		mg/L	1	4/6/2006 10:39:36 AM
Arsenic	U	0.0250		mg/L	1	4/6/2006 10:39:36 AM
Barium	0.104	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Cadmium	U	0.0100		mg/L	1	4/6/2006 10:39:36 AM
Calcium	111	0.0250		mg/L	1	4/6/2006 10:39:36 AM
Chromium	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Copper	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Iron	0.0174	0.0200	J	mg/L	1	4/6/2006 10:39:36 AM
Lead	U	0.0150		mg/L	1	4/6/2006 10:39:36 AM
Magnesium	16.7	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Manganese	0.322	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Nickel	0.00545	0.0200	J	mg/L	1	4/6/2006 10:39:36 AM
Potassium	14.1	0.100		mg/L	1	4/6/2006 10:39:36 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 10:39:36 AM
Silver	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Sodium	53.1	0.0300		mg/L	1	4/6/2006 10:39:36 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:39:36 AM
Vanadium	U	0.0200		mg/L	1	4/6/2006 10:39:36 AM
Zinc	0.0118	0.0200	J	mg/L	1	4/6/2006 10:39:36 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-2
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:35:00 AM
Lab ID:	0604007-02A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:21:50 PM
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	208	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Antimony	0.157	0.0250		mg/L	1	4/6/2006 10:48:55 AM
Arsenic	0.638	0.0250		mg/L	1	4/6/2006 10:48:55 AM
Barium	18.2	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Cadmium	0.0813	0.0100		mg/L	1	4/6/2006 10:48:55 AM
Calcium	1030	0.250		mg/L	10	4/6/2006 11:30:04 AM
Chromium	1.16	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Copper	5.45	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Iron	864	0.200		mg/L	10	4/6/2006 11:30:04 AM
Lead	15.9	0.0150		mg/L	1	4/6/2006 10:48:55 AM
Magnesium	66.8	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Manganese	13.1	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Nickel	1.30	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Potassium	83.6	0.100		mg/L	1	4/6/2006 10:48:55 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 10:48:55 AM
Silver	0.0209	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Sodium	97.1	0.0300		mg/L	1	4/6/2006 10:48:55 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:48:55 AM
Vanadium	0.977	0.0200		mg/L	1	4/6/2006 10:48:55 AM
Zinc	21.7	0.0200		mg/L	1	4/6/2006 10:48:55 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-2
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:35:00 AM
Lab ID:	0604007-02B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 12:58:20 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0443	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Antimony	U	0.0250		mg/L	1	4/6/2006 10:46:34 AM
Arsenic	U	0.0250		mg/L	1	4/6/2006 10:46:34 AM
Barium	0.169	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Cadmium	U	0.0100		mg/L	1	4/6/2006 10:46:34 AM
Calcium	133	0.0250		mg/L	1	4/6/2006 10:46:34 AM
Chromium	U	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Copper	0.00872	0.0200	J	mg/L	1	4/6/2006 10:46:34 AM
Iron	0.0297	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Lead	U	0.0150		mg/L	1	4/6/2006 10:46:34 AM
Magnesium	19.2	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Manganese	0.308	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Nickel	0.00912	0.0200	J	mg/L	1	4/6/2006 10:46:34 AM
Potassium	35.4	0.100		mg/L	1	4/6/2006 10:46:34 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 10:46:34 AM
Silver	U	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Sodium	87.1	0.0300		mg/L	1	4/6/2006 10:46:34 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:46:34 AM
Vanadium	U	0.0200		mg/L	1	4/6/2006 10:46:34 AM
Zinc	0.0462	0.0200		mg/L	1	4/6/2006 10:46:34 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-3
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:10:00 AM
Lab ID:	0604007-03A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:23:58 PM
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	61.9	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Antimony	0.0473	0.0250		mg/L	1	4/6/2006 10:54:17 AM
Arsenic	0.625	0.0250		mg/L	1	4/6/2006 10:54:17 AM
Barium	1.96	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Cadmium	0.0402	0.0100		mg/L	1	4/6/2006 10:54:17 AM
Calcium	217	0.250		mg/L	10	4/6/2006 11:31:55 AM
Chromium	0.268	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Copper	1.09	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Iron	228	0.200		mg/L	10	4/6/2006 11:31:55 AM
Lead	2.30	0.0150		mg/L	1	4/6/2006 10:54:17 AM
Magnesium	18.6	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Manganese	1.31	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Nickel	0.438	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Potassium	39.8	0.100		mg/L	1	4/6/2006 10:54:17 AM
Selenium	0.102	0.0100		mg/L	1	4/6/2006 10:54:17 AM
Silver	U	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Sodium	64.7	0.0300		mg/L	1	4/6/2006 10:54:17 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:54:17 AM
Vanadium	0.324	0.0200		mg/L	1	4/6/2006 10:54:17 AM
Zinc	7.74	0.0200		mg/L	1	4/6/2006 10:54:17 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-3
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 10:10:00 AM
Lab ID:	0604007-03B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:00:27 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: **JP**
Aluminum	0.0586	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Antimony	U	0.0250		mg/L	1	4/6/2006 10:52:08 AM
Arsenic	U	0.0250		mg/L	1	4/6/2006 10:52:08 AM
Barium	0.174	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Cadmium	U	0.0100		mg/L	1	4/6/2006 10:52:08 AM
Calcium	138	0.0250		mg/L	1	4/6/2006 10:52:08 AM
Chromium	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Copper	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Iron	0.0309	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Lead	U	0.0150		mg/L	1	4/6/2006 10:52:08 AM
Magnesium	18.9	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Manganese	0.0539	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Nickel	0.00845	0.0200	J	mg/L	1	4/6/2006 10:52:08 AM
Potassium	40.1	0.100		mg/L	1	4/6/2006 10:52:08 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 10:52:08 AM
Silver	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Sodium	75.6	0.0300		mg/L	1	4/6/2006 10:52:08 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 10:52:08 AM
Vanadium	U	0.0200		mg/L	1	4/6/2006 10:52:08 AM
Zinc	0.0865	0.0200		mg/L	1	4/6/2006 10:52:08 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-4
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 11:30:00 AM
Lab ID:	0604007-04A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:26:06 PM
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	123	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Antimony	0.0416	0.0250		mg/L	1	4/6/2006 11:11:54 AM
Arsenic	1.31	0.0250		mg/L	1	4/6/2006 11:11:54 AM
Barium	11.6	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Cadmium	0.0542	0.0100		mg/L	1	4/6/2006 11:11:54 AM
Calcium	264	0.250		mg/L	10	4/6/2006 11:33:49 AM
Chromium	0.969	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Copper	2.28	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Iron	1050	0.200		mg/L	10	4/6/2006 11:33:49 AM
Lead	10.4	0.0150		mg/L	1	4/6/2006 11:11:54 AM
Magnesium	36.5	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Manganese	11.6	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Nickel	1.21	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Potassium	47.1	0.100		mg/L	1	4/6/2006 11:11:54 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 11:11:54 AM
Silver	U	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Sodium	105	0.0300		mg/L	1	4/6/2006 11:11:54 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 11:11:54 AM
Vanadium	0.465	0.0200		mg/L	1	4/6/2006 11:11:54 AM
Zinc	60.9	0.0200		mg/L	1	4/6/2006 11:11:54 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-4
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 11:30:00 AM
Lab ID:	0604007-04B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**				Analyst: BK
Mercury	U	0.000200		mg/L	1	4/4/2006 1:02:34 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: JP
Aluminum	0.0187	0.0200	J	mg/L	1	4/6/2006 11:07:02 AM
Antimony	U	0.0250		mg/L	1	4/6/2006 11:07:02 AM
Arsenic	U	0.0250		mg/L	1	4/6/2006 11:07:02 AM
Barium	1.40	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Cadmium	U	0.0100		mg/L	1	4/6/2006 11:07:02 AM
Calcium	127	0.0250		mg/L	1	4/6/2006 11:07:02 AM
Chromium	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Copper	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Iron	0.222	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Lead	U	0.0150		mg/L	1	4/6/2006 11:07:02 AM
Magnesium	27.4	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Manganese	0.249	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Nickel	0.00516	0.0200	J	mg/L	1	4/6/2006 11:07:02 AM
Potassium	38.2	0.100		mg/L	1	4/6/2006 11:07:02 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 11:07:02 AM
Silver	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Sodium	114	0.0300		mg/L	1	4/6/2006 11:07:02 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 11:07:02 AM
Vanadium	U	0.0200		mg/L	1	4/6/2006 11:07:02 AM
Zinc	0.0147	0.0200	J	mg/L	1	4/6/2006 11:07:02 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-5
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 12:00:00 PM
Lab ID:	0604007-05A	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7470A**				Analyst: **BK**
Mercury	U	0.000200		mg/L	1	4/4/2006 1:28:15 PM
TARGET ANALYTE LIST METALS		**SW6010B**		**SW3010A**		Analyst: **JP**
Aluminum	66.6	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Antimony	0.118	0.0250		mg/L	1	4/6/2006 11:17:39 AM
Arsenic	1.00	0.0250		mg/L	1	4/6/2006 11:17:39 AM
Barium	2.63	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Cadmium	0.0900	0.0100		mg/L	1	4/6/2006 11:17:39 AM
Calcium	376	0.250		mg/L	10	4/6/2006 11:44:02 AM
Chromium	0.471	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Copper	1.56	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Iron	640	0.200		mg/L	10	4/6/2006 11:44:02 AM
Lead	3.67	0.0150		mg/L	1	4/6/2006 11:17:39 AM
Magnesium	46.1	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Manganese	4.29	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Nickel	3.55	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Potassium	44.8	0.100		mg/L	1	4/6/2006 11:17:39 AM
Selenium	0.125	0.0100		mg/L	1	4/6/2006 11:17:39 AM
Silver	U	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Sodium	127	0.0300		mg/L	1	4/6/2006 11:17:39 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 11:17:39 AM
Vanadium	0.362	0.0200		mg/L	1	4/6/2006 11:17:39 AM
Zinc	16.7	0.0200		mg/L	1	4/6/2006 11:17:39 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *13-Apr-06*

CLIENT:	P.W. Grosser Consulting	**Client Sample ID:**	GW-5
Lab Order:	0604007	**Tag Number:**	8166
Project:	269 Freeman St. Brooklyn, N.Y.	**Collection Date:**	4/3/2006 12:00:00 PM
Lab ID:	0604007-05B	**Matrix:**	LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY-DISSOLVED		**SW7470A**				Analyst: BK
Mercury	U	0.000200		mg/L	1	4/4/2006 1:04:42 PM
TARGET ANALYTE LIST METALS-DISSOLVED		**SW6010B**		**SW3005A**		Analyst: JP
Aluminum	0.0287	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Antimony	U	0.0250		mg/L	1	4/6/2006 11:15:32 AM
Arsenic	U	0.0250		mg/L	1	4/6/2006 11:15:32 AM
Barium	0.363	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Beryllium	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Cadmium	U	0.0100		mg/L	1	4/6/2006 11:15:32 AM
Calcium	165	0.0250		mg/L	1	4/6/2006 11:15:32 AM
Chromium	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Cobalt	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Copper	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Iron	0.0858	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Lead	U	0.0150		mg/L	1	4/6/2006 11:15:32 AM
Magnesium	54.9	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Manganese	0.199	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Nickel	0.0270	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Potassium	45.1	0.100		mg/L	1	4/6/2006 11:15:32 AM
Selenium	U	0.0100		mg/L	1	4/6/2006 11:15:32 AM
Silver	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Sodium	147	0.0300		mg/L	1	4/6/2006 11:15:32 AM
Thallium	U	0.0150		mg/L	1	4/6/2006 11:15:32 AM
Vanadium	U	0.0200		mg/L	1	4/6/2006 11:15:32 AM
Zinc	0.0873	0.0200		mg/L	1	4/6/2006 11:15:32 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

Former Ney Smelting & Refining Co.
269 Freeman St.
Brooklyn, NY 11222

Inquiry Number: 3352736.1
June 26, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography June 26, 2012

Target Property:

269 Freeman St.

Brooklyn, NY 11222

Year	***Scale***	***Details***	***Source***
1924	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: July 01, 1924	EDR
1954	Aerial Photograph. Scale: 1"=250'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=750'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 27, 1984	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 40073-F8, Brooklyn, NY;/Flight Date: April 04, 1994	EDR
1994,1995	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Composite DOQQ - acquisition dates: April 04, 1994,March 13, 1995	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F8, Brooklyn, NY;/Flight Year: 2006	EDR



INQUIRY #: 3352736.1

YEAR: 1924

= 500'

N

EDR Environmental Data Resources Inc


INQUIRY #: 3352736.1
YEAR: 1954
= 250'
N


INQUIRY #: 3352736.1
YEAR: 1966
= 500'
N
EDR Environmental Data Resources Inc

INQUIRY #: 3352736.1

YEAR: 1975

= 500'

N

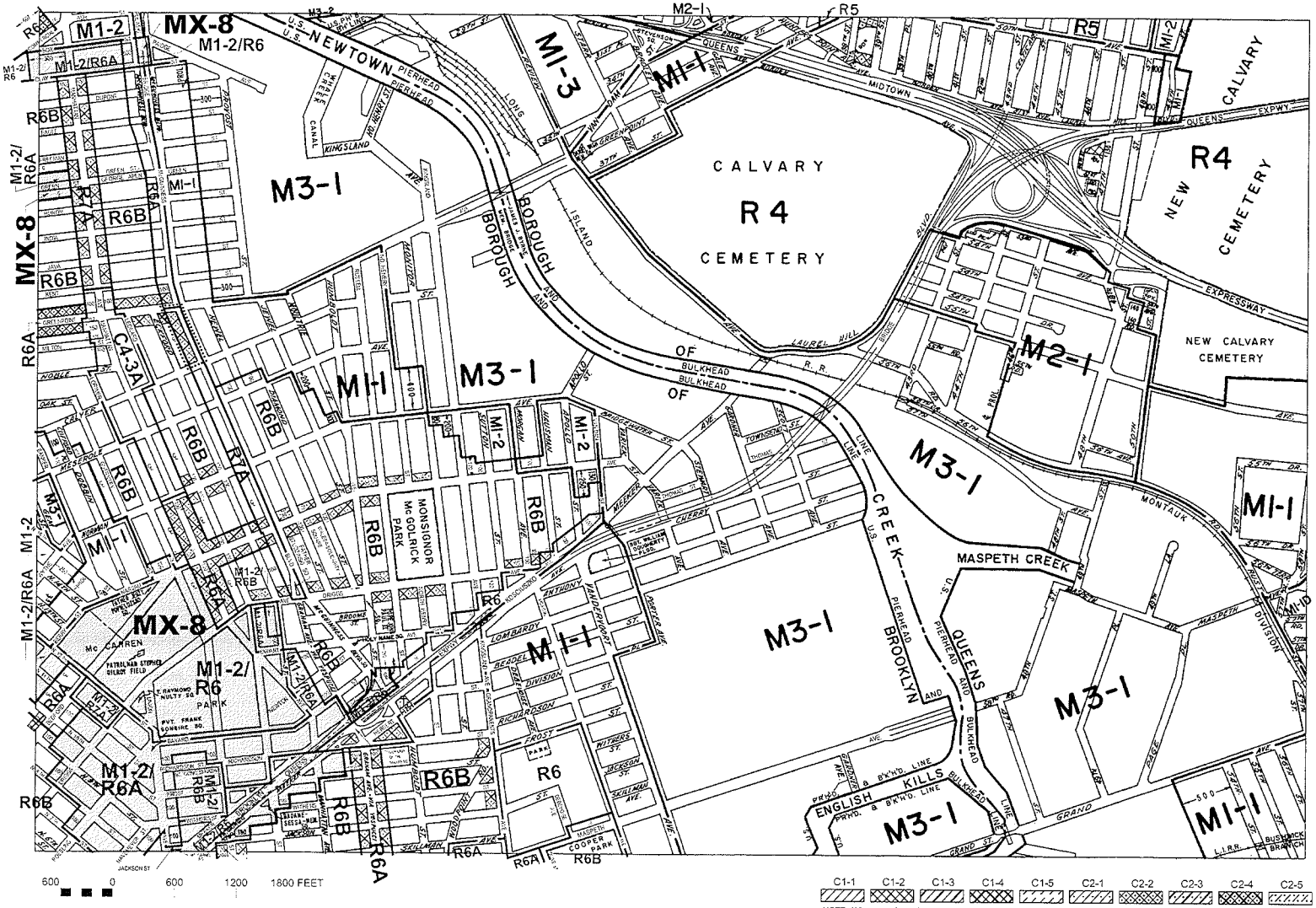



INQUIRY #: 3352736.1
YEAR: 1984
= 750'
N


INQUIRY #: 3352736.1
YEAR: 1994
= 750'
N


INQUIRY #: 3352736.1
YEAR: 1994,1995 (DOQQ)
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3352736.1
YEAR: 2006
= 500'
N



C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

12-10-2012 C 100218 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas on this map, see APPENDIX F.

N

MAP KEY

8d	9b	9d
12c	**13a**	13c
12d	13b	13d

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ZONING MAP **13a**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291.

APPENDIX B
SOIL BORING LOGS

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-1** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 36	
ADDRESS		**ELEVATION/DATUM**	
269 Freeman Street, Brooklyn, New York, 11222		12.88/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/11/2012	9/11/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	10.84 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
1	3	2.5		0-1': Concrete 1'-1.5': dk brown f-m sand, tr gravel (fill) (dry) 1.5'-3': lt/dk brown sand with crushed brick, tr gravel, tr silt (fill) (dry)	PID = 0.6 ppm, N/S, N/O PID = 3.2 ppm, N/S, N/O PID = 1.5 ppm, N/S, N/O Sample Collected NS-SB/MW-1-SO-(1-3)
		5.0			
2	3	7.5		0'-1.5': dk brown f-m sand with crushed concrete, tr gravel, tr silt (fill) (dry) 1.5'-3': br silt and sand with clay, tr gravel, tr silt (fill) (dry)	PID = 0.1 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
		10.0			
3	1.5	12.5	▼	0'-0.5': dk/lt brown sand with brick fragments (fill) (dry) 0.5'-1.5': grey soft clay (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O Sample Collected NS-SB/MW-1-SO-(10-11.5)
		15.0			
4	4	17.5		0'-4': grey soft clay (wet)	PID = 0.0 ppm, N/S, N/O
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-2** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 36	
ADDRESS		**ELEVATION/DATUM**	
263 Freeman Street, Brooklyn, New York, 11222		12.83/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/12/2012	9/12/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	10.95 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
				0'-0.5': concrete 0.5'-1.5': brown f-m sand, tr gravel, tr concrete (fill) (dry) 1.5'-2.5': pulverized concrete (fill) (dry) 2.5'-3': dk brown f-m sand, tr silt, tr gravel, rock chunks (fill) (dry)	PID = 0.0 ppm, N/S, N/O PID = 1.5 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.6 ppm, N/S, N/O
1	3	2.5			<u>Sample Collected</u> NS-SB/MW-2-SO-(1-3)
		5.0		0'-0.5': lt brown f sand, pulverized concrete with concrete chunks(fill)(dry) 0.5'-3': brown c sand, tr red brick, tr gravel (fill) (dry) 3'-4': brown f-m sand and silt, tr gravel, tr clay, tr rock fragments (fill) (dry)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
2	4	7.5			
		10.0	▼	0'-1': SAA (fill) (dry) 1'-2': tan f sand and silt, f-m gravel (fill) (moist/wet) 2'-3': dk brown m-c sand and gravel (fill) (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
3	3	12.5			<u>Sample Collected</u> NS-SB/MW-2-SO-(10-11)
		15.0		0'-0.5': dk brown m-c sand (fill) (wet) 0.5'-4': grey clay (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
4	4	17.5			
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-3** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 30	
ADDRESS		**ELEVATION/DATUM**	
269 Freeman Street, Brooklyn, New York, 11222		12.92/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/13/2012	9/13/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	11.07 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
1	3	2.5		0'-0.5': concrete 0.5'-1': dk brown f-m sand, tr gravel (fill) (dry) 1'-2': brown/lt brown m-c sand with concrete, tr red brick (fill) (dry) 2'-3':brown/lt brown m-c sand, tr gravel, tr silt, tr red brick (fill) (dry)	PID = 0.5 ppm, N/S, N/O PID = 0.5 ppm, N/S, N/O PID = 2.0 ppm, N/S, N/O PID = 2.0 ppm, N/S, N/O Sample Collected NS-SB/MW-3-SO-(1-3)
		5.0			
2	2	7.5		0'-1': SAA (fill) (dry) 1'-1.25': dk brown f-m sand, tr wood chips, tr silt (fill) (dry) 1.25'-2': brown m-c sand, tr gravel, tr silt, tr red brick (fill) (dry)	PID = 0.2 ppm, N/S, N/O PID = 0.4 ppm, N/S, N/O
		10.0			
3	2.5	12.5	▼	0'-1': SAA (fill) (dry) 1'-2.5': SAA (fill) (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O Sample Collected NS-SB/MW-3-SO-(10-11)
		15.0			
4	3	17.5		0'-1.5': SAA (fill) (wet) 1.5'-2': dk brown f sand and silt, tr clay (wet) 2'-3': grey clay, tr peat (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-4** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 27	
ADDRESS		**ELEVATION/DATUM**	
242 Eagle Street, Brooklyn, New York, 11222		13.73/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/13/2012	9/13/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	11.95 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
		0.0			
1	2.5	2.5		0'-0.25': asphalt 0.25'-1': brown m-f sand and gravel, tr silt (fill) (dry) 1'-2.5': dk brown m-c sand and gravel, tr red brick (fill) (dry)	PID = 0.0 ppm, N/S, N/O PID = 5.0 ppm, N/S, N/O PID = 0.9 ppm, N/S, N/O Sample Collected NS-SB/MW-4-SO-(0.5-2.5)
		5.0			
2	2.5	7.5		0'-2': SAA (fill) (dry) 2'-2.5': silt, tr sand, tr gravel, tr clay (fill) (dry/moist)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
		10.0			
3	3	12.5	▼	0'-1.5': dk brown m-c sand and gravel, tr red brick (fill) (moist) 1.5'-2': brown silt, tr f sand, tr gravel (fill) (wet) 2'-3': SAA (fill) (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O Sample Collected NS-SB/MW-4-SO-(10-11.5)
		15.0			
4	3	17.5		0'-1': SAA (fill) (wet) 1'-2': grey sand, silt, clay (wet) 2'-3': grey clay, tr peat (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-5** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 27	
ADDRESS		**ELEVATION/DATUM**	
242 Eagle Street, Brooklyn, New York, 11222		13.10/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/11/2012	9/11/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	11.28 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
		0.0		0'-0.5': asphalt 0.5'-2': dk brown f-c sand, ltl f gravel, tr concrete, tr silt (fill) (dry) 2'-2.5': pulverized concrete (fill) (dry) 2.5'-3.5': brown f-c sand with small gravel, tr red brick (fill) (dry)	PID = 0.1 ppm, N/S, N/O PID = 1.6 ppm, N/S, N/O PID = 6.9 ppm, N/S, N/O PID = 0.1 ppm, N/S, N/O
1	3.5	2.5			Sample Collected NS-SB/MW-5-SO-(1-3)
		5.0		0'-2': dk brown f-c sand with coal fragments (dry) (fill) 2'-4': brown silt and sand, ltl red brick, m pebbles, concrete fragments (moist) (fill)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
2	4	7.5			Sample Collected NS-SB/MW-5-SO-(7.5-9.5)
		10.0	▼	0'-0.5': (fill) (wet) 0.5'-2': brown clay, tr silt, tr sand (fill) (wet) 2'-3': grey clay and silt (fill) (wet) 3'-3.5': pulverized rock, asphalt, gravel, tr red brick (fill) (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
3	3.5	12.5			
		15.0		0'-1.5': SAA (fill) (wet) 1.5'-3': Grey clay (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
4	3	17.5			
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-6** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 19 (Exposed Soil Yard)	
ADDRESS		**ELEVATION/DATUM**	
238 Eagle Street, Brooklyn, New York, 11222		11.02/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/12/2012	9/12/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	7.49 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
1	2.5	2.5		0'-0.25': concrete 0.25'-0.5': lt m-f sand and concrete, f gravel (fill) (dry) 0.5'-0.75': dk brown m-f sand with some gravel (fill) (dry) 0.75'-1': chunks red brick (fill) (dry) 1'-2.5': dk brown f-c sand and silt with rock chunks, tr red brick (fill) (dry)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 4.3 ppm, N/S, N/O Sample Collected NS-SB/MW-6-SO-(0.5-2.5)
		5.0			
2	0	7.5	▼	No recovery	
		10.0			
3	5	12.5		0'-1': sand with rock chunks, ltl f gravel (fill) (moist) 1'-4': brown/grey clay (wet) 4'-5': grey clay with peat (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, SO (organic, from peat) Sample Collected NS-SB/MW-6-SO-(10-11)
		15.0			
4	0	17.5		0'-5': grey clay with peat (wet)	PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O
		20.0			

bgs: below grade surface

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**BORING LOG**	**BORING NS-SB/MW-7** **SHEET 1 OF 1**

JOB NAME/ CLIENT	**PROJECT NO.**	**AREA OF CONCERN**	
Former Ney Smelting & Refining Site/NYSDEC	194300.0000.0000	Block 2506, Lot 19 (Exposed Soil Yard)	
ADDRESS		**ELEVATION/DATUM**	
238 Eagle Street, Brooklyn, New York, 11222		10.90/NAVD 88	
DRILLING CONTRACTOR	**DRILLER**	**INSPECTOR**	
Zebra Environmental	Evan Moraitis/Lukas Reiss	P. Castellano	
DRILLING RIG	**TYPE/SIZE BIT**	**START DATE**	**END DATE**
Track-mounted Geoprobe	7720 DT 2"x60" Macrocore	9/12/2012	9/12/2012
SAMPLER TYPE	**HAMMER WEIGHT/DROP**	**TOTAL DEPTH**	**WATER LEVEL**
Macrocore	NA	20 feet bgs	7.11 feet bgs

SAMPLES		**DEPTH (FEET BGS)**	**WATER**	**DESCRIPTION OF SOILS** **(SAA = Same As Above)** **f - fine m - medium c - coarse** **lt - light dk - dark tr - trace ltl - little**	**REMARKS** **(PID, STAINING, ODORS, ETC.)** **FP = Free Product** **N/S = No Staining, N/O = No odors** **SO = Slight Odor, MO = Moderate Odor** **STO = Strong Odor**
NUMBER	**RECOVERY (FEET)**				
1	2.5	2.5		0'-0.25': concrete 0.25'-0.5': lt m-f sand and concrete, f gravel (fill) (dry) 0.5'-0.75': dk brown m-f sand with some gravel (fill) (dry) 0.75'-1': chunks red brick (fill) (dry) 1'-2.5': dk brown f-c sand and silt with rock chunks, tr red brick (fill) (dry)	PID = 0.0 ppm, N/S, N/O PID = 0.9 ppm, N/S, N/O PID = 2.5 ppm, N/S, N/O PID = 1.4 ppm, N/S, N/O PID = 1.4 ppm, N/S, N/O <u>Sample Collected</u> NS-SB/MW-7-SO-(1-3)
		5.0			
2	3	7.5	▼	0'-1': lt/dk brown f-c sand with f-m gravel, tr red brick, concrete chunks (fill) (dry) 1'-2': m-c brown sand with f gravel, tr red brick (fill) (dry) 2'-3': brown f sand with clay, tr gravel (moist/wet)	PID = 1.0 ppm, N/S, N/O PID = 0.0 ppm, N/S, N/O <u>Sample Collected</u> NS-SB/MW-7-SO-(8-10)
		10.0			
3	0.5	12.5		0'-0.5': grey clay (wet)	PID = NA, N/S, N/O
		15.0			
4	0	17.5		No recovery	
		20.0			

bgs: below grade surface

APPENDIX C
LABORATORY ANALYTICAL DATA REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25085-1
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Melissa Deyo

Authorized for release by:
9/27/2012 2:50:01 PM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25085-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25085-1

Receipt
The samples were received on 9/13/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 3.0º C.

Except:

The chain of custody (COC) incorrectly has the TCLP parameters assigned to sample point NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5). As per client sample NS-SB/MW-7-SO-(1-3) (480-25085-7) should have the TCLP parameters assigned.

The client sample IDs do not match the Chain-of-Custody (COC). They were changed as per client request.

GC/MS VOA
Method 8260B: The following sample was analyzed at a reduced initial sample weight in order to bring the concentration of target analytes within the calibration range: NS-SB/MW-7-SO-(1-3) (480-25085-7 DL). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted due to the nature of the TCLP matrix: NS-SB/MW-7-SO-(1-3) (480-25085-7) and (LB 480-80886/1-A). Elevated reporting limits (RLs) are provided.

Method 8260B: The method blank for batch 80508 contained 2-Hexanone above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 80508 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The continuing calibration verification (CCV) associated with batch 81278 contained an analyte outside control limits. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following samples were diluted due to the nature of the sample matrix: NS-SB/MW-1-SO-(1-3) (480-25085-1), NS-SB/MW-5-SO-(1-3) (480-25085-3), NS-SB/MW-5-SO-(7.5-9.5)-MS (480-25085-4 MS), NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5), NS-SB/MW-6-SO-(10-11) (480-25085-6), NS-SB/MW-7-SO-(8-10) (480-25085-8) and NS-SB/MW-2-SO-(1-3) (480-25085-9). As such, surrogate recoveries were reduced to a level in which they do not provide useful information. Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample contained one acid and/or one base surrogate outside acceptance limits: NS-SB/MW-1-SO-(10-11.5) (480-25085-2). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The matrix spike (MS) recoveries for preparation batch 80638 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 80638 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The analytes 3-Methylphenol and 4-Methylphenol co-elute and cannot be analytically separated. The reported concentrations for these analytes are a total rather than individual quantitated value. Since these analytes co-elute, only 4-Methylphenol was calibrated for in the calibration data.

Method 8270C: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch

Job ID: 480-25085-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

81475: 4-Nitrophenol. This compound is not classified as a Calibration Check Compound (CCC) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8081A: All primary data was reported from the RTX-CLPI column.

Method 8081A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: All primary data was reported from the ZB-35 column.

Method 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-80733/43), (CCV 480-81193/48) and (CCV 480-81193/59) for Tetrachloro-m-xylene exceeded 15% on the ZB-35 column, indicating a high bias.

Method 8082: The percent difference in the associated continuing calibration verification (CCV 480-80733/20) for PCB-1016 exceeded 15% on the ZB-35 column, indicating a high bias. Associated samples are non-detect for this analyte, the data was unaffected.

Method 8151A: All primary data was reported from the STX-CLPI column.

Method 8151A: Surrogate recoveries for the following samples were outside control limits: NS-SB/MW-7-SO-(1-3) (480-25085-7) and (LB 480-80843/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide extraction procedure.

No other analytical or quality issues were noted.

Metals

Method 6010B: The following sample was diluted to bring the concentration of target analyte Zinc within the linear range: NS-SB/MW-5-SO-(1-3) (480-25085-3). Elevated reporting limits (RLs) are provided.

Method 6010B: The following sample was diluted for Antimony due to the nature of the sample matrix: NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5). Elevated reporting limits (RLs) are provided.

Method 6010B: The method blank for preparation batch 80569 contained Calcium, Magnesium, Sodium and Zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The matrix spike / matrix spike duplicate recoveries and precision for preparation batch 80569 were outside control limits. Non-homogeneity of the sample matrix was suspected. The associated laboratory control sample (LCSSRM) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Barium above the reporting limit (RL). The associated sample contained a detection for this analyte at a concentration greater than 10 times the value found in the TCLP leachate blank; therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The method blank for TCLP preparation batch 81089 contained Barium above the method detection limit. This target

Job ID: 480-25085-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 7471A: The following samples were diluted to bring the concentration of the target analyte Mercury within the calibration range: NS-SB/MW-5-SO-(1-3) (480-25085-3), NS-SB/MW-7-SO-(8-10) (480-25085-8), NS-SB/MW-2-SO-(1-3) (480-25085-9) and NS-SB/MW-2-SO-(10-11) (480-25085-10). Elevated reporting limits (RLs) are provided.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Mercury in preparation batch 80574 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 7471A: The serial dilution (480-25085-4 SD) exceeded the quality control limits for Mercury. Sample matrix was suspected; therefore, no corrective action was necessary.

No other analytical or quality issues were noted.

General Chemistry

Method 9012A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 81401 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

Method 3550B: The following sample appearance looked different from the associated matrix spike and matrix spike duplicate samples: NS-SB/MW-5-SO-(7.5-9.5) (480-25085-4).

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3) — Lab Sample ID: 480-25085-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		5.5	0.74	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	340	J	3700	230	ug/Kg	20	☼	8270C	Total/NA
2-Methylnaphthalene	1300	J	3700	45	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	3200	J	3700	43	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	460	J	3700	30	ug/Kg	20	☼	8270C	Total/NA
Anthracene	8300		3700	94	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	17000		3700	64	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	17000		3700	89	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	20000		3700	71	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	5200		3700	44	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	10000		3700	41	ug/Kg	20	☼	8270C	Total/NA
Carbazole	4200		3700	43	ug/Kg	20	☼	8270C	Total/NA
Chrysene	17000		3700	37	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	2500	J	3700	38	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	40000		3700	53	ug/Kg	20	☼	8270C	Total/NA
Fluorene	2000	J	3700	85	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	6300		3700	100	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	2600	J	3700	61	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	35000		3700	77	ug/Kg	20	☼	8270C	Total/NA
Pyrene	28000		3700	24	ug/Kg	20	☼	8270C	Total/NA
Aluminum	6100		12	5.2	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.8	J	18	0.64	mg/Kg	1	☼	6010B	Total/NA
Arsenic	24		2.4	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	360		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.50		0.24	0.033	mg/Kg	1	☼	6010B	Total/NA
Cadmium	4.3		0.24	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	21000	B	59	3.9	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.8		0.59	0.059	mg/Kg	1	☼	6010B	Total/NA
Copper	170		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1400		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2700	B	24	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	210		0.24	0.038	mg/Kg	1	☼	6010B	Total/NA
Nickel	19		5.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	870		35	24	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.90	J	4.7	0.67	mg/Kg	1	☼	6010B	Total/NA
Silver	1.6		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	430	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	51		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	870	B	2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.70		0.022	0.0087	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	0.76	J	1.1	0.53	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-1-SO-(10-11.5) — Lab Sample ID: 480-25085-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.7	J	31	2.3	ug/Kg	1	☼	8260B	Total/NA
Acetone	58		31	5.2	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	13		6.2	0.84	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	31	J	210	13	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	110	J	210	2.6	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	350		210	2.5	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-1-SO-(10-11.5) (Continued)

Lab Sample ID: 480-25085-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	66	J	210	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	790		210	5.4	ug/Kg	1	☼	8270C	Total/NA
Benzaldehyde	43	J	210	23	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	1900		210	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1800		210	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	2400		210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	460		210	2.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	940		210	2.3	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	190	J	210	68	ug/Kg	1	☼	8270C	Total/NA
Carbazole	340		210	2.5	ug/Kg	1	☼	8270C	Total/NA
Chrysene	1800		210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	230		210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	4100		210	3.1	ug/Kg	1	☼	8270C	Total/NA
Fluorene	280		210	4.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	510		210	5.9	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	190	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	2900		210	4.5	ug/Kg	1	☼	8270C	Total/NA
Pyrene	2800		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	8000		13	5.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	28		2.6	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	85		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.53		0.26	0.036	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25	J	0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	12000	B	64	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		0.64	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.6		0.64	0.064	mg/Kg	1	☼	6010B	Total/NA
Copper	44		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	180		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3400	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	270		0.26	0.041	mg/Kg	1	☼	6010B	Total/NA
Nickel	28		6.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	910		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.2	J	5.1	0.73	mg/Kg	1	☼	6010B	Total/NA
Sodium	200	B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	150	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	1.1		0.026	0.011	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		6.3	0.84	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	480	J	4200	51	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	2800	J	4200	49	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	360	J	4200	34	ug/Kg	20	☼	8270C	Total/NA
Anthracene	10000		4200	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	31000		4200	73	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	28000		4200	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	33000		4200	82	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	6400		4200	50	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	17000		4200	46	ug/Kg	20	☼	8270C	Total/NA
Carbazole	1700	J	4200	49	ug/Kg	20	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	33000		4200	42	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	1500	J	4200	44	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	63000		4200	61	ug/Kg	20	☼	8270C	Total/NA
Fluorene	1600	J	4200	97	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	7200		4200	120	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	650	J	4200	70	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	36000		4200	88	ug/Kg	20	☼	8270C	Total/NA
Pyrene	48000		4200	27	ug/Kg	20	☼	8270C	Total/NA
Aluminum	3100		13	5.6	mg/Kg	1	☼	6010B	Total/NA
Antimony	25		19	0.68	mg/Kg	1	☼	6010B	Total/NA
Arsenic	62		2.5	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	320		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.42		0.25	0.035	mg/Kg	1	☼	6010B	Total/NA
Cadmium	110		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Calcium	5200	B	63	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	28		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.6		0.63	0.063	mg/Kg	1	☼	6010B	Total/NA
Copper	1500		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	91000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	3500		1.3	0.30	mg/Kg	1	☼	6010B	Total/NA
Magnesium	900	B	25	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	190		0.25	0.040	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		6.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Potassium	1400		38	25	mg/Kg	1	☼	6010B	Total/NA
Selenium	7.5		5.1	0.72	mg/Kg	1	☼	6010B	Total/NA
Silver	1.7		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Sodium	540	B	180	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	26		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	6900	B	13	0.97	mg/Kg	5	☼	6010B	Total/NA
Mercury	7.7		0.51	0.21	mg/Kg	20	☼	7471A	Total/NA
Cyanide, Total	0.94	J	1.2	0.57	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5) — Lab Sample ID: 480-25085-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5	J	6.0	0.80	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	24	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	44	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Anthracene	62	J	210	5.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	150	J	210	3.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	140	J	210	5.0	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	190	J	210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	32	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	86	J	210	2.3	ug/Kg	1	☼	8270C	Total/NA
Carbazole	41	J	210	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	170	J	210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	32	J	210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	300		210	3.0	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	39	J	210	5.8	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	82	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	430		210	4.4	ug/Kg	1	☼	8270C	Total/NA
Pyrene	300		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	10000		13	5.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5) (Continued)

Lab Sample ID: 480-25085-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		2.7	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	72		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Beryllium	1.0		0.27	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	14		0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Calcium	2100	B	67	4.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.8		0.67	0.067	mg/Kg	1	☼	6010B	Total/NA
Copper	18		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		13	1.5	mg/Kg	1	☼	6010B	Total/NA
Lead	490		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2900	B	27	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	260		0.27	0.043	mg/Kg	1	☼	6010B	Total/NA
Nickel	20		6.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100		40	27	mg/Kg	1	☼	6010B	Total/NA
Sodium	91	J B	190	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	23		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	1800	B	2.7	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.25		0.023	0.0094	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	270		6.9	0.93	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	310	J	4600	54	ug/Kg	20	☼	8270C	Total/NA
Anthracene	820	J	4600	120	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	1600	J	4600	80	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	1600	J	4600	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	1800	J	4600	89	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	450	J	4600	55	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	980	J	4600	51	ug/Kg	20	☼	8270C	Total/NA
Chrysene	1800	J	4600	46	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	1900	J	4600	67	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	500	J	4600	130	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	3800	J	4600	97	ug/Kg	20	☼	8270C	Total/NA
Pyrene	3100	J	4600	30	ug/Kg	20	☼	8270C	Total/NA
Aluminum	3800		13	5.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		2.7	0.54	mg/Kg	1	☼	6010B	Total/NA
Barium	250		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.32		0.27	0.038	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.51		0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Calcium	4100	B	67	4.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.8		0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Cobalt	12		0.67	0.067	mg/Kg	1	☼	6010B	Total/NA
Copper	310		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	63000		13	1.5	mg/Kg	1	☼	6010B	Total/NA
Lead	200		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	620	B	27	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	830		0.27	0.043	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		6.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Potassium	1400		40	27	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.8	J	5.4	0.77	mg/Kg	1	☼	6010B	Total/NA
Silver	0.38	J	0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Sodium	200	B	190	17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5) (Continued)

Lab Sample ID: 480-25085-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	21		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	250	B	2.7	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.59		0.025	0.010	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	2.4		1.3	0.63	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18	J	30	5.0	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	51		6.0	0.80	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	230	J	2000	130	ug/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	790	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Acenaphthene	3200		2000	24	ug/Kg	10	☼	8270C	Total/NA
Acenaphthylene	110	J	2000	16	ug/Kg	10	☼	8270C	Total/NA
Anthracene	5800		2000	52	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	7400		2000	35	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	7100		2000	48	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	7700		2000	39	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	1700	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	4100		2000	22	ug/Kg	10	☼	8270C	Total/NA
Carbazole	2200		2000	23	ug/Kg	10	☼	8270C	Total/NA
Chrysene	6800		2000	20	ug/Kg	10	☼	8270C	Total/NA
Dibenzofuran	2000		2000	21	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	19000		2000	29	ug/Kg	10	☼	8270C	Total/NA
Fluorene	2000		2000	46	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	1700	J	2000	56	ug/Kg	10	☼	8270C	Total/NA
Naphthalene	1700	J	2000	33	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	20000		2000	42	ug/Kg	10	☼	8270C	Total/NA
Pyrene	14000		2000	13	ug/Kg	10	☼	8270C	Total/NA
Aluminum	7400		12	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.5		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	210		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.41		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.47		0.23	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	9000	B	58	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	6.6		0.58	0.058	mg/Kg	1	☼	6010B	Total/NA
Copper	100		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	140		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2000	B	23	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	290		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	13		5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	790		35	23	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.68	J	4.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Sodium	180	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	18		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	600	B	2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.28		0.023	0.0094	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Client Sample ID: NS-SB/MW-7-SO-(1-3) (Continued)

Lab Sample ID: 480-25085-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.042		0.010	0.0036	mg/L	10		8260B	TCLP
Methylene Chloride	10		6.1	2.8	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.8	J	6.1	1.3	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene - DL	690		31	4.2	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	72	J	200	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	320		200	2.4	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	63	J	200	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	740		200	5.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	1400		200	3.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1300		200	4.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	1500		200	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	290		200	2.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	770		200	2.2	ug/Kg	1	☼	8270C	Total/NA
Carbazole	290		200	2.3	ug/Kg	1	☼	8270C	Total/NA
Chrysene	1400		200	2.0	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	220		200	2.1	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	3300		200	2.9	ug/Kg	1	☼	8270C	Total/NA
Fluorene	270		200	4.7	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	310		200	5.6	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	130	J	200	3.4	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	2900		200	4.3	ug/Kg	1	☼	8270C	Total/NA
Pyrene	2300		200	1.3	ug/Kg	1	☼	8270C	Total/NA
Aluminum	4000		13	5.8	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.4	J	20	0.71	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		2.6	0.52	mg/Kg	1	☼	6010B	Total/NA
Barium	1300		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.32		0.26	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	2.7		0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	32000	B	66	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.7		0.66	0.066	mg/Kg	1	☼	6010B	Total/NA
Copper	490		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	370		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1200	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	240		0.26	0.042	mg/Kg	1	☼	6010B	Total/NA
Nickel	88		6.6	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	590		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.1	J	5.2	0.75	mg/Kg	1	☼	6010B	Total/NA
Sodium	170	J B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	18		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	1100	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.040		0.010	0.0056	mg/L	1		6010B	TCLP
Barium	2.2	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.0018		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.031	B	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.43		0.0050	0.0030	mg/L	1		6010B	TCLP
Mercury	0.0015		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	0.30		0.024	0.0099	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Reactive	55		10	0.0030	mg/Kg	1		9012	Total/NA
Halogens, Extractable Organic	10	J	12	8.5	mg/Kg	1	☼	9023	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity toward Steel	0.98		0.10	0.10	mm/year	1		1110A	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-7

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010	Total/NA
pH	7.94		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(8-10) — Lab Sample ID: 480-25085-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	24	J	32	2.4	ug/Kg	1	☼	8260B	Total/NA
Acetone	110		32	5.5	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	2.3	J	6.5	0.87	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	450	J	4400	270	ug/Kg	20	☼	8270C	Total/NA
2-Methylnaphthalene	1100	J	4400	53	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	5600		4400	51	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	330	J	4400	36	ug/Kg	20	☼	8270C	Total/NA
Anthracene	11000		4400	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	15000		4400	75	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	16000		4400	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	18000		4400	84	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	3700	J	4400	52	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	7800		4400	48	ug/Kg	20	☼	8270C	Total/NA
Carbazole	3500	J	4400	50	ug/Kg	20	☼	8270C	Total/NA
Chrysene	14000		4400	43	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	2800	J	4400	45	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	36000		4400	63	ug/Kg	20	☼	8270C	Total/NA
Fluorene	3300	J	4400	100	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	3900	J	4400	120	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	2200	J	4400	72	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	36000		4400	91	ug/Kg	20	☼	8270C	Total/NA
Pyrene	27000		4400	28	ug/Kg	20	☼	8270C	Total/NA
Aluminum	7900		13	5.8	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		2.6	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	250		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.61		0.26	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29		0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	5100	B	66	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	10		0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.3		0.66	0.066	mg/Kg	1	☼	6010B	Total/NA
Copper	51		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	8300		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	13000		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1100	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	81		0.26	0.042	mg/Kg	1	☼	6010B	Total/NA
Nickel	630		6.6	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	5.7		5.3	0.75	mg/Kg	1	☼	6010B	Total/NA
Silver	0.41	J	0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Sodium	340	B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	27		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	2300	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	4.2		0.25	0.10	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	0.65	J	1.3	0.62	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(1-3) — Lab Sample ID: 480-25085-9

Client Sample ID: NS-SB/MW-2-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.3	J	5.7	0.76	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	120	J	1900	23	ug/Kg	10	☼	8270C	Total/NA
Acenaphthene	320	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Anthracene	810	J	1900	48	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	1600	J	1900	32	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	1500	J	1900	45	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	1800	J	1900	36	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	350	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	1200	J	1900	21	ug/Kg	10	☼	8270C	Total/NA
Carbazole	390	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Chrysene	1500	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Dibenzofuran	250	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	2900		1900	27	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	400	J	1900	52	ug/Kg	10	☼	8270C	Total/NA
Naphthalene	250	J	1900	31	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	3400		1900	39	ug/Kg	10	☼	8270C	Total/NA
Pyrene	2600		1900	12	ug/Kg	10	☼	8270C	Total/NA
Aluminum	6300		11	4.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		2.1	0.43	mg/Kg	1	☼	6010B	Total/NA
Barium	950		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.55		0.21	0.030	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5		0.21	0.032	mg/Kg	1	☼	6010B	Total/NA
Calcium	12000	B	53	3.5	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.4		0.53	0.053	mg/Kg	1	☼	6010B	Total/NA
Copper	160		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		11	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	230		1.1	0.26	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2000	B	21	0.99	mg/Kg	1	☼	6010B	Total/NA
Manganese	230		0.21	0.034	mg/Kg	1	☼	6010B	Total/NA
Nickel	17		5.3	0.24	mg/Kg	1	☼	6010B	Total/NA
Potassium	1500		32	21	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.0	J	4.3	0.61	mg/Kg	1	☼	6010B	Total/NA
Silver	1.2		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Sodium	360	B	150	14	mg/Kg	1	☼	6010B	Total/NA
Vanadium	25		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	620	B	2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	2.0		0.22	0.091	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	1.4		1.1	0.51	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(10-11) — Lab Sample ID: 480-25085-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	J	31	5.2	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	26	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
4-Methylphenol	35	J	410	12	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	100	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	43	J	210	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	240		210	5.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	630		210	3.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	640		210	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	750		210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	150	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(10-11) (Continued)

Lab Sample ID: 480-25085-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(k)fluoranthene	420		210	2.3	ug/Kg	1	☼	8270C	Total/NA
Carbazole	90	J	210	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	640		210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	50	J	210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	1300		210	3.0	ug/Kg	1	☼	8270C	Total/NA
Fluorene	32	J	210	4.8	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	150	J	210	5.8	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	47	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	1000		210	4.4	ug/Kg	1	☼	8270C	Total/NA
Pyrene	1100		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	7700		11	5.0	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	130		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.80		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.21	J	0.23	0.034	mg/Kg	1	☼	6010B	Total/NA
Calcium	11000	B	57	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		0.57	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.7		0.57	0.057	mg/Kg	1	☼	6010B	Total/NA
Copper	35		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		11	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1900		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1800	B	23	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	230		0.23	0.036	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		5.7	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	980		34	23	mg/Kg	1	☼	6010B	Total/NA
Sodium	730	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	130	B	2.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	3.9		0.24	0.099	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	0.74	J	1.2	0.57	mg/Kg	1	☼	9012A	Total/NA

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2-Trichloroethane	ND		5.5	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1-Dichloroethene	ND		5.5	0.68	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2,4-Trichlorobenzene	ND		5.5	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dibromoethane	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichloropropane	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Acetone	ND		28	4.7	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Benzene	ND		5.5	0.27	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromodichloromethane	ND		5.5	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromomethane	ND		5.5	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Carbon disulfide	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Carbon tetrachloride	ND		5.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chlorobenzene	ND		5.5	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Dibromochloromethane	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloroethane	ND		5.5	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
cis-1,2-Dichloroethene	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
cis-1,3-Dichloropropene	ND		5.5	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Dichlorodifluoromethane	ND		5.5	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methylcyclohexane	ND		5.5	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Styrene	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Tetrachloroethene	**12**		5.5	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Toluene	ND		5.5	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 01:32*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	09/13/12 22:10	09/14/12 01:32	1
Toluene-d8 (Surr)	98		71 - 125	09/13/12 22:10	09/14/12 01:32	1
4-Bromofluorobenzene (Surr)	93		72 - 126	09/13/12 22:10	09/14/12 01:32	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**340**	**J**	3700	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
bis (2-chloroisopropyl) ether	ND		3700	390	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4,5-Trichlorophenol	ND		3700	800	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4,6-Trichlorophenol	ND		3700	240	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dichlorophenol	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dimethylphenol	ND		3700	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dinitrophenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dinitrotoluene	ND		3700	570	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,6-Dinitrotoluene	ND		3700	900	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Chloronaphthalene	ND		3700	250	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Chlorophenol	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Methylnaphthalene	**1300**	**J**	3700	45	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Methylphenol	ND		3700	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Nitroaniline	ND		7200	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Nitrophenol	ND		3700	170	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
3,3'-Dichlorobenzidine	ND		3700	3200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
3-Nitroaniline	ND		7200	850	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4,6-Dinitro-2-methylphenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Bromophenyl phenyl ether	ND		3700	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chloro-3-methylphenol	ND		3700	150	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chloroaniline	ND		3700	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chlorophenyl phenyl ether	ND		3700	79	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Methylphenol	ND		7200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Nitroaniline	ND		7200	410	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Nitrophenol	ND		7200	890	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acenaphthene	**3200**	**J**	3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acenaphthylene	**460**	**J**	3700	30	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acetophenone	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Anthracene	**8300**		3700	94	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Atrazine	ND		3700	160	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzaldehyde	ND		3700	400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(a)anthracene	**17000**		3700	64	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(a)pyrene	**17000**		3700	89	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(b)fluoranthene	**20000**		3700	71	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(g,h,i)perylene	**5200**		3700	44	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(k)fluoranthene	**10000**		3700	41	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-chloroethoxy)methane	ND		3700	200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-chloroethyl)ether	ND		3700	320	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-ethylhexyl) phthalate	ND		3700	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Butyl benzyl phthalate	ND		3700	990	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Caprolactam	ND		3700	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Carbazole	**4200**		3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Chrysene	**17000**		3700	37	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Di-n-butyl phthalate	ND		3700	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Di-n-octyl phthalate	ND		3700	86	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Dibenz(a,h)anthracene	ND		3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**2500**	**J**	3700	38	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Diethyl phthalate	ND		3700	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Dimethyl phthalate	ND		3700	96	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Fluoranthene	**40000**		3700	53	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Fluorene	**2000**	**J**	3700	85	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorobenzene	ND		3700	180	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorobutadiene	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorocyclopentadiene	ND		3700	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachloroethane	ND		3700	290	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Indeno(1,2,3-cd)pyrene	**6300**		3700	100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Isophorone	ND		3700	180	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
N-Nitrosodi-n-propylamine	ND		3700	290	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
N-Nitrosodiphenylamine	ND		3700	200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Naphthalene	**2600**	**J**	3700	61	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Nitrobenzene	ND		3700	160	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Pentachlorophenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Phenanthrene	**35000**		3700	77	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Phenol	ND		3700	390	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Pyrene	**28000**		3700	24	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthraquinone	*4000*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Triphenylene, 2-methyl-	*3100*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
7,12-Dimethylbenz(a)anthracene	*1200*	*J*	*ug/Kg*	☼	*14.29*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Benzo[j]fluoranthene	*9600*	*T J N*	*ug/Kg*	☼	*14.73*	*205-82-3*	*09/14/12 12:40*	*09/17/12 15:05*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*39 - 146*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
2-Fluorobiphenyl	*99*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
2-Fluorophenol	*70*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Nitrobenzene-d5	*80*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
p-Terphenyl-d14	*108*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Phenol-d5	*79*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1221	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1232	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1242	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1248	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1254	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1260	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1262	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1268	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*36 - 182*	*09/14/12 08:15*	*09/15/12 23:07*	*1*
Tetrachloro-m-xylene	*94*		*24 - 172*	*09/14/12 08:15*	*09/15/12 23:07*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)

Lab Sample ID: 480-25085-1
Date Collected: 09/11/12 10:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		12	5.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Antimony	1.8	J	18	0.64	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Arsenic	24		2.4	0.47	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Barium	360		0.59	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Beryllium	0.50		0.24	0.033	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Cadmium	4.3		0.24	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Calcium	21000	B	59	3.9	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Chromium	21		0.59	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Cobalt	4.8		0.59	0.059	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Copper	170		1.2	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Iron	15000		12	1.3	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Lead	1400		1.2	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Magnesium	2700	B	24	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Manganese	210		0.24	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Nickel	19		5.9	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Potassium	870		35	24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Selenium	0.90	J	4.7	0.67	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Silver	1.6		0.59	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Sodium	430	B	160	15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Thallium	ND		7.1	0.35	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Vanadium	51		0.59	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Zinc	870	B	2.4	0.18	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.70		0.022	0.0087	mg/Kg	☼	09/14/12 10:15	09/14/12 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.76	J	1.1	0.53	mg/Kg	☼	09/19/12 16:00	09/20/12 00:40	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2
Date Collected: 09/11/12 10:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2-Trichloroethane	ND		6.2	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dibromo-3-Chloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dibromoethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichlorobenzene	ND		6.2	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,3-Dichlorobenzene	ND		6.2	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,4-Dichlorobenzene	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	6.7	J	31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Acetone	58		31	5.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Benzene	ND		6.2	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Dibromochloromethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloroform	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloromethane	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
cis-1,2-Dichloroethene	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
cis-1,3-Dichloropropene	ND		6.2	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Isopropylbenzene	ND		6.2	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methyl acetate	ND		6.2	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methylcyclohexane	ND		6.2	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methylene Chloride	ND		6.2	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Styrene	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Tetrachloroethene	13		6.2	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Toluene	ND		6.2	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 01:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/13/12 22:10*	*09/14/12 01:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*09/13/12 22:10*	*09/14/12 01:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*09/13/12 22:10*	*09/14/12 01:57*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	31	J	210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dimethylphenol	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dinitrophenol	ND		420	74	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dinitrotoluene	ND		210	33	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		210	52	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Methylnaphthalene	**110**	**J**	210	2.6	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Methylphenol	ND		210	6.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Nitroaniline	ND		420	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Nitrophenol	ND		210	9.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
3,3'-Dichlorobenzidine	ND		210	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
3-Nitroaniline	ND		420	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4,6-Dinitro-2-methylphenol	ND		420	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Bromophenyl phenyl ether	ND		210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chloro-3-methylphenol	ND		210	8.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chloroaniline	ND		210	62	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Methylphenol	ND		420	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Nitroaniline	ND		420	24	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Nitrophenol	ND		420	51	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acenaphthene	**350**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acenaphthylene	**66**	**J**	210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Anthracene	**790**		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Atrazine	ND		210	9.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzaldehyde	**43**	**J**	210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(a)anthracene	**1900**		210	3.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(a)pyrene	**1800**		210	5.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(b)fluoranthene	**2400**		210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(g,h,i)perylene	**460**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(k)fluoranthene	**940**		210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-chloroethoxy)methane	ND		210	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-ethylhexyl) phthalate	**190**	**J**	210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Butyl benzyl phthalate	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Caprolactam	ND		210	92	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Carbazole	**340**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Chrysene	**1800**		210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Di-n-butyl phthalate	ND		210	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Di-n-octyl phthalate	ND		210	5.0	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dibenzofuran	**230**		210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Diethyl phthalate	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dimethyl phthalate	ND		210	5.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Fluoranthene	**4100**		210	3.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Fluorene	**280**		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorobenzene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorocyclopentadiene	ND		210	64	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Indeno(1,2,3-cd)pyrene	**510**		210	5.9	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Isophorone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
N-Nitrosodiphenylamine	ND		210	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**190**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Nitrobenzene	ND		210	9.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Pentachlorophenol	ND		420	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Phenanthrene	**2900**		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Pyrene	**2800**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*2.31*		*09/14/12 12:40*	*09/17/12 15:29*	*1*
3,6,9,12,15-Pentaoxanonadecan-1-ol	*580*	*T J N*	*ug/Kg*	☼	*10.85*	*1786-94-3*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Anthraquinone	*340*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Fluoranthene, 2-methyl-	*170*	*T J N*	*ug/Kg*	☼	*12.73*	*33543-31-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
11H-Benzo[b]fluorene	*240*	*T J N*	*ug/Kg*	☼	*12.82*	*243-17-4*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Pyrene, 2-methyl-	*180*	*T J N*	*ug/Kg*	☼	*12.92*	*3442-78-2*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*13.41*		*09/14/12 12:40*	*09/17/12 15:29*	*1*
7H-Benz[de]anthracen-7-one	*170*	*T J N*	*ug/Kg*	☼	*13.45*	*82-5-3*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Triphenylene, 2-methyl-	*230*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
7,12-Dimethylbenz(a)anthracene	*70*	*J*	*ug/Kg*	☼	*14.33*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Benzo[k]fluoranthene	*320*	*T J N*	*ug/Kg*	☼	*14.57*	*207-8-9*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Benz[e]acephenanthrylene	*1100*	*T J N*	*ug/Kg*	☼	*14.73*	*205-99-2*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Perylene	*610*	*T J N*	*ug/Kg*	☼	*14.85*	*198-55-0*	*09/14/12 12:40*	*09/17/12 15:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*25*	*X*	*39 - 146*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
2-Fluorobiphenyl	*83*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
2-Fluorophenol	*48*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Nitrobenzene-d5	*78*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
p-Terphenyl-d14	*84*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Phenol-d5	*76*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1221	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1232	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1242	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1248	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1254	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1260	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1262	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1268	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 18:50*	*1*
Tetrachloro-m-xylene	*93*		*24 - 172*	*09/14/12 08:15*	*09/15/12 18:50*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8000**		13	5.7	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Antimony	ND		19	0.69	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Arsenic	**28**		2.6	0.51	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Barium	**85**		0.64	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2

Date Collected: 09/11/12 10:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.8

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.53		0.26	0.036	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Cadmium	0.25	J	0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Calcium	12000	B	64	4.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Chromium	20		0.64	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Cobalt	7.6		0.64	0.064	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Copper	44		1.3	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Iron	17000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Lead	180		1.3	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Magnesium	3400	B	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Manganese	270		0.26	0.041	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Nickel	28		6.4	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Potassium	910		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Selenium	1.2	J	5.1	0.73	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Silver	ND		0.64	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Sodium	200	B	180	17	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Thallium	ND		7.7	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Vanadium	22		0.64	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Zinc	150	B	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.026	0.011	mg/Kg	☼	09/14/12 10:15	09/14/12 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.59	mg/Kg	☼	09/19/12 16:00	09/20/12 00:41	1

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2-Trichloroethane	ND		6.3	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1-Dichloroethane	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1-Dichloroethene	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dibromo-3-Chloropropane	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dibromoethane	ND		6.3	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichlorobenzene	ND		6.3	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichloroethane	ND		6.3	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichloropropane	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,3-Dichlorobenzene	ND		6.3	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,4-Dichlorobenzene	ND		6.3	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Acetone	ND		31	5.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Benzene	ND		6.3	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		6.3	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Bromoform	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Bromomethane	ND		6.3	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Carbon disulfide	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Carbon tetrachloride	ND		6.3	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chlorobenzene	ND		6.3	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Dibromochloromethane	ND		6.3	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloroethane	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloroform	ND		6.3	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloromethane	ND		6.3	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
cis-1,2-Dichloroethene	ND		6.3	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
cis-1,3-Dichloropropene	ND		6.3	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Cyclohexane	ND		6.3	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Dichlorodifluoromethane	ND		6.3	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Ethylbenzene	ND		6.3	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Isopropylbenzene	ND		6.3	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methyl acetate	ND		6.3	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methyl tert-butyl ether	ND		6.3	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methylcyclohexane	ND		6.3	0.96	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methylene Chloride	ND		6.3	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Styrene	ND		6.3	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Tetrachloroethene	**28**		6.3	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Toluene	ND		6.3	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Trichloroethene	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Trichlorofluoromethane	ND		6.3	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Vinyl chloride	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 02:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*09/13/12 22:10*	*09/14/12 02:23*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/13/12 22:10*	*09/14/12 02:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*09/13/12 22:10*	*09/14/12 02:23*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4200	260	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
bis (2-chloroisopropyl) ether	ND		4200	440	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4,5-Trichlorophenol	ND		4200	920	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4,6-Trichlorophenol	ND		4200	280	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dichlorophenol	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dimethylphenol	ND		4200	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dinitrophenol	ND		8200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dinitrotoluene	ND		4200	650	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,6-Dinitrotoluene	ND		4200	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Chloronaphthalene	ND		4200	280	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Chlorophenol	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Methylnaphthalene	**480**	**J**	4200	51	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		4200	130	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Nitroaniline	ND		8200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Nitrophenol	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
3,3'-Dichlorobenzidine	ND		4200	3700	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
3-Nitroaniline	ND		8200	970	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4,6-Dinitro-2-methylphenol	ND		8200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Bromophenyl phenyl ether	ND		4200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chloro-3-methylphenol	ND		4200	170	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chloroaniline	ND		4200	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chlorophenyl phenyl ether	ND		4200	90	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Methylphenol	ND		8200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Nitroaniline	ND		8200	470	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Nitrophenol	ND		8200	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acenaphthene	**2800**	**J**	4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acenaphthylene	**360**	**J**	4200	34	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acetophenone	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Anthracene	**10000**		4200	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Atrazine	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzaldehyde	ND		4200	460	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(a)anthracene	**31000**		4200	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(a)pyrene	**28000**		4200	100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(b)fluoranthene	**33000**		4200	82	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(g,h,i)perylene	**6400**		4200	50	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(k)fluoranthene	**17000**		4200	46	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-chloroethoxy)methane	ND		4200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-chloroethyl)ether	ND		4200	360	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-ethylhexyl) phthalate	ND		4200	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Butyl benzyl phthalate	ND		4200	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Caprolactam	ND		4200	1800	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Carbazole	**1700**	**J**	4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Chrysene	**33000**		4200	42	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Di-n-butyl phthalate	ND		4200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Di-n-octyl phthalate	ND		4200	98	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dibenz(a,h)anthracene	ND		4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dibenzofuran	**1500**	**J**	4200	44	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Diethyl phthalate	ND		4200	130	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dimethyl phthalate	ND		4200	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Fluoranthene	**63000**		4200	61	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Fluorene	**1600**	**J**	4200	97	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorobenzene	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorobutadiene	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorocyclopentadiene	ND		4200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachloroethane	ND		4200	330	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Indeno(1,2,3-cd)pyrene	**7200**		4200	120	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Isophorone	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
N-Nitrosodi-n-propylamine	ND		4200	330	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
N-Nitrosodiphenylamine	ND		4200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Naphthalene	**650**	**J**	4200	70	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Nitrobenzene	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Pentachlorophenol	ND		8200	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Phenanthrene	**36000**		4200	88	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		4200	440	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Pyrene	**48000**		4200	27	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phenanthrene, 2-methyl-	*8600*	*T J N*	*ug/Kg*	☼	*11.67*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenanthrene, 2-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*11.70*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*11.78*		*09/14/12 12:40*	*09/17/12 15:53*	*20*
1H-Indene, 2-phenyl-	*9000*	*T J N*	*ug/Kg*	☼	*11.80*	*4505-48-0*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Anthraquinone	*5400*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenanthrene, 2,5-dimethyl-	*9400*	*T J N*	*ug/Kg*	☼	*12.19*	*3674-66-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Fluoranthene, 2-methyl-	*4400*	*T J N*	*ug/Kg*	☼	*12.83*	*33543-31-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Pyrene, 2-methyl-	*3900*	*T J N*	*ug/Kg*	☼	*12.92*	*3442-78-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Benzo[b]naphtho[2,3-d]thiophene	*3500*	*T J N*	*ug/Kg*	☼	*13.36*	*243-46-9*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Triphenylene, 2-methyl-	*4500*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
7,12-Dimethylbenz(a)anthracene	*1500*	*J*	*ug/Kg*	☼	*14.33*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Perylene	*16000*	*T J N*	*ug/Kg*	☼	*14.73*	*198-55-0*	*09/14/12 12:40*	*09/17/12 15:53*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*39 - 146*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
2-Fluorobiphenyl	*108*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
2-Fluorophenol	*76*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Nitrobenzene-d5	*86*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
p-Terphenyl-d14	*119*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenol-d5	*87*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1221	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1232	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1242	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1248	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1254	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1260	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1262	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1268	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 19:10*	*1*
Tetrachloro-m-xylene	*104*		*24 - 172*	*09/14/12 08:15*	*09/15/12 19:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3100**		13	5.6	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Antimony	**25**		19	0.68	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Arsenic	**62**		2.5	0.51	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Barium	**320**		0.63	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Beryllium	**0.42**		0.25	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Cadmium	**110**		0.25	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Calcium	**5200**	**B**	63	4.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Chromium	**28**		0.63	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Cobalt	**4.6**		0.63	0.063	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	1500		1.3	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Iron	91000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Lead	3500		1.3	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Magnesium	900	B	25	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Manganese	190		0.25	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Nickel	26		6.3	0.29	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Potassium	1400		38	25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Selenium	7.5		5.1	0.72	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Silver	1.7		0.63	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Sodium	540	B	180	16	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Thallium	ND		7.6	0.38	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Vanadium	26		0.63	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Zinc	6900	B	13	0.97	mg/Kg	☼	09/14/12 09:50	09/17/12 15:46	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	7.7		0.51	0.21	mg/Kg	☼	09/14/12 10:15	09/14/12 15:17	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.94	J	1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:42	1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4

Date Collected: 09/11/12 13:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Acetone	ND		30	5.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Date Collected: 09/11/12 13:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-4
Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Tetrachloroethene	**1.5**	**J**	6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 02:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*09/13/12 22:10*	*09/14/12 02:49*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*09/13/12 22:10*	*09/14/12 02:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 02:49*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dimethylphenol	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dinitrophenol	ND		410	73	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dinitrotoluene	ND		210	32	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,6-Dinitrotoluene	ND		210	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Methylnaphthalene	**24**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Methylphenol	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Nitroaniline	ND		410	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Nitrophenol	ND		210	9.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
3,3'-Dichlorobenzidine	ND		210	180	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
3-Nitroaniline	ND		410	48	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Date Collected: 09/11/12 13:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-4
Matrix: Solid
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Bromophenyl phenyl ether	ND		210	66	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chloro-3-methylphenol	ND		210	8.6	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chloroaniline	ND		210	61	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Methylphenol	ND		410	12	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Nitroaniline	ND		410	23	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Nitrophenol	ND		410	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acenaphthene	**44**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acenaphthylene	ND		210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Anthracene	**62**	**J**	210	5.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Atrazine	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzaldehyde	ND		210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(a)anthracene	**150**	**J**	210	3.6	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(a)pyrene	**140**	**J**	210	5.0	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(b)fluoranthene	**190**	**J**	210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(g,h,i)perylene	**32**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(k)fluoranthene	**86**	**J**	210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-chloroethoxy)methane	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-ethylhexyl) phthalate	ND		210	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Butyl benzyl phthalate	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Caprolactam	ND		210	90	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Carbazole	**41**	**J**	210	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Chrysene	**170**	**J**	210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Di-n-butyl phthalate	ND		210	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Di-n-octyl phthalate	ND		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dibenzofuran	**32**	**J**	210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Diethyl phthalate	ND		210	6.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dimethyl phthalate	ND		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Fluoranthene	**300**		210	3.0	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Fluorene	ND		210	4.8	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorobenzene	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorocyclopentadiene	ND		210	63	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Indeno(1,2,3-cd)pyrene	**39**	**J**	210	5.8	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Isophorone	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
N-Nitrosodiphenylamine	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Naphthalene	**82**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Nitrobenzene	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Pentachlorophenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Phenanthrene	**430**		210	4.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Pyrene	**300**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.29*		*09/14/12 12:40*	*09/17/12 16:16*	*1*

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Date Collected: 09/11/12 13:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-4
Matrix: Solid
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethane, 1,1,2,2-tetrachloro-	350	T J N	ug/Kg	☼	5.01	79-34-5	09/14/12 12:40	09/17/12 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		39 - 146	09/14/12 12:40	09/17/12 16:16	1
2-Fluorobiphenyl	80		37 - 120	09/14/12 12:40	09/17/12 16:16	1
2-Fluorophenol	65		18 - 120	09/14/12 12:40	09/17/12 16:16	1
Nitrobenzene-d5	73		34 - 132	09/14/12 12:40	09/17/12 16:16	1
p-Terphenyl-d14	84		65 - 153	09/14/12 12:40	09/17/12 16:16	1
Phenol-d5	74		11 - 120	09/14/12 12:40	09/17/12 16:16	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1221	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1232	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1242	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1248	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1254	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1260	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1262	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1268	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		36 - 182	09/18/12 09:15	09/19/12 19:36	1
Tetrachloro-m-xylene	102		24 - 172	09/18/12 09:15	09/19/12 19:36	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		13	5.9	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Antimony	ND		20	0.72	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Arsenic	**5.0**		2.7	0.53	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Barium	**72**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Beryllium	**1.0**		0.27	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Cadmium	**14**		0.27	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Calcium	**2100**	**B**	67	4.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Chromium	**15**		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Cobalt	**5.8**		0.67	0.067	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Copper	**18**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Iron	**16000**		13	1.5	mg/Kg	☼	09/14/12 09:50	09/17/12 15:54	1
Lead	**490**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Magnesium	**2900**	**B**	27	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Manganese	**260**		0.27	0.043	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Nickel	**20**		6.7	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Potassium	**1100**		40	27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Selenium	ND		5.3	0.76	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Silver	ND		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Sodium	**91**	**J B**	190	17	mg/Kg	☼	09/14/12 09:50	09/17/12 15:54	1
Thallium	ND		8.0	0.40	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Vanadium	**23**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Zinc	**1800**	**B**	2.7	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4
Date Collected: 09/11/12 13:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.023	0.0094	mg/Kg	☼	09/14/12 10:15	09/14/12 14:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:45	1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5
Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2-Trichloroethane	ND		6.9	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1-Dichloroethane	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1-Dichloroethene	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2,4-Trichlorobenzene	ND		6.9	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dibromo-3-Chloropropane	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dibromoethane	ND		6.9	0.89	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichlorobenzene	ND		6.9	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichloroethane	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichloropropane	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,3-Dichlorobenzene	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,4-Dichlorobenzene	ND		6.9	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
2-Hexanone	ND		35	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
2-Butanone (MEK)	ND		35	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
4-Methyl-2-pentanone (MIBK)	ND		35	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Acetone	ND		35	5.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Benzene	ND		6.9	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromodichloromethane	ND		6.9	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromomethane	ND		6.9	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Carbon disulfide	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Carbon tetrachloride	ND		6.9	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chlorobenzene	ND		6.9	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Dibromochloromethane	ND		6.9	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloroethane	ND		6.9	1.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloroform	ND		6.9	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloromethane	ND		6.9	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
cis-1,2-Dichloroethene	ND		6.9	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
cis-1,3-Dichloropropene	ND		6.9	0.99	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Cyclohexane	ND		6.9	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Dichlorodifluoromethane	ND		6.9	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Ethylbenzene	ND		6.9	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Isopropylbenzene	ND		6.9	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methyl acetate	ND		6.9	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methyl tert-butyl ether	ND		6.9	0.68	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methylcyclohexane	ND		6.9	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methylene Chloride	ND		6.9	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)
Date Collected: 09/12/12 10:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-5
Matrix: Solid
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Tetrachloroethene	**270**		6.9	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Toluene	ND		6.9	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
trans-1,2-Dichloroethene	ND		6.9	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
trans-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Trichloroethene	ND		6.9	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Trichlorofluoromethane	ND		6.9	0.65	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Vinyl chloride	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*09/13/12 22:10*	*09/14/12 04:06*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*09/13/12 22:10*	*09/14/12 04:06*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*09/13/12 22:10*	*09/14/12 04:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4600	290	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
bis (2-chloroisopropyl) ether	ND		4600	480	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4,5-Trichlorophenol	ND		4600	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4,6-Trichlorophenol	ND		4600	300	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dichlorophenol	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dimethylphenol	ND		4600	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dinitrophenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dinitrotoluene	ND		4600	710	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,6-Dinitrotoluene	ND		4600	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Chloronaphthalene	ND		4600	310	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Chlorophenol	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Methylnaphthalene	ND		4600	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Methylphenol	ND		4600	140	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Nitroaniline	ND		9000	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Nitrophenol	ND		4600	210	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
3,3'-Dichlorobenzidine	ND		4600	4000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
3-Nitroaniline	ND		9000	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4,6-Dinitro-2-methylphenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Bromophenyl phenyl ether	ND		4600	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chloro-3-methylphenol	ND		4600	190	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chloroaniline	ND		4600	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chlorophenyl phenyl ether	ND		4600	98	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Methylphenol	ND		9000	260	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Nitroaniline	ND		9000	510	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Nitrophenol	ND		9000	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Acenaphthene	**310**	**J**	4600	54	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Acenaphthylene	ND		4600	38	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Acetophenone	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Anthracene	**820**	**J**	4600	120	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Atrazine	ND		4600	200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzaldehyde	ND		4600	510	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(a)anthracene	**1600**	**J**	4600	80	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)
Date Collected: 09/12/12 10:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-5
Matrix: Solid
Percent Solids: 72.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)pyrene	**1600**	**J**	4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(b)fluoranthene	**1800**	**J**	4600	89	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(g,h,i)perylene	**450**	**J**	4600	55	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(k)fluoranthene	**980**	**J**	4600	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-chloroethoxy)methane	ND		4600	250	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-chloroethyl)ether	ND		4600	400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-ethylhexyl) phthalate	ND		4600	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Butyl benzyl phthalate	ND		4600	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Caprolactam	ND		4600	2000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Carbazole	ND		4600	53	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Chrysene	**1800**	**J**	4600	46	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Di-n-butyl phthalate	ND		4600	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Di-n-octyl phthalate	ND		4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dibenz(a,h)anthracene	ND		4600	54	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dibenzofuran	ND		4600	48	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Diethyl phthalate	ND		4600	140	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dimethyl phthalate	ND		4600	120	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Fluoranthene	**1900**	**J**	4600	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Fluorene	ND		4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorobenzene	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorobutadiene	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorocyclopentadiene	ND		4600	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachloroethane	ND		4600	360	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Indeno(1,2,3-cd)pyrene	**500**	**J**	4600	130	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Isophorone	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
N-Nitrosodi-n-propylamine	ND		4600	360	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
N-Nitrosodiphenylamine	ND		4600	250	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Naphthalene	ND		4600	77	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Nitrobenzene	ND		4600	200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Pentachlorophenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Phenanthrene	**3800**	**J**	4600	97	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Phenol	ND		4600	480	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Pyrene	**3100**	**J**	4600	30	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/14/12 12:40*	*09/17/12 16:40*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*39 - 146*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
2-Fluorobiphenyl	*106*		*37 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
2-Fluorophenol	*73*		*18 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
Nitrobenzene-d5	*87*		*34 - 132*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
p-Terphenyl-d14	*113*		*65 - 153*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
Phenol-d5	*84*		*11 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1221	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1232	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1242	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1248	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1260	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1262	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1268	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*36 - 182*	*09/14/12 08:15*	*09/15/12 20:29*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*09/14/12 08:15*	*09/15/12 20:29*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3800**		13	5.9	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Antimony	ND		100	3.6	mg/Kg	☼	09/14/12 09:50	09/17/12 15:52	5
Arsenic	**13**		2.7	0.54	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Barium	**250**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Beryllium	**0.32**		0.27	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Cadmium	**0.51**		0.27	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Calcium	**4100**	**B**	67	4.4	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Chromium	**8.8**		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Cobalt	**12**		0.67	0.067	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Copper	**310**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Iron	**63000**		13	1.5	mg/Kg	☼	09/14/12 09:50	09/17/12 16:00	1
Lead	**200**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Magnesium	**620**	**B**	27	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Manganese	**830**		0.27	0.043	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Nickel	**26**		6.7	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Potassium	**1400**		40	27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Selenium	**1.8**	**J**	5.4	0.77	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Silver	**0.38**	**J**	0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Sodium	**200**	**B**	190	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:00	1
Thallium	ND		8.1	0.40	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Vanadium	**21**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Zinc	**250**	**B**	2.7	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.59**		0.025	0.010	mg/Kg	☼	09/14/12 10:15	09/14/12 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**2.4**		1.3	0.63	mg/Kg	☼	09/19/12 16:00	09/20/12 00:47	1

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Date Collected: 09/12/12 10:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11) — **Lab Sample ID: 480-25085-6**
Date Collected: 09/12/12 10:45 — **Matrix: Solid**
Date Received: 09/13/12 09:00 — **Percent Solids: 82.5**

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Acetone	**18**	**J**	30	5.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Tetrachloroethene	**51**		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*09/13/12 22:10*	*09/14/12 04:31*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*09/13/12 22:10*	*09/14/12 04:31*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)
Date Collected: 09/12/12 10:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-6
Matrix: Solid
Percent Solids: 82.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 126	09/13/12 22:10	09/14/12 04:31	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**230**	**J**	2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
bis (2-chloroisopropyl) ether	ND		2000	210	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4,5-Trichlorophenol	ND		2000	440	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4,6-Trichlorophenol	ND		2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dichlorophenol	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dimethylphenol	ND		2000	540	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dinitrophenol	ND		3900	700	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dinitrotoluene	ND		2000	310	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,6-Dinitrotoluene	ND		2000	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Chloronaphthalene	ND		2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Chlorophenol	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Methylnaphthalene	**790**	**J**	2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Methylphenol	ND		2000	62	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Nitroaniline	ND		3900	650	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Nitrophenol	ND		2000	92	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
3,3'-Dichlorobenzidine	ND		2000	1800	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
3-Nitroaniline	ND		3900	460	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4,6-Dinitro-2-methylphenol	ND		3900	690	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Bromophenyl phenyl ether	ND		2000	640	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chloro-3-methylphenol	ND		2000	83	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chloroaniline	ND		2000	590	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chlorophenyl phenyl ether	ND		2000	43	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Methylphenol	ND		3900	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Nitroaniline	ND		3900	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Nitrophenol	ND		3900	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acenaphthene	**3200**		2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acenaphthylene	**110**	**J**	2000	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acetophenone	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Anthracene	**5800**		2000	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Atrazine	ND		2000	90	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzaldehyde	ND		2000	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(a)anthracene	**7400**		2000	35	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(a)pyrene	**7100**		2000	48	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(b)fluoranthene	**7700**		2000	39	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(g,h,i)perylene	**1700**	**J**	2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(k)fluoranthene	**4100**		2000	22	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-chloroethoxy)methane	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-chloroethyl)ether	ND		2000	170	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-ethylhexyl) phthalate	ND		2000	650	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Butyl benzyl phthalate	ND		2000	540	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Caprolactam	ND		2000	870	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Carbazole	**2200**		2000	23	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Chrysene	**6800**		2000	20	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Di-n-butyl phthalate	ND		2000	700	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Di-n-octyl phthalate	ND		2000	47	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Dibenz(a,h)anthracene	ND		2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Dibenzofuran	**2000**		2000	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10

Client Sample ID: NS-SB/MW-6-SO-(10-11)
Date Collected: 09/12/12 10:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-6
Matrix: Solid
Percent Solids: 82.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		2000	61	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Dimethyl phthalate	ND		2000	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Fluoranthene	**19000**		2000	29	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Fluorene	**2000**		2000	46	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorobenzene	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorobutadiene	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorocyclopentadiene	ND		2000	610	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachloroethane	ND		2000	160	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Indeno(1,2,3-cd)pyrene	**1700**	**J**	2000	56	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Isophorone	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
N-Nitrosodi-n-propylamine	ND		2000	160	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
N-Nitrosodiphenylamine	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Naphthalene	**1700**	**J**	2000	33	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Nitrobenzene	ND		2000	89	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Pentachlorophenol	ND		3900	690	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Phenanthrene	**20000**		2000	42	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Phenol	ND		2000	210	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Pyrene	**14000**		2000	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3400*	*T J*	*ug/Kg*	☼	*11.78*		*09/14/12 12:40*	*09/17/12 17:03*	*10*
Perylene	*3600*	*T J N*	*ug/Kg*	☼	*14.72*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:03*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
2-Fluorobiphenyl	*84*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
2-Fluorophenol	*61*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
Nitrobenzene-d5	*70*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
p-Terphenyl-d14	*95*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
Phenol-d5	*70*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1221	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1232	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1242	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1248	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1254	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1260	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1262	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1268	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*154*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:28*	*1*
Tetrachloro-m-xylene	*156*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:28*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		12	5.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Antimony	ND		17	0.63	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Arsenic	**7.5**		2.3	0.46	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6
Date Collected: 09/12/12 10:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.5

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	210		0.58	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Beryllium	0.41		0.23	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Cadmium	0.47		0.23	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Calcium	9000	B	58	3.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Chromium	14		0.58	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Cobalt	6.6		0.58	0.058	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Copper	100		1.2	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Iron	17000		12	1.3	mg/Kg	☼	09/14/12 09:50	09/17/12 16:03	1
Lead	140		1.2	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Magnesium	2000	B	23	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Manganese	290		0.23	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Nickel	13		5.8	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Potassium	790		35	23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Selenium	0.68	J	4.6	0.66	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Silver	ND		0.58	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Sodium	180	B	160	15	mg/Kg	☼	09/14/12 09:50	09/17/12 16:03	1
Thallium	ND		7.0	0.35	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Vanadium	18		0.58	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Zinc	600	B	2.3	0.18	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.023	0.0094	mg/Kg	☼	09/14/12 10:15	09/14/12 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.56	mg/Kg	☼	09/19/12 16:00	09/20/12 00:48	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7
Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			09/19/12 15:01	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 15:01	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 15:01	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 15:01	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 15:01	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 15:01	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 15:01	10
Tetrachloroethene	0.042		0.010	0.0036	mg/L			09/19/12 15:01	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 15:01	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 15:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*09/19/12 15:01*	*10*
Toluene-d8 (Surr)	*86*		*71 - 126*		*09/19/12 15:01*	*10*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/19/12 15:01*	*10*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.98	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2-Trichloroethane	ND		6.1	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1-Dichloroethane	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1-Dichloroethene	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2,4-Trichlorobenzene	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dibromoethane	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichlorobenzene	ND		6.1	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichloroethane	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichloropropane	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,3-Dichlorobenzene	ND		6.1	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,4-Dichlorobenzene	ND		6.1	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Acetone	ND		30	5.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Benzene	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromodichloromethane	ND		6.1	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromoform	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromomethane	ND		6.1	0.55	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Carbon disulfide	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Carbon tetrachloride	ND		6.1	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chlorobenzene	ND		6.1	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Dibromochloromethane	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloroethane	ND		6.1	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloroform	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloromethane	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
cis-1,2-Dichloroethene	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
cis-1,3-Dichloropropene	ND		6.1	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Cyclohexane	ND		6.1	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Dichlorodifluoromethane	ND		6.1	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Ethylbenzene	ND		6.1	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Isopropylbenzene	ND		6.1	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methyl acetate	ND		6.1	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methyl tert-butyl ether	ND		6.1	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methylcyclohexane	ND		6.1	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methylene Chloride	**10**		6.1	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Styrene	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Toluene	ND		6.1	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
trans-1,2-Dichloroethene	ND		6.1	0.63	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
trans-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Trichloroethene	**1.8**	**J**	6.1	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Trichlorofluoromethane	ND		6.1	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Vinyl chloride	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:57*	*1*

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	09/13/12 22:10	09/14/12 04:57	1
Toluene-d8 (Surr)	105		71 - 125	09/13/12 22:10	09/14/12 04:57	1
4-Bromofluorobenzene (Surr)	88		72 - 126	09/13/12 22:10	09/14/12 04:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**690**		31	4.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼			09/16/12 12:06	09/16/12 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	09/16/12 12:06	09/16/12 13:08	1
Toluene-d8 (Surr)	108		71 - 125	09/16/12 12:06	09/16/12 13:08	1
4-Bromofluorobenzene (Surr)	90		72 - 126	09/16/12 12:06	09/16/12 13:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4,5-Trichlorophenol	ND		200	44	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4,6-Trichlorophenol	ND		200	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dichlorophenol	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dimethylphenol	ND		200	55	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dinitrophenol	ND		400	71	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dinitrotoluene	ND		200	31	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,6-Dinitrotoluene	ND		200	50	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Chloronaphthalene	ND		200	14	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Chlorophenol	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Methylnaphthalene	**72**	**J**	200	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Methylphenol	ND		200	6.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Nitroaniline	ND		400	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Nitrophenol	ND		200	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
3-Nitroaniline	ND		400	47	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4,6-Dinitro-2-methylphenol	ND		400	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Bromophenyl phenyl ether	ND		200	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chloro-3-methylphenol	ND		200	8.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chloroaniline	ND		200	60	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Methylphenol	ND		400	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Nitroaniline	ND		400	23	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Nitrophenol	ND		400	49	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acenaphthene	**320**		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acenaphthylene	**63**	**J**	200	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acetophenone	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Anthracene	**740**		200	5.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Atrazine	ND		200	9.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzaldehyde	ND		200	22	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(a)anthracene	**1400**		200	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(a)pyrene	**1300**		200	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(b)fluoranthene	**1500**		200	3.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(g,h,i)perylene	**290**		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(k)fluoranthene	**770**		200	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-chloroethyl)ether	ND		200	18	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-ethylhexyl) phthalate	ND		200	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Butyl benzyl phthalate	ND		200	54	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Caprolactam	ND		200	88	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Carbazole	**290**		200	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Chrysene	**1400**		200	2.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Di-n-butyl phthalate	ND		200	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Di-n-octyl phthalate	ND		200	4.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dibenz(a,h)anthracene	ND		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dibenzofuran	**220**		200	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Diethyl phthalate	ND		200	6.1	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dimethyl phthalate	ND		200	5.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Fluoranthene	**3300**		200	2.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Fluorene	**270**		200	4.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorobenzene	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorobutadiene	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorocyclopentadiene	ND		200	61	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachloroethane	ND		200	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Indeno(1,2,3-cd)pyrene	**310**		200	5.6	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Isophorone	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Naphthalene	**130**	**J**	200	3.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Nitrobenzene	ND		200	9.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Pentachlorophenol	ND		400	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Phenanthrene	**2900**		200	4.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Phenol	ND		200	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Pyrene	**2300**		200	1.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.32*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
Tetrachloroethylene	*2100*	*T J N*	*ug/Kg*	☼	*3.68*	*127-18-4*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Phenanthrene, 2-methyl-	*450*	*T J N*	*ug/Kg*	☼	*11.70*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Unknown	*620*	*T J*	*ug/Kg*	☼	*11.77*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
Anthraquinone	*200*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
11H-Benzo[b]fluorene	*210*	*T J N*	*ug/Kg*	☼	*12.82*	*243-17-4*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Triphenylene, 2-methyl-	*170*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*14.00*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
7,12-Dimethylbenz(a)anthracene	*50*	*J*	*ug/Kg*	☼	*14.32*	*57-97-6*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Perylene	*710*	*T J N*	*ug/Kg*	☼	*14.72*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
2-Fluorobiphenyl	*79*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
2-Fluorophenol	*62*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Nitrobenzene-d5	*76*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
p-Terphenyl-d14	*82*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Phenol-d5	*73*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 17:44	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 17:44	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 17:44	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 17:44	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 17:44	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 17:44	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 17:44	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 17:44	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 17:44	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
2-Fluorophenol	*47*		*20 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
p-Terphenyl-d14	*104*		*67 - 150*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
Phenol-d5	*33*		*16 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*

Method: 8081A - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 06:56	09/20/12 16:42	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 06:56	09/20/12 16:42	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 16:42	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 06:56	09/20/12 16:42	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 06:56	09/20/12 16:42	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 16:42	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 06:56	09/20/12 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*16 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*
Tetrachloro-m-xylene	*70*		*35 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1221	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1232	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1242	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1248	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1254	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1260	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1262	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1268	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:48*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:48*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 17:32	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*23*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 17:32*	*1*

Method: 1110A - Corrosivity Toward Steel

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	0.98		0.10	0.10	mm/year			09/24/12 09:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4000		13	5.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Antimony	1.4	J	20	0.71	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Arsenic	17		2.6	0.52	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Barium	1300		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Beryllium	0.32		0.26	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Cadmium	2.7		0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Calcium	32000	B	66	4.3	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Chromium	18		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Cobalt	4.7		0.66	0.066	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Copper	490		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Iron	16000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/17/12 16:05	1
Lead	370		1.3	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Magnesium	1200	B	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Manganese	240		0.26	0.042	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Nickel	88		6.6	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Potassium	590		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Selenium	1.1	J	5.2	0.75	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Silver	ND		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Sodium	170	J B	180	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:05	1
Thallium	ND		7.9	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Vanadium	18		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Zinc	1100	B	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:45	1
Barium	2.2	B	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:45	1
Cadmium	0.0018		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:45	1
Chromium	0.031	B	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:45	1
Lead	0.43		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:45	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:45	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:45	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0015		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:58	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.30		0.024	0.0099	mg/Kg	☼	09/14/12 10:15	09/14/12 14:40	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	**55**		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1
Cyanide, Total	ND		1.1	0.55	mg/Kg	☼	09/19/12 16:00	09/20/12 00:49	1
Halogens, Extractable Organic	**10**	**J**	12	8.5	mg/Kg	☼	09/20/12 06:00	09/20/12 07:01	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			09/14/12 18:48	1
pH	**7.94**		0.100	0.100	SU			09/17/12 20:45	1

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 75.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2-Trichloroethane	ND		6.5	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1-Dichloroethane	ND		6.5	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1-Dichloroethene	ND		6.5	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2,4-Trichlorobenzene	ND		6.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dibromo-3-Chloropropane	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dibromoethane	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichlorobenzene	ND		6.5	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichloroethane	ND		6.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichloropropane	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,3-Dichlorobenzene	ND		6.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,4-Dichlorobenzene	ND		6.5	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
2-Butanone (MEK)	**24**	**J**	32	2.4	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Acetone	**110**		32	5.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Benzene	ND		6.5	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromodichloromethane	ND		6.5	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromoform	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromomethane	ND		6.5	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Carbon disulfide	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Carbon tetrachloride	ND		6.5	0.63	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chlorobenzene	ND		6.5	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Dibromochloromethane	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloroethane	ND		6.5	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloroform	ND		6.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloromethane	ND		6.5	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
cis-1,2-Dichloroethene	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
cis-1,3-Dichloropropene	ND		6.5	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Cyclohexane	ND		6.5	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Dichlorodifluoromethane	ND		6.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Ethylbenzene	ND		6.5	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Isopropylbenzene	ND		6.5	0.98	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methyl acetate	ND		6.5	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methyl tert-butyl ether	ND		6.5	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid
Percent Solids: 75.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		6.5	0.99	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methylene Chloride	ND		6.5	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Styrene	ND		6.5	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Tetrachloroethene	**2.3**	**J**	6.5	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Toluene	ND		6.5	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
trans-1,2-Dichloroethene	ND		6.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Trichloroethene	ND		6.5	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Trichlorofluoromethane	ND		6.5	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Vinyl chloride	ND		6.5	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 05:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/13/12 22:10*	*09/14/12 05:22*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*09/13/12 22:10*	*09/14/12 05:22*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 05:22*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**450**	**J**	4400	270	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
bis (2-chloroisopropyl) ether	ND		4400	450	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4,5-Trichlorophenol	ND		4400	950	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4,6-Trichlorophenol	ND		4400	290	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dichlorophenol	ND		4400	230	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dimethylphenol	ND		4400	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dinitrophenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dinitrotoluene	ND		4400	670	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,6-Dinitrotoluene	ND		4400	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Chloronaphthalene	ND		4400	290	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Chlorophenol	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Methylnaphthalene	**1100**	**J**	4400	53	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Methylphenol	ND		4400	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Nitroaniline	ND		8500	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Nitrophenol	ND		4400	200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
3,3'-Dichlorobenzidine	ND		4400	3800	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
3-Nitroaniline	ND		8500	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4,6-Dinitro-2-methylphenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Bromophenyl phenyl ether	ND		4400	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chloro-3-methylphenol	ND		4400	180	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chloroaniline	ND		4400	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chlorophenyl phenyl ether	ND		4400	93	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Methylphenol	ND		8500	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Nitroaniline	ND		8500	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Nitrophenol	ND		8500	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Acenaphthene	**5600**		4400	51	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Acenaphthylene	**330**	**J**	4400	36	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Acetophenone	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Anthracene	**11000**		4400	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Atrazine	ND		4400	190	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid
Percent Solids: 75.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		4400	480	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(a)anthracene	**15000**		4400	75	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(a)pyrene	**16000**		4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(b)fluoranthene	**18000**		4400	84	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(g,h,i)perylene	**3700**	**J**	4400	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(k)fluoranthene	**7800**		4400	48	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-chloroethoxy)methane	ND		4400	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-chloroethyl)ether	ND		4400	380	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-ethylhexyl) phthalate	ND		4400	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Butyl benzyl phthalate	ND		4400	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Caprolactam	ND		4400	1900	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Carbazole	**3500**	**J**	4400	50	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Chrysene	**14000**		4400	43	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Di-n-butyl phthalate	ND		4400	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Di-n-octyl phthalate	ND		4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dibenz(a,h)anthracene	ND		4400	51	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dibenzofuran	**2800**	**J**	4400	45	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Diethyl phthalate	ND		4400	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dimethyl phthalate	ND		4400	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Fluoranthene	**36000**		4400	63	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Fluorene	**3300**	**J**	4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorobenzene	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorobutadiene	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorocyclopentadiene	ND		4400	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachloroethane	ND		4400	340	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Indeno(1,2,3-cd)pyrene	**3900**	**J**	4400	120	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Isophorone	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
N-Nitrosodi-n-propylamine	ND		4400	340	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
N-Nitrosodiphenylamine	ND		4400	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Naphthalene	**2200**	**J**	4400	72	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Nitrobenzene	ND		4400	190	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Pentachlorophenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Phenanthrene	**36000**		4400	91	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Phenol	ND		4400	460	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Pyrene	**27000**		4400	28	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6200*	*T J*	*ug/Kg*	☼	*11.76*		*09/14/12 12:40*	*09/17/12 17:50*	*20*
Perylene	*8500*	*T J N*	*ug/Kg*	☼	*14.71*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:50*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
2-Fluorobiphenyl	*111*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
2-Fluorophenol	*78*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
Nitrobenzene-d5	*84*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
p-Terphenyl-d14	*113*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
Phenol-d5	*86*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1221	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 75.4

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1242	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1248	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1254	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1260	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1262	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1268	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:08*	*1*
Tetrachloro-m-xylene	*90*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:08*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		13	5.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Antimony	ND		20	0.71	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Arsenic	**11**		2.6	0.53	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Barium	**250**		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Beryllium	**0.61**		0.26	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Cadmium	**0.29**		0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Calcium	**5100**	**B**	66	4.3	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Chromium	**10**		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Cobalt	**8.3**		0.66	0.066	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Copper	**51**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Iron	**8300**		13	1.4	mg/Kg	☼	09/14/12 09:50	09/17/12 16:07	1
Lead	**13000**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Magnesium	**1100**	**B**	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Manganese	**81**		0.26	0.042	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Nickel	**630**		6.6	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Potassium	**1100**		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Selenium	**5.7**		5.3	0.75	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Silver	**0.41**	**J**	0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Sodium	**340**	**B**	180	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:07	1
Thallium	ND		7.9	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Vanadium	**27**		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Zinc	**2300**	**B**	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.2**		0.25	0.10	mg/Kg	☼	09/14/12 10:15	09/14/12 15:21	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.65**	**J**	1.3	0.62	mg/Kg	☼	09/19/12 16:00	09/20/12 00:50	1

Client Sample ID: NS-SB/MW-2-SO-(1-3)

Lab Sample ID: 480-25085-9

Date Collected: 09/12/12 13:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 88.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1,2-Trichloroethane	ND		5.7	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2,4-Trichlorobenzene	ND		5.7	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,4-Dichlorobenzene	ND		5.7	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Acetone	ND		28	4.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Benzene	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Dibromochloromethane	ND		5.7	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
cis-1,2-Dichloroethene	ND		5.7	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
cis-1,3-Dichloropropene	ND		5.7	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Isopropylbenzene	ND		5.7	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Styrene	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Tetrachloroethene	**1.3**	**J**	5.7	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Toluene	ND		5.7	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
trans-1,2-Dichloroethene	ND		5.7	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Trichlorofluoromethane	ND		5.7	0.53	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 05:48*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*09/13/12 22:10*	*09/14/12 05:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*09/13/12 22:10*	*09/14/12 05:48*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*09/13/12 22:10*	*09/14/12 05:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	120	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
bis (2-chloroisopropyl) ether	ND		1900	200	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4,5-Trichlorophenol	ND		1900	410	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4,6-Trichlorophenol	ND		1900	120	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dichlorophenol	ND		1900	98	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dimethylphenol	ND		1900	510	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dinitrophenol	ND		3700	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dinitrotoluene	ND		1900	290	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,6-Dinitrotoluene	ND		1900	460	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Chloronaphthalene	ND		1900	130	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Chlorophenol	ND		1900	95	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Methylnaphthalene	**120**	**J**	1900	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Methylphenol	ND		1900	58	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Nitroaniline	ND		3700	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Nitrophenol	ND		1900	86	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
3,3'-Dichlorobenzidine	ND		1900	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
3-Nitroaniline	ND		3700	430	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4,6-Dinitro-2-methylphenol	ND		3700	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Bromophenyl phenyl ether	ND		1900	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chloro-3-methylphenol	ND		1900	77	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chloroaniline	ND		1900	550	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chlorophenyl phenyl ether	ND		1900	40	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Methylphenol	ND		3700	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Nitroaniline	ND		3700	210	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Nitrophenol	ND		3700	450	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acenaphthene	**320**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acenaphthylene	ND		1900	15	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acetophenone	ND		1900	96	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Anthracene	**810**	**J**	1900	48	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Atrazine	ND		1900	83	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzaldehyde	ND		1900	210	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(a)anthracene	**1600**	**J**	1900	32	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(a)pyrene	**1500**	**J**	1900	45	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(b)fluoranthene	**1800**	**J**	1900	36	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(g,h,i)perylene	**350**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(k)fluoranthene	**1200**	**J**	1900	21	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-chloroethoxy)methane	ND		1900	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-chloroethyl)ether	ND		1900	160	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-ethylhexyl) phthalate	ND		1900	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Butyl benzyl phthalate	ND		1900	500	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Caprolactam	ND		1900	810	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Carbazole	**390**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Chrysene	**1500**	**J**	1900	19	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Di-n-butyl phthalate	ND		1900	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Di-n-octyl phthalate	ND		1900	44	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Dibenz(a,h)anthracene	ND		1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**250**	**J**	1900	19	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Diethyl phthalate	ND		1900	57	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Dimethyl phthalate	ND		1900	49	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Fluoranthene	**2900**		1900	27	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Fluorene	ND		1900	43	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorobenzene	ND		1900	93	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorobutadiene	ND		1900	96	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorocyclopentadiene	ND		1900	570	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachloroethane	ND		1900	140	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Indeno(1,2,3-cd)pyrene	**400**	**J**	1900	52	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Isophorone	ND		1900	93	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
N-Nitrosodi-n-propylamine	ND		1900	150	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
N-Nitrosodiphenylamine	ND		1900	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Naphthalene	**250**	**J**	1900	31	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Nitrobenzene	ND		1900	83	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Pentachlorophenol	ND		3700	640	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Phenanthrene	**3400**		1900	39	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Phenol	ND		1900	200	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Pyrene	**2600**		1900	12	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/14/12 12:40*	*09/17/12 18:14*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*39 - 146*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
2-Fluorobiphenyl	*110*		*37 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
2-Fluorophenol	*75*		*18 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
Nitrobenzene-d5	*87*		*34 - 132*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
p-Terphenyl-d14	*112*		*65 - 153*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
Phenol-d5	*86*		*11 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1221	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1232	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1242	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1248	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1254	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1260	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1262	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1268	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:28*	*1*
Tetrachloro-m-xylene	*115*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:28*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6300**		11	4.7	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Antimony	ND		16	0.58	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Arsenic	**16**		2.1	0.43	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)

Lab Sample ID: 480-25085-9
Date Collected: 09/12/12 13:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 88.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	950		0.53	0.12	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Beryllium	0.55		0.21	0.030	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Cadmium	1.5		0.21	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Calcium	12000	B	53	3.5	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Chromium	20		0.53	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Cobalt	8.4		0.53	0.053	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Copper	160		1.1	0.22	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Iron	15000		11	1.2	mg/Kg	☼	09/14/12 09:50	09/17/12 16:09	1
Lead	230		1.1	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Magnesium	2000	B	21	0.99	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Manganese	230		0.21	0.034	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Nickel	17		5.3	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Potassium	1500		32	21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Selenium	2.0	J	4.3	0.61	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Silver	1.2		0.53	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Sodium	360	B	150	14	mg/Kg	☼	09/14/12 09:50	09/17/12 16:09	1
Thallium	ND		6.4	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Vanadium	25		0.53	0.12	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Zinc	620	B	2.1	0.16	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.0		0.22	0.091	mg/Kg	☼	09/14/12 10:15	09/14/12 15:24	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	1.4		1.1	0.51	mg/Kg	☼	09/19/12 16:00	09/20/12 00:51	1

Client Sample ID: NS-SB/MW-2-SO-(10-11)

Lab Sample ID: 480-25085-10
Date Collected: 09/12/12 13:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2-Trichloroethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dibromo-3-Chloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dibromoethane	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichlorobenzene	ND		6.2	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,3-Dichlorobenzene	ND		6.2	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,4-Dichlorobenzene	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Acetone	25	J	31	5.2	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		6.2	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Dibromochloromethane	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloroform	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloromethane	ND		6.2	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
cis-1,2-Dichloroethene	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
cis-1,3-Dichloropropene	ND		6.2	0.89	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Isopropylbenzene	ND		6.2	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methyl acetate	ND		6.2	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methylcyclohexane	ND		6.2	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methylene Chloride	ND		6.2	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Styrene	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Tetrachloroethene	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Toluene	ND		6.2	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 06:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/13/12 22:10*	*09/14/12 06:14*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*	*09/13/12 22:10*	*09/14/12 06:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 06:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dimethylphenol	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dinitrophenol	ND		410	73	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dinitrotoluene	ND		210	32	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,6-Dinitrotoluene	ND		210	51	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**26**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Methylphenol	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Nitroaniline	ND		410	67	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Nitrophenol	ND		210	9.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
3,3'-Dichlorobenzidine	ND		210	180	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
3-Nitroaniline	ND		410	48	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4,6-Dinitro-2-methylphenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Bromophenyl phenyl ether	ND		210	67	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chloro-3-methylphenol	ND		210	8.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chloroaniline	ND		210	62	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Methylphenol	**35**	**J**	410	12	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Nitroaniline	ND		410	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Nitrophenol	ND		410	51	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acenaphthene	**100**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acenaphthylene	**43**	**J**	210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Anthracene	**240**		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Atrazine	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzaldehyde	ND		210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(a)anthracene	**630**		210	3.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(a)pyrene	**640**		210	5.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(b)fluoranthene	**750**		210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(g,h,i)perylene	**150**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(k)fluoranthene	**420**		210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-chloroethoxy)methane	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-ethylhexyl) phthalate	ND		210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Butyl benzyl phthalate	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Caprolactam	ND		210	91	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Carbazole	**90**	**J**	210	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Chrysene	**640**		210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Di-n-butyl phthalate	ND		210	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Di-n-octyl phthalate	ND		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dibenzofuran	**50**	**J**	210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Diethyl phthalate	ND		210	6.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dimethyl phthalate	ND		210	5.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Fluoranthene	**1300**		210	3.0	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Fluorene	**32**	**J**	210	4.8	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorobenzene	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorocyclopentadiene	ND		210	63	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Indeno(1,2,3-cd)pyrene	**150**	**J**	210	5.8	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Isophorone	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
N-Nitrosodiphenylamine	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Naphthalene	**47**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Nitrobenzene	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Pentachlorophenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**1000**		210	4.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Pyrene	**1100**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.28*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*12.36*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*12.77*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
7,12-Dimethylbenz(a)anthracene	*23*	*J*	*ug/Kg*	☼	*14.31*	*57-97-6*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Perylene	*340*	*T J N*	*ug/Kg*	☼	*14.70*	*198-55-0*	*09/14/12 12:40*	*09/17/12 18:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*39 - 146*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
2-Fluorobiphenyl	*80*		*37 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
2-Fluorophenol	*65*		*18 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Nitrobenzene-d5	*77*		*34 - 132*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
p-Terphenyl-d14	*79*		*65 - 153*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Phenol-d5	*75*		*11 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1221	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1232	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1242	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1248	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1254	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1260	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1262	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1268	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:48*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		11	5.0	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Antimony	ND		17	0.62	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Arsenic	**10**		2.3	0.46	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Barium	**130**		0.57	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Beryllium	**0.80**		0.23	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Cadmium	**0.21**	**J**	0.23	0.034	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Calcium	**11000**	**B**	57	3.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Chromium	**14**		0.57	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Cobalt	**7.7**		0.57	0.057	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Copper	**35**		1.1	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Iron	**15000**		11	1.3	mg/Kg	☼	09/14/12 09:50	09/17/12 16:11	1
Lead	**1900**		1.1	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Magnesium	**1800**	**B**	23	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Manganese	**230**		0.23	0.036	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Nickel	**15**		5.7	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	980		34	23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Selenium	ND		4.6	0.65	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Silver	ND		0.57	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Sodium	730	B	160	15	mg/Kg	☼	09/14/12 09:50	09/17/12 16:11	1
Thallium	ND		6.8	0.34	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Vanadium	21		0.57	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Zinc	130	B	2.3	0.17	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.9		0.24	0.099	mg/Kg	☼	09/14/12 10:15	09/14/12 15:25	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.74	J	1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:52	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8260B - TCLP Volatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
LCS 480-81278/4	Lab Control Sample	89	87	87
MB 480-81278/5	Method Blank	89	84	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	93	86	84
LB 480-80886/1-A LB	Method Blank	92	87	87

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-25085-1	NS-SB/MW-1-SO-(1-3)	104	98	93
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	104	96	93
480-25085-3	NS-SB/MW-5-SO-(1-3)	111	106	100
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	101	96	94
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	87	99	92
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	88	99	93
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	103	97	91
480-25085-6	NS-SB/MW-6-SO-(10-11)	107	102	99
480-25085-7	NS-SB/MW-7-SO-(1-3)	105	105	88
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	110	108	90
480-25085-8	NS-SB/MW-7-SO-(8-10)	104	98	94
480-25085-9	NS-SB/MW-2-SO-(1-3)	109	101	97
480-25085-10	NS-SB/MW-2-SO-(10-11)	105	99	94
LCS 480-80508/5	Lab Control Sample	100	102	99
LCS 480-80812/5	Lab Control Sample	110	104	103
MB 480-80508/6	Method Blank	103	102	98
MB 480-80812/6	Method Blank	89	101	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(65-153)	(11-120)
480-25085-1	NS-SB/MW-1-SO-(1-3)	91	99	70	80	108	79
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	25 X	83	48	78	84	76
480-25085-3	NS-SB/MW-5-SO-(1-3)	90	108	76	86	119	87
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	90	80	65	73	84	74
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	88	98	71	81	109	82
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	94	90	73	82	98	81
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	64	106	73	87	113	84
480-25085-6	NS-SB/MW-6-SO-(10-11)	77	84	61	70	95	70
480-25085-7	NS-SB/MW-7-SO-(1-3)	85	79	62	76	82	73
480-25085-8	NS-SB/MW-7-SO-(8-10)	94	111	78	84	113	86
480-25085-9	NS-SB/MW-2-SO-(1-3)	102	110	75	87	112	86
480-25085-10	NS-SB/MW-2-SO-(10-11)	88	80	65	77	79	75
LCS 480-80638/2-A	Lab Control Sample	95	96	81	91	112	87
MB 480-80638/1-A	Method Blank	92	86	71	82	92	78

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-81329/2-A	Lab Control Sample	104	97	57	93	113	40
MB 480-81329/1-A	Method Blank	94	84	45	82	105	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	99	87	47	85	104	33
LB 480-80843/1-E LB	Method Blank	104	86	47	83	107	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
LB 480-81196/5-A LB	Method Blank	81	103	74	93
LCS 480-81196/2-A	Lab Control Sample	72	90	80	101
MB 480-81196/1-A	Method Blank	89	107	71	91

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	73	96	70	96

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(36-182)	(24-172)	(24-172)
480-25085-1	NS-SB/MW-1-SO-(1-3)	94	90	96	94
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	72	87	91	93
480-25085-3	NS-SB/MW-5-SO-(1-3)	86	87	108	104
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	103	97	101	102
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	97	94	101	90
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	117	109	124	118
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	107	102	111	110
480-25085-6	NS-SB/MW-6-SO-(10-11)	164	154	159	156
480-25085-7	NS-SB/MW-7-SO-(1-3)	113	108	112	110
480-25085-8	NS-SB/MW-7-SO-(8-10)	92	87	91	90
480-25085-9	NS-SB/MW-2-SO-(1-3)	114	108	117	115
480-25085-10	NS-SB/MW-2-SO-(10-11)	116	109	113	112
LCS 480-80563/2-A	Lab Control Sample	151	141	155	138
LCS 480-81066/2-A	Lab Control Sample	151	140	162	149
MB 480-80563/1-A	Method Blank	134	126	126	125
MB 480-81066/1-A	Method Blank	135	126	135	134

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-132)	(32-132)								
LCS 480-81194/2-A	Lab Control Sample	104	93								
MB 480-81194/1-A	Method Blank	86	92								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-132)	(32-132)								
480-25085-7	NS-SB/MW-7-SO-(1-3)	23 X	21 X								
LB 480-80843/1-D LB	Method Blank	20 X	24 X								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-81278/5
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/19/12 13:31	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/19/12 13:31	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/19/12 13:31	1
Benzene	ND		0.0010	0.00041	mg/L			09/19/12 13:31	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/19/12 13:31	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/19/12 13:31	1
Chloroform	ND		0.0010	0.00034	mg/L			09/19/12 13:31	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/19/12 13:31	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/19/12 13:31	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/19/12 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*09/19/12 13:31*	*1*
Toluene-d8 (Surr)	*84*		*71 - 126*		*09/19/12 13:31*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/19/12 13:31*	*1*

Lab Sample ID: LCS 480-81278/4
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0250	0.0249		mg/L		100	65 - 138
1,2-Dichloroethane	0.0250	0.0246		mg/L		98	75 - 127
Benzene	0.0250	0.0253		mg/L		101	71 - 124
Chlorobenzene	0.0250	0.0234		mg/L		94	72 - 120
Tetrachloroethene	0.0250	0.0234		mg/L		93	74 - 122
Trichloroethene	0.0250	0.0248		mg/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*87*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 14:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 14:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 14:11	10
Benzene	ND		0.010	0.0041	mg/L			09/19/12 14:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 14:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 14:11	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 14:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/19/12 14:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 14:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 14:11	10

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*09/19/12 14:11*	*10*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/19/12 14:11*	*10*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/19/12 14:11*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-80508/6
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/13/12 23:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/13/12 23:31	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/13/12 23:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/13/12 23:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/13/12 23:31	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/13/12 23:31	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/13/12 23:31	1
2-Hexanone	2.78	J	25	2.5	ug/Kg			09/13/12 23:31	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/13/12 23:31	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/13/12 23:31	1
Acetone	ND		25	4.2	ug/Kg			09/13/12 23:31	1
Benzene	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/13/12 23:31	1
Bromoform	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/13/12 23:31	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/13/12 23:31	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/13/12 23:31	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
Chloroform	ND		5.0	0.31	ug/Kg			09/13/12 23:31	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/13/12 23:31	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/13/12 23:31	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/13/12 23:31	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/13/12 23:31	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/13/12 23:31	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/13/12 23:31	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/13/12 23:31	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/13/12 23:31	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/13/12 23:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80508/6
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/13/12 23:31	1
Styrene	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/13/12 23:31	1
Toluene	ND		5.0	0.38	ug/Kg			09/13/12 23:31	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/13/12 23:31	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/13/12 23:31	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/13/12 23:31	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/13/12 23:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*2.51*	*J*	*ug/Kg*		*17.59*	*91-20-3*		*09/13/12 23:31*	*1*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/13/12 23:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*		*09/13/12 23:31*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*		*09/13/12 23:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*		*09/13/12 23:31*	*1*

Lab Sample ID: LCS 480-80508/5
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	50.7		ug/Kg		101	79 - 126
1,1-Dichloroethene	50.0	51.0		ug/Kg		102	65 - 153
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	51.5		ug/Kg		103	77 - 122
Benzene	50.0	50.3		ug/Kg		101	79 - 127
Chlorobenzene	50.0	48.8		ug/Kg		98	76 - 124
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	74 - 126
Ethylbenzene	50.0	48.8		ug/Kg		98	73 - 134
Methyl tert-butyl ether	50.0	53.5		ug/Kg		107	63 - 125
Tetrachloroethene	50.0	48.0		ug/Kg		96	70 - 139
Toluene	50.0	48.0		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	66 - 135
Trichloroethene	50.0	50.6		ug/Kg		101	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80515

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		60.2	55.0		ug/Kg	☼	91	79 - 126
1,1-Dichloroethene	ND		60.2	48.5		ug/Kg	☼	81	65 - 153
1,2-Dichlorobenzene	ND		60.2	40.0	F	ug/Kg	☼	67	75 - 120
1,2-Dichloroethane	ND		60.2	47.2		ug/Kg	☼	79	77 - 122
Benzene	ND		60.2	54.0		ug/Kg	☼	90	79 - 127
Chlorobenzene	ND		60.2	46.9		ug/Kg	☼	78	76 - 124
cis-1,2-Dichloroethene	ND		60.2	51.8		ug/Kg	☼	86	74 - 126
Ethylbenzene	ND		60.2	49.2		ug/Kg	☼	82	73 - 184
Methyl tert-butyl ether	ND		60.2	43.4		ug/Kg	☼	72	63 - 125
Tetrachloroethene	1.5	J	60.2	67.1		ug/Kg	☼	109	70 - 139
Toluene	ND		60.2	49.2		ug/Kg	☼	82	74 - 128
trans-1,2-Dichloroethene	ND		60.2	53.1		ug/Kg	☼	88	66 - 135
Trichloroethene	ND		60.2	50.7		ug/Kg	☼	84	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80515

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		61.5	61.5		ug/Kg	☼	100	79 - 126	11	30
1,1-Dichloroethene	ND		61.5	54.2		ug/Kg	☼	88	65 - 153	11	30
1,2-Dichlorobenzene	ND		61.5	45.2	F	ug/Kg	☼	74	75 - 120	12	30
1,2-Dichloroethane	ND		61.5	52.8		ug/Kg	☼	86	77 - 122	11	30
Benzene	ND		61.5	60.7		ug/Kg	☼	99	79 - 127	12	30
Chlorobenzene	ND		61.5	52.4		ug/Kg	☼	85	76 - 124	11	30
cis-1,2-Dichloroethene	ND		61.5	57.8		ug/Kg	☼	94	74 - 126	11	30
Ethylbenzene	ND		61.5	55.8		ug/Kg	☼	91	73 - 184	12	30
Methyl tert-butyl ether	ND		61.5	49.8		ug/Kg	☼	81	63 - 125	14	30
Tetrachloroethene	1.5	J	61.5	81.9		ug/Kg	☼	131	70 - 139	20	30
Toluene	ND		61.5	55.1		ug/Kg	☼	90	74 - 128	11	30
trans-1,2-Dichloroethene	ND		61.5	59.3		ug/Kg	☼	97	66 - 135	11	30
Trichloroethene	ND		61.5	56.7		ug/Kg	☼	92	77 - 129	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/16/12 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/16/12 12:26	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/16/12 12:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/16/12 12:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/16/12 12:26	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/16/12 12:26	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/16/12 12:26	1
2-Hexanone	ND		25	2.5	ug/Kg			09/16/12 12:26	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/16/12 12:26	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/16/12 12:26	1
Acetone	ND		25	4.2	ug/Kg			09/16/12 12:26	1
Benzene	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/16/12 12:26	1
Bromoform	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/16/12 12:26	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/16/12 12:26	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/16/12 12:26	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
Chloroform	ND		5.0	0.31	ug/Kg			09/16/12 12:26	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/16/12 12:26	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/16/12 12:26	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/16/12 12:26	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/16/12 12:26	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/16/12 12:26	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/16/12 12:26	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/16/12 12:26	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/16/12 12:26	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/16/12 12:26	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/16/12 12:26	1
Styrene	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/16/12 12:26	1
Toluene	ND		5.0	0.38	ug/Kg			09/16/12 12:26	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/16/12 12:26	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/16/12 12:26	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/16/12 12:26	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/16/12 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Naphthalene	1.96	J	ug/Kg		17.58	91-20-3		09/16/12 12:26	1
Tentatively Identified Compound	None		ug/Kg					09/16/12 12:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		64 - 126		09/16/12 12:26	1
Toluene-d8 (Surr)	101		71 - 125		09/16/12 12:26	1
4-Bromofluorobenzene (Surr)	95		72 - 126		09/16/12 12:26	1

Lab Sample ID: LCS 480-80812/5
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	79 - 126
1,1-Dichloroethene	50.0	49.7		ug/Kg		99	65 - 153
1,2-Dichlorobenzene	50.0	44.7		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	77 - 122
Benzene	50.0	49.5		ug/Kg		99	79 - 127
Chlorobenzene	50.0	45.2		ug/Kg		90	76 - 124
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	74 - 126
Ethylbenzene	50.0	45.8		ug/Kg		92	73 - 134
Methyl tert-butyl ether	50.0	50.0		ug/Kg		100	63 - 125
Tetrachloroethene	50.0	44.8		ug/Kg		90	70 - 139
Toluene	50.0	44.3		ug/Kg		89	74 - 128
trans-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	66 - 135
Trichloroethene	50.0	49.4		ug/Kg		99	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		64 - 126
Toluene-d8 (Surr)	104		71 - 125
4-Bromofluorobenzene (Surr)	103		72 - 126

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pyridine	ND		0.0063	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		09/19/12 14:39	09/20/12 13:19	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		09/19/12 14:39	09/20/12 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
p-Terphenyl-d14	*105*		*67 - 150*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Phenol-d5	*32*		*16 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*

Lab Sample ID: LCS 480-81329/2-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0678		mg/L		68	32 - 120
2,4-Dinitrotoluene	0.100	0.103		mg/L		103	59 - 125
Hexachloroethane	0.100	0.0655		mg/L		65	25 - 120
Pentachlorophenol	0.100	0.0939		mg/L		94	39 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*57*		*20 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
p-Terphenyl-d14	*113*		*67 - 150*
Phenol-d5	*40*		*16 - 120*

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 14:55	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 14:55	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 14:55	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 14:55	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		52 - 132	09/19/12 14:39	09/20/12 14:55	1
2-Fluorobiphenyl	86		48 - 120	09/19/12 14:39	09/20/12 14:55	1
2-Fluorophenol	47		20 - 120	09/19/12 14:39	09/20/12 14:55	1
Nitrobenzene-d5	83		46 - 120	09/19/12 14:39	09/20/12 14:55	1
p-Terphenyl-d14	107		67 - 150	09/19/12 14:39	09/20/12 14:55	1
Phenol-d5	33		16 - 120	09/19/12 14:39	09/20/12 14:55	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-80638/1-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	10	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
bis (2-chloroisopropyl) ether	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dichlorophenol	ND		170	8.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dimethylphenol	ND		170	46	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dinitrophenol	ND		330	59	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dinitrotoluene	ND		170	26	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,6-Dinitrotoluene	ND		170	41	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Chloronaphthalene	ND		170	11	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Chlorophenol	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Methylnaphthalene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4,6-Trichlorophenol	ND		170	11	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Methylphenol	ND		170	5.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Nitroaniline	ND		330	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Nitrophenol	ND		170	7.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
3,3'-Dichlorobenzidine	ND		170	150	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
3-Nitroaniline	ND		330	39	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4,6-Dinitro-2-methylphenol	ND		330	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Bromophenyl phenyl ether	ND		170	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chloro-3-methylphenol	ND		170	6.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chloroaniline	ND		170	49	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chlorophenyl phenyl ether	ND		170	3.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Methylphenol	ND		330	9.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Nitroaniline	ND		330	19	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Nitrophenol	ND		330	41	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acenaphthene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acenaphthylene	ND		170	1.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acetophenone	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Anthracene	ND		170	4.3	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Atrazine	ND		170	7.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzaldehyde	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(a)pyrene	ND		170	4.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(b)fluoranthene	ND		170	3.3	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80638/1-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		170	1.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-chloroethoxy)methane	ND		170	9.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-chloroethyl)ether	ND		170	15	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-ethylhexyl) phthalate	ND		170	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Butyl benzyl phthalate	ND		170	45	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Caprolactam	ND		170	73	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Carbazole	ND		170	1.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Chrysene	ND		170	1.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Di-n-butyl phthalate	ND		170	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Di-n-octyl phthalate	ND		170	3.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dibenzofuran	ND		170	1.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Diethyl phthalate	ND		170	5.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dimethyl phthalate	ND		170	4.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Fluoranthene	ND		170	2.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Fluorene	ND		170	3.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorobenzene	ND		170	8.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorobutadiene	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorocyclopentadiene	ND		170	51	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachloroethane	ND		170	13	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Indeno(1,2,3-cd)pyrene	ND		170	4.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Isophorone	ND		170	8.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
N-Nitrosodi-n-propylamine	ND		170	13	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
N-Nitrosodiphenylamine	ND		170	9.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Naphthalene	ND		170	2.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Nitrobenzene	ND		170	7.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Pentachlorophenol	ND		330	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Phenanthrene	ND		170	3.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Phenol	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Pyrene	ND		170	1.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*189*	*T J*	*ug/Kg*		*2.11*		*09/14/12 12:40*	*09/17/12 12:43*	*1*
Unknown	*1100*	*T J*	*ug/Kg*		*2.27*		*09/14/12 12:40*	*09/17/12 12:43*	*1*
Ethane, 1,1,2-trichloro-	*226*	*T J N*	*ug/Kg*		*3.28*	*79-0-5*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Ethane, 1,1,2,2-tetrachloro-	*463*	*T J N*	*ug/Kg*		*5.01*	*79-34-5*	*09/14/12 12:40*	*09/17/12 12:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*39 - 146*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
2-Fluorobiphenyl	*86*		*37 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
2-Fluorophenol	*71*		*18 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Nitrobenzene-d5	*82*		*34 - 132*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
p-Terphenyl-d14	*92*		*65 - 153*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Phenol-d5	*78*		*11 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-80638/2-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	3320	3530		ug/Kg		106	55 - 125
2-Chlorophenol	3320	2890		ug/Kg		87	38 - 120
4-Chloro-3-methylphenol	3320	3300		ug/Kg		99	49 - 125
4-Nitrophenol	3320	3390		ug/Kg		102	43 - 137
Acenaphthene	3320	3240		ug/Kg		98	53 - 120
Bis(2-ethylhexyl) phthalate	3320	3180		ug/Kg		96	61 - 133
Fluorene	3320	3640		ug/Kg		110	63 - 126
Hexachloroethane	3320	2830		ug/Kg		85	41 - 120
N-Nitrosodi-n-propylamine	3320	3060		ug/Kg		92	46 - 120
Naphthalene	3320	3020		ug/Kg		91	46 - 120
Pentachlorophenol	3320	3410		ug/Kg		103	33 - 136
Phenol	3320	2940		ug/Kg		88	36 - 120
Pyrene	3320	3320		ug/Kg		100	51 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*39 - 146*
2-Fluorobiphenyl	*96*		*37 - 120*
2-Fluorophenol	*81*		*18 - 120*
Nitrobenzene-d5	*91*		*34 - 132*
p-Terphenyl-d14	*112*		*65 - 153*
Phenol-d5	*87*		*11 - 120*

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	ND		4130	3520		ug/Kg	☼	85	55 - 125
2-Chlorophenol	ND		4130	3320		ug/Kg	☼	81	38 - 120
4-Chloro-3-methylphenol	ND		4130	3640		ug/Kg	☼	88	49 - 125
4-Nitrophenol	ND		4130	2500	J	ug/Kg	☼	61	43 - 137
Acenaphthene	44	J	4130	9930	F	ug/Kg	☼	240	53 - 120
Bis(2-ethylhexyl) phthalate	ND		4130	4140		ug/Kg	☼	100	61 - 133
Fluorene	ND		4130	9690	F	ug/Kg	☼	235	63 - 126
Hexachloroethane	ND		4130	2910		ug/Kg	☼	71	41 - 120
N-Nitrosodi-n-propylamine	ND		4130	3790		ug/Kg	☼	92	46 - 120
Naphthalene	82	J	4130	10700	F	ug/Kg	☼	258	46 - 120
Pentachlorophenol	ND		4130	1060	J F	ug/Kg	☼	26	33 - 136
Phenol	ND		4130	3720		ug/Kg	☼	90	36 - 120
Pyrene	300		4130	30800	F	ug/Kg	☼	740	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*39 - 146*
2-Fluorobiphenyl	*98*		*37 - 120*
2-Fluorophenol	*71*		*18 - 120*
Nitrobenzene-d5	*81*		*34 - 132*
p-Terphenyl-d14	*109*		*65 - 153*
Phenol-d5	*82*		*11 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		4140	4090		ug/Kg	☼	99	55 - 125	15	20
2-Chlorophenol	ND		4140	3320		ug/Kg	☼	80	38 - 120	0	25
4-Chloro-3-methylphenol	ND		4140	3900		ug/Kg	☼	94	49 - 125	7	27
4-Nitrophenol	ND		4140	4110	F	ug/Kg	☼	99	43 - 137	49	25
Acenaphthene	44	J	4140	3830	F	ug/Kg	☼	91	53 - 120	89	35
Bis(2-ethylhexyl) phthalate	ND		4140	3560		ug/Kg	☼	86	61 - 133	15	15
Fluorene	ND		4140	4230	F	ug/Kg	☼	102	63 - 126	78	15
Hexachloroethane	ND		4140	3110		ug/Kg	☼	75	41 - 120	6	46
N-Nitrosodi-n-propylamine	ND		4140	3580		ug/Kg	☼	86	46 - 120	6	31
Naphthalene	82	J	4140	3460	F	ug/Kg	☼	82	46 - 120	102	29
Pentachlorophenol	ND		4140	4350	F	ug/Kg	☼	105	33 - 136	122	35
Phenol	ND		4140	3360		ug/Kg	☼	81	36 - 120	10	35
Pyrene	300		4140	4100	F	ug/Kg	☼	92	51 - 133	153	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*94*		*39 - 146*
2-Fluorobiphenyl	*90*		*37 - 120*
2-Fluorophenol	*73*		*18 - 120*
Nitrobenzene-d5	*82*		*34 - 132*
p-Terphenyl-d14	*98*		*65 - 153*
Phenol-d5	*81*		*11 - 120*

Method: 8081A - TCLP Pesticides

Lab Sample ID: LB 480-81196/5-A LB
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 04:59	09/20/12 08:49	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 04:59	09/20/12 08:49	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 04:59	09/20/12 08:49	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 04:59	09/20/12 08:49	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*16 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*
Tetrachloro-m-xylene	*74*		*35 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		09/19/12 04:56	09/20/12 08:02	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		09/19/12 04:56	09/20/12 08:02	1
Endrin	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1

Method: 8081A - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.000050	0.0000021	mg/L		09/19/12 04:56	09/20/12 08:02	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		09/19/12 04:56	09/20/12 08:02	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1
Toxaphene	ND		0.00050	0.000030	mg/L		09/19/12 04:56	09/20/12 08:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*16 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*
Tetrachloro-m-xylene	*71*		*35 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*

Lab Sample ID: LCS 480-81196/2-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000429		mg/L		86	57 - 128
Endrin	0.000500	0.000499		mg/L		100	57 - 130
Heptachlor	0.000500	0.000402		mg/L		80	46 - 121
Heptachlor epoxide	0.000500	0.000452		mg/L		90	53 - 120
Methoxychlor	0.000500	0.000522		mg/L		104	48 - 165

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*16 - 120*
Tetrachloro-m-xylene	*80*		*35 - 120*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-80563/1-A
Matrix: Solid
Analysis Batch: 80733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1221	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1232	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1242	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1248	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1254	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1260	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1262	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1268	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*36 - 182*	*09/14/12 08:15*	*09/15/12 14:13*	*1*
Tetrachloro-m-xylene	*125*		*24 - 172*	*09/14/12 08:15*	*09/15/12 14:13*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-80563/2-A
Matrix: Solid
Analysis Batch: 80733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2090	2740		ug/Kg		131	51 - 185		
PCB-1260			2090	2540		ug/Kg		122	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*141*		*36 - 182*
Tetrachloro-m-xylene	*138*		*24 - 172*

Lab Sample ID: MB 480-81066/1-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1221	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1232	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1242	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1248	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1254	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1260	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1262	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1268	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*36 - 182*	*09/18/12 09:15*	*09/19/12 19:07*	*1*
Tetrachloro-m-xylene	*134*		*24 - 172*	*09/18/12 09:15*	*09/19/12 19:07*	*1*

Lab Sample ID: LCS 480-81066/2-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81066

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2430	3090		ug/Kg		127	51 - 185		
PCB-1260			2430	2840		ug/Kg		117	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*140*		*36 - 182*
Tetrachloro-m-xylene	*149*		*24 - 172*

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		2800	2100		ug/Kg	☼	75	42 - 159		
PCB-1260	ND		2800	1730		ug/Kg	☼	62	47 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*94*		*36 - 182*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81066

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	90		24 - 172

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81066

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2960	2540		ug/Kg	☼	86	42 - 159	19	50
PCB-1260	ND		2960	2320		ug/Kg	☼	78	47 - 153	29	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	109		36 - 182
Tetrachloro-m-xylene	118		24 - 172

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-81194/1-A
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		09/19/12 04:40	09/24/12 14:34	1
2,4-D	ND		0.00050	0.00010	mg/L		09/19/12 04:40	09/24/12 14:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	86		32 - 132	09/19/12 04:40	09/24/12 14:34	1

Lab Sample ID: LCS 480-81194/2-A
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00206		mg/L		103	44 - 147
2,4-D	0.00200	0.00214		mg/L		107	45 - 149

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	104		32 - 132

Lab Sample ID: LB 480-80843/1-D LB
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81194

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 16:33	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 16:33	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	20	X	32 - 132	09/19/12 04:40	09/24/12 16:33	1

Method: 1110A - Corrosivity Toward Steel

Lab Sample ID: MB 560-78446/1
Matrix: Solid
Analysis Batch: 78446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	ND		0.10	0.10	mm/year			09/24/12 09:45	1

Lab Sample ID: 480-25085-7 DU
Matrix: Solid
Analysis Batch: 78446

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Corrosivity toward Steel	0.98			0.971		mm/year				0.9	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-80569/1-A
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10	4.5	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Antimony	ND		15	0.55	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Arsenic	ND		2.0	0.41	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Barium	ND		0.51	0.11	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Beryllium	ND		0.20	0.029	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Cadmium	ND		0.20	0.031	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Calcium	7.76	J	51	3.4	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Chromium	ND		0.51	0.20	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Cobalt	ND		0.51	0.051	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Copper	ND		1.0	0.21	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Iron	ND		10	1.1	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Lead	ND		1.0	0.25	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Magnesium	2.02	J	20	0.95	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Manganese	ND		0.20	0.033	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Nickel	ND		5.1	0.24	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Selenium	ND		4.1	0.58	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Silver	ND		0.51	0.20	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Sodium	49.9	J	140	13	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Thallium	ND		6.1	0.31	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Vanadium	ND		0.51	0.11	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Zinc	0.372	J	2.0	0.16	mg/Kg		09/14/12 09:50	09/14/12 18:18	1

Lab Sample ID: MB 480-80569/1-A
Matrix: Solid
Analysis Batch: 81057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		31	20	mg/Kg		09/14/12 09:50	09/17/12 15:44	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-80569/2-A
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8390	6640		mg/Kg		79.2	40.6 - 159.5
Antimony	93.2	34.4		mg/Kg		37.0	24.8 - 272.2
Arsenic	94.4	95.0		mg/Kg		100.6	69.2 - 131.2
Barium	167	159		mg/Kg		95.2	72.5 - 126.9
Beryllium	57.5	57.1		mg/Kg		99.3	73.3 - 126.7
Cadmium	60.4	58.0		mg/Kg		95.9	73.2 - 126.8
Calcium	6130	5660		mg/Kg		92.3	73.9 - 126.4
Chromium	70.3	64.5		mg/Kg		91.8	68.5 - 131.5
Cobalt	102	104		mg/Kg		102.0	74.5 - 125.5
Copper	79.5	77.9		mg/Kg		98.0	73.6 - 125.6
Iron	12500	9150		mg/Kg		73.3	31.0 - 168.8
Lead	91.7	97.1		mg/Kg		105.9	70.3 - 129.6
Magnesium	2580	2240		mg/Kg		86.9	63.6 - 136.0
Manganese	283	257		mg/Kg		91.0	73.9 - 125.4
Nickel	57.5	57.4		mg/Kg		99.8	70.0 - 130.2
Potassium	2490	2220		mg/Kg		89.4	60.6 - 139.0
Selenium	86.3	84.0		mg/Kg		97.3	64.0 - 136.6
Silver	34.4	33.3		mg/Kg		96.9	65.7 - 134.6
Sodium	215	188		mg/Kg		87.4	26.7 - 174.0
Thallium	120	125		mg/Kg		104.0	67.3 - 131.7
Vanadium	56.9	50.7		mg/Kg		89.1	53.7 - 146.1
Zinc	140	131		mg/Kg		93.6	67.4 - 132.9

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000		2700	14900	F	mg/Kg	☼	165	75 - 125
Antimony	ND		53.8	38.1	F	mg/Kg	☼	71	75 - 125
Arsenic	5.0		53.8	53.3		mg/Kg	☼	90	75 - 125
Barium	72		53.8	142	F	mg/Kg	☼	130	75 - 125
Beryllium	1.0		53.8	50.6		mg/Kg	☼	92	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25085-4 MS — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80901 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	14		53.8	64.4		mg/Kg	☼	93	75 - 125
Calcium	2100	B	2690	5050		mg/Kg	☼	108	75 - 125
Chromium	15		53.8	64.3		mg/Kg	☼	92	75 - 125
Cobalt	5.8		53.8	72.4		mg/Kg	☼	124	75 - 125
Copper	18		53.8	69.4		mg/Kg	☼	95	75 - 125
Lead	490		53.8	216	4	mg/Kg	☼	-511	75 - 125
Magnesium	2900	B	2690	5380		mg/Kg	☼	90	75 - 125
Manganese	260		53.8	515	4	mg/Kg	☼	473	75 - 125
Nickel	20		53.8	75.9		mg/Kg	☼	104	75 - 125
Potassium	1100		2700	3900		mg/Kg	☼	105	75 - 125
Selenium	ND		53.8	47.5		mg/Kg	☼	88	75 - 125
Silver	ND		13.5	12.0		mg/Kg	☼	90	75 - 125
Thallium	ND		53.8	49.5		mg/Kg	☼	92	75 - 125
Vanadium	23		53.8	75.7		mg/Kg	☼	98	75 - 125
Zinc	1800	B	53.8	1700	4	mg/Kg	☼	-257	75 - 125

Lab Sample ID: 480-25085-4 MS — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81057 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	16000		2690	17500	4	mg/Kg	☼	63	75 - 125
Sodium	91	J B	2700	2570		mg/Kg	☼	92	75 - 125

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80901 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	10000		2580	16300	4	mg/Kg	☼	228	75 - 125	9	20
Antimony	ND		51.5	34.3	F	mg/Kg	☼	67	75 - 125	10	20
Arsenic	5.0		51.5	50.4		mg/Kg	☼	88	75 - 125	6	20
Barium	72		51.5	125		mg/Kg	☼	102	75 - 125	13	20
Beryllium	1.0		51.5	47.8		mg/Kg	☼	91	75 - 125	6	20
Cadmium	14		51.5	57.8		mg/Kg	☼	85	75 - 125	11	20
Calcium	2100	B	2580	4960		mg/Kg	☼	109	75 - 125	2	20
Chromium	15		51.5	65.9		mg/Kg	☼	99	75 - 125	2	20
Cobalt	5.8		51.5	56.3	F	mg/Kg	☼	98	75 - 125	25	20
Copper	18		51.5	66.4		mg/Kg	☼	94	75 - 125	4	20
Lead	490		51.5	207	4	mg/Kg	☼	-552	75 - 125	4	20
Magnesium	2900	B	2580	4830	F	mg/Kg	☼	73	75 - 125	11	20
Manganese	260		51.5	280	4 F	mg/Kg	☼	38	75 - 125	59	20
Nickel	20		51.5	69.3		mg/Kg	☼	96	75 - 125	9	20
Potassium	1100		2580	3820		mg/Kg	☼	106	75 - 125	2	20
Selenium	ND		51.5	45.1		mg/Kg	☼	88	75 - 125	5	20
Silver	ND		12.9	11.2		mg/Kg	☼	87	75 - 125	8	20
Thallium	ND		51.5	46.9		mg/Kg	☼	91	75 - 125	5	20
Vanadium	23		51.5	75.4		mg/Kg	☼	101	75 - 125	0	20
Zinc	1800	B	51.5	1660	4	mg/Kg	☼	-346	75 - 125	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81057 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	16000		2580	20300	4	mg/Kg	☼	175	75 - 125	15	20
Sodium	91	J B	2580	2450		mg/Kg	☼	91	75 - 125	5	20

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-81089/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:13	1
Barium	0.000710	J	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:13	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:13	1
Chromium	ND		0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:13	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:13	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:13	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:13	1

Lab Sample ID: LCS 480-81089/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.13		mg/L		113	80 - 120
Barium	1.00	0.962		mg/L		96	80 - 120
Cadmium	1.00	1.08		mg/L		108	80 - 120
Chromium	1.00	0.929		mg/L		93	80 - 120
Lead	1.00	1.09		mg/L		109	80 - 120
Selenium	1.00	1.08		mg/L		108	80 - 120
Silver	1.00	0.966		mg/L		97	80 - 120

Lab Sample ID: LB 480-80843/1-B LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:10	1
Barium	0.0328		0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:10	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:10	1
Chromium	0.00211	J	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:10	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:10	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:10	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:10	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-81093/2-A
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:35	1

Lab Sample ID: LCS 480-81093/3-A
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81093

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00668	0.00647		mg/L		97	80 - 120		

Lab Sample ID: LB 480-80843/1-C LB
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81093

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:33	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-80574/1-A
Matrix: Solid
Analysis Batch: 80690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0074	mg/Kg		09/14/12 10:15	09/14/12 15:15	1

Lab Sample ID: LCSSRM 480-80574/2-A
Matrix: Solid
Analysis Batch: 80690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80574

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			3.77	3.26		mg/Kg		86.5	71.6 - 128.4		

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80690

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.25		0.427	0.538	F	mg/Kg	☼	67	75 - 125		

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 80690

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80574

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.25		0.390	0.489	F	mg/Kg	☼	61	75 - 125	10	20

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-80720/1
Matrix: Solid
Analysis Batch: 80720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-81188/1-A
Matrix: Solid
Analysis Batch: 81390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1

Lab Sample ID: LCS 480-81188/2-A
Matrix: Solid
Analysis Batch: 81390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	345		mg/Kg		35	10 - 100

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-81382/1-A
Matrix: Solid
Analysis Batch: 81401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.98	0.47	mg/Kg		09/19/12 16:00	09/20/12 00:38	1

Lab Sample ID: LCS 480-81382/2-A
Matrix: Solid
Analysis Batch: 81401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	25.6	19.6		mg/Kg		77	29 - 122

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 81401

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		12.2	8.03	F	mg/Kg	☼	66	85 - 115

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 81401

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		12.0	10.0	F	mg/Kg	☼	83	85 - 115	22	15

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 480-25085-1 DU — **Client Sample ID: NS-SB/MW-1-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.76	J	ND		mg/Kg	☼	NC	15

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 490-21547/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	ND		10	7.0	mg/Kg		09/20/12 06:00	09/20/12 07:01	1

Lab Sample ID: LCS 490-21547/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 490-21547/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110	0	20

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-81191/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Lab Sample ID: LCS 480-81191/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	631		mg/Kg		63	10 - 100

Method: 9045C - pH

Lab Sample ID: LCS 480-81017/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.040		SU		101	99 - 101

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Analysis Batch: 80508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8260B	80515
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8260B	80515
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8260B	80515
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8260B	80515
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8260B	80515
LCS 480-80508/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-80508/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 80515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	5035	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	5035	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	5035	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	5035	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	5035	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	5035	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	5035	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	5035	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	5035	

Analysis Batch: 80812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8260B	80815
LCS 480-80812/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-80812/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 80815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	5035	

Leach Batch: 80886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 81278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8260B	80886
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	8260B	80886
LCS 480-81278/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-81278/5	Method Blank	Total/NA	Solid	8260B	

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Prep Batch: 80638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3550B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3550B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3550B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3550B	
LCS 480-80638/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80638/1-A	Method Blank	Total/NA	Solid	3550B	

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 80891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8270C	80638
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8270C	80638
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8270C	80638
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8270C	80638
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8270C	80638
LCS 480-80638/2-A	Lab Control Sample	Total/NA	Solid	8270C	80638
MB 480-80638/1-A	Method Blank	Total/NA	Solid	8270C	80638

Prep Batch: 81329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3510C	80843
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	3510C	80843
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81329/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8270C	81329
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	8270C	81329
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	8270C	81329
MB 480-81329/1-A	Method Blank	Total/NA	Solid	8270C	81329

GC Semi VOA

Prep Batch: 80563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3550B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3550B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3550B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3550B	
LCS 480-80563/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80563/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 80733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8082	80563
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8082	80563
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8082	80563
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8082	80563
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8082	80563
LCS 480-80563/2-A	Lab Control Sample	Total/NA	Solid	8082	80563
MB 480-80563/1-A	Method Blank	Total/NA	Solid	8082	80563

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 81066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
LCS 480-81066/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-81066/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 81193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
LCS 480-81066/2-A	Lab Control Sample	Total/NA	Solid	8082	81066
MB 480-81066/1-A	Method Blank	Total/NA	Solid	8082	81066

Prep Batch: 81194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8151A	80843
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151A	80843
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 81194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 81196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3510C	80843
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	3510C	
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81196/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8081A	81196
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	8081A	81196
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	8081A	81196
MB 480-81196/1-A	Method Blank	Total/NA	Solid	8081A	81196

Analysis Batch: 81929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8151	81194
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151	81194
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151	81194
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151	81194

Metals

Analysis Batch: 78446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1110A	
480-25085-7 DU	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1110A	
MB 560-78446/1	Method Blank	Total/NA	Solid	1110A	

Prep Batch: 80569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3050B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3050B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3050B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3050B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3050B	
LCSSRM 480-80569/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-80569/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 80574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 80574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	7471A	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	7471A	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	7471A	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	7471A	
LCSSRM 480-80574/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-80574/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 80690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	7471A	80574
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	7471A	80574
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	7471A	80574
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	7471A	80574
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	7471A	80574
LCSSRM 480-80574/2-A	Lab Control Sample	Total/NA	Solid	7471A	80574
MB 480-80574/1-A	Method Blank	Total/NA	Solid	7471A	80574

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	1311	
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 80901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	6010B	80569
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	6010B	80569
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	6010B	80569
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	6010B	80569
LCSSRM 480-80569/2-A	Lab Control Sample	Total/NA	Solid	6010B	80569
MB 480-80569/1-A	Method Blank	Total/NA	Solid	6010B	80569

Metals (Continued)

Analysis Batch: 81057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	6010B	80569
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	6010B	80569
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	6010B	80569
MB 480-80569/1-A	Method Blank	Total/NA	Solid	6010B	80569

Prep Batch: 81089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3010A	80843
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	3010A	80843
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-81089/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 81093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	7470A	80843
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	80843
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 81119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	7470A	81093
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	81093
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	81093
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	81093

Analysis Batch: 81221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	6010B	81089
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	6010B	81089
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	6010B	81089
MB 480-81089/2-A	Method Blank	Total/NA	Solid	6010B	81089

General Chemistry

Prep Batch: 21547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9023	
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	

General Chemistry (Continued)

Analysis Batch: 22517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9023	21547
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	21547
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	21547
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	21547

Analysis Batch: 80660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	Moisture	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	Moisture	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	Moisture	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	Moisture	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	Moisture	

Analysis Batch: 80720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1010	
LCS 480-80720/1	Lab Control Sample	Total/NA	Solid	1010	

Analysis Batch: 81017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9045C	
LCS 480-81017/1	Lab Control Sample	Total/NA	Solid	9045C	

Prep Batch: 81188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7.3.3	
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-81188/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 81191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7.3.4	
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-81191/1-A	Method Blank	Total/NA	Solid	7.3.4	

Prep Batch: 81382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-1 DU	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	9012A	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 81382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	9012A	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	9012A	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	9012A	
LCS 480-81382/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-81382/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 81390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012	81188
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	9012	81188
MB 480-81188/1-A	Method Blank	Total/NA	Solid	9012	81188

Analysis Batch: 81401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-1 DU	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	9012A	81382
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	9012A	81382
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	9012A	81382
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	9012A	81382
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	9012A	81382
LCS 480-81382/2-A	Lab Control Sample	Total/NA	Solid	9012A	81382
MB 480-81382/1-A	Method Blank	Total/NA	Solid	9012A	81382

Analysis Batch: 81407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9034	81191
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	9034	81191
MB 480-81191/1-A	Method Blank	Total/NA	Solid	9034	81191

Client Sample ID: NS-SB/MW-1-SO-(1-3)

Lab Sample ID: 480-25085-1

Date Collected: 09/11/12 10:30

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 01:32	JMB	TAL BUF
Total/NA	Prep	3550B			+30.83 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20			80891	09/17/12 15:05	RMM	TAL BUF
Total/NA	Prep	3550B			+2.63 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 23:07	JM	TAL BUF
Total/NA	Prep	7471A			+0.6249 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:24	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4765 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 18:45	AH	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5133 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:40	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2

Date Collected: 09/11/12 10:35

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 01:57	JMB	TAL BUF
Total/NA	Prep	3550B			+30.27 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1			80891	09/17/12 15:29	RMM	TAL BUF
Total/NA	Prep	3550B			+2.33 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 18:50	JM	TAL BUF
Total/NA	Prep	7471A			+0.5837 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:26	JRK	TAL BUF
Total/NA	Prep	3050B			+0.4941 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 18:47	AH	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5215 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:41	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.06 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 02:23	JMB	TAL BUF
Total/NA	Prep	3550B			+30.64 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20			80891	09/17/12 15:53	RMM	TAL BUF
Total/NA	Prep	3550B			+2.42 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 19:10	JM	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.5959 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		20			80690	09/14/12 15:17	JRK	TAL BUF
Total/NA	Prep	3050B			0.5030 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 18:49	AH	TAL BUF
Total/NA	Analysis	6010B		5			81057	09/17/12 15:46	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5397 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:42	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4

Date Collected: 09/11/12 13:35

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.21 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 02:49	JMB	TAL BUF
Total/NA	Prep	3550B			+30.28 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1			80891	09/17/12 16:16	RMM	TAL BUF
Total/NA	Prep	3550B			+2.42 g	10 mL	81066	09/18/12 09:15	CM	TAL BUF
Total/NA	Analysis	8082		1			81193	09/19/12 19:36	JM	TAL BUF
Total/NA	Prep	7471A			0.6434 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:29	JRK	TAL BUF
Total/NA	Prep	3050B			0.4670 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 18:51	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 15:54	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5282 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:45	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 04:06	JMB	TAL BUF
Total/NA	Prep	3550B			+30.28 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20			80891	09/17/12 16:40	RMM	TAL BUF
Total/NA	Prep	3550B			+2.23 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 20:29	JM	TAL BUF
Total/NA	Prep	7471A			0.6557 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:36	JRK	TAL BUF
Total/NA	Prep	3050B			0.5118 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:02	AH	TAL BUF

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5			81057	09/17/12 15:52	MM	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:00	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5239 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:47	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Date Collected: 09/12/12 10:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 04:31	JMB	TAL BUF
Total/NA	Prep	3550B			+30.53 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		10			80891	09/17/12 17:03	RMM	TAL BUF
Total/NA	Prep	3550B			+2.51 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 21:28	JM	TAL BUF
Total/NA	Prep	7471A			+0.6257 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:38	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5225 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:04	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:03	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5226 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:48	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 04:57	JMB	TAL BUF
Total/NA	Prep	5035	DL		0.97 g	5 mL	80815	09/16/12 12:06	JMB	TAL BUF
Total/NA	Analysis	8260B	DL	1			80812	09/16/12 13:08	CDC	TAL BUF
TCLP	Leach	1311			25.08 g	500 mL	80886	09/17/12 10:27	TR	TAL BUF
TCLP	Analysis	8260B		10	5 mL	5 mL	81278	09/19/12 15:01	LH	TAL BUF
Total/NA	Prep	3550B			+30.43 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1			80891	09/17/12 17:27	RMM	TAL BUF
TCLP	Leach	1311			100.49 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			250 mL	1 mL	81329	09/19/12 14:39	KB	TAL BUF
TCLP	Analysis	8270C		1			81475	09/20/12 17:44	HTL	TAL BUF
Total/NA	Prep	3550B			+2.87 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 21:48	JM	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15

Matrix: Solid

Date Received: 09/13/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.49 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			250 mL	10 mL	81196	09/19/12 06:56	TR	TAL BUF
TCLP	Analysis	8081A		1			81416	09/20/12 16:42	LW	TAL BUF
TCLP	Prep	8151A			250 mL	10 mL	81194	09/19/12 04:40	TR	TAL BUF
TCLP	Analysis	8151		1			81929	09/24/12 17:32	MN	TAL BUF
Total/NA	Prep	7471A			0.6011 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1			80690	09/14/12 14:40	JRK	TAL BUF
Total/NA	Prep	3050B			0.4646 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:06	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:05	MM	TAL BUF
TCLP	Leach	1311			100.49 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	7470A			30 mL	50 mL	81093	09/18/12 11:45	JRK	TAL BUF
TCLP	Analysis	7470A		1			81119	09/18/12 14:58	JRK	TAL BUF
TCLP	Prep	3010A			50 mL	50 mL	81089	09/18/12 11:10	SS	TAL BUF
TCLP	Analysis	6010B		1			81221	09/18/12 20:45	AH	TAL BUF
Total/NA	Analysis	1110A		1	1.0 g	1.0 g	78446	09/24/12 09:45	HMZ	TAL CC
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Analysis	1010		1			80720	09/14/12 18:48	ML	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	81017	09/17/12 20:45	KS	TAL BUF
Total/NA	Prep	7.3.3			5 mL	5 mL	81188	09/19/12 04:15	BM	TAL BUF
Total/NA	Analysis	9012		1			81390	09/19/12 21:42	LAW	TAL BUF
Total/NA	Prep	9012A			0.5350 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:49	PJQ	TAL BUF
Total/NA	Prep	7.3.4			100 mL	100 mL	81191	09/19/12 04:22	BM	TAL BUF
Total/NA	Analysis	9034		1			81407	09/19/12 23:25	LAW	TAL BUF
Total/NA	Prep	9023			1 g	1 mL	21547	09/20/12 06:00	SS	TAL NSH
Total/NA	Analysis	9023		1			22517	09/20/12 07:01	SS	TAL NSH

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 05:22	JMB	TAL BUF
Total/NA	Prep	3550B			+30.89 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20			80891	09/17/12 17:50	RMM	TAL BUF
Total/NA	Prep	3550B			+2.17 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 22:08	JM	TAL BUF
Total/NA	Prep	7471A			0.6302 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10			80690	09/14/12 15:21	JRK	TAL BUF
Total/NA	Prep	3050B			0.5037 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:08	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:07	MM	TAL BUF

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20

Matrix: Solid

Date Received: 09/13/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5161 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:50	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-2-SO-(1-3)

Lab Sample ID: 480-25085-9

Date Collected: 09/12/12 13:40

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 05:48	JMB	TAL BUF
Total/NA	Prep	3550B			+30.72 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		10			80891	09/17/12 18:14	RMM	TAL BUF
Total/NA	Prep	3550B			+2.43 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 22:28	JM	TAL BUF
Total/NA	Prep	7471A			+0.6089 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10			80690	09/14/12 15:24	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5328 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:11	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:09	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5359 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:51	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-2-SO-(10-11)

Lab Sample ID: 480-25085-10

Date Collected: 09/12/12 13:45

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1			80508	09/14/12 06:14	JMB	TAL BUF
Total/NA	Prep	3550B			+30.22 g	1 mL	80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1			80891	09/17/12 18:37	RMM	TAL BUF
Total/NA	Prep	3550B			+2.47 g	10 mL	80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1			80733	09/15/12 22:48	JM	TAL BUF
Total/NA	Prep	7471A			+0.6139 g	50 mL	80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10			80690	09/14/12 15:25	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5486 g	50 mL	80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1			80901	09/14/12 19:13	AH	TAL BUF
Total/NA	Analysis	6010B		1			81057	09/17/12 16:11	MM	TAL BUF
Total/NA	Analysis	Moisture		1			80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			0.5334 g	50 mL	81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1			81401	09/20/12 00:52	PJQ	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-30-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-12

Laboratory: TestAmerica Corpus Christi

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Kansas	NELAC	7	E-10362	10-31-12
Oklahoma	State Program	6	9968	08-31-13
Texas	NELAC	6	T104704210-12-8	03-31-13
USDA	Federal		P330-11-00060	02-03-14

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-13
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8260B	TCLP Volatiles	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	TCLP Semivolatiles	SW846	TAL BUF
8081A	TCLP Pesticides	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151	TCLP Herbicides	SW846	TAL BUF
1110A	Corrosivity Toward Steel	SW846	TAL CC
6010B	Metals (ICP)	SW846	TAL BUF
6010B	TCLP RCRA Metals	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
9023	Organic Halides, Extractable (EOX)	SW846	TAL NSH
9034	Sulfide, Reactive	SW846	TAL BUF
9045C	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25085-1	NS-SB/MW-1-SO-(1-3)	Solid	09/11/12 10:30	09/13/12 09:00
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Solid	09/11/12 10:35	09/13/12 09:00
480-25085-3	NS-SB/MW-5-SO-(1-3)	Solid	09/11/12 13:30	09/13/12 09:00
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Solid	09/11/12 13:35	09/13/12 09:00
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Solid	09/12/12 10:40	09/13/12 09:00
480-25085-6	NS-SB/MW-6-SO-(10-11)	Solid	09/12/12 10:45	09/13/12 09:00
480-25085-7	NS-SB/MW-7-SO-(1-3)	Solid	09/12/12 11:15	09/13/12 09:00
480-25085-8	NS-SB/MW-7-SO-(8-10)	Solid	09/12/12 11:20	09/13/12 09:00
480-25085-9	NS-SB/MW-2-SO-(1-3)	Solid	09/12/12 13:40	09/13/12 09:00
480-25085-10	NS-SB/MW-2-SO-(10-11)	Solid	09/12/12 13:45	09/13/12 09:00

[redacted]

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/12/12	Chain of Custody Number: 231741
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10081	Site Contact: Phillip Castellano	Lab Contact:	
Project Name and Location (State): Ney Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TAL Metals 6010	Mercury 7470	Cyanide 9012	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP
SB/MW-1 (1-3)	9/12/12	1030				X	X						X	X	X	X	X	X	
SB/MW-1 (10-11.5)		1035																	
SB/MW-5 (1-3)		1330																	
SB/MW-5 (7.5-9.5)		1335																	
SB/MW-5 (7.5-9.5) MS		1340																	
SB/MW-5 (7.5-9.5) MSD		1340																	
SB/MW-6 (0.5-2.5)	9/12/12	1040																	X
SB/MW-6 (10-11)		1045																	
SB/MW-7 (1-3)		1115																	
SB/MW-7 (8-10)		1120																	

Special Instructions/ Conditions of Receipt: Category B data deliverables and Equis EDD

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	9/12/12	1500	1. Received By: TANYC	9/13/12	1502
2. Relinquished By	9/12/12	1512	2. Received By: TL	9/13/12	0911
3. Relinquished By			3. Received By:		

Comments: 7.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/12/12	Chain of Custody Number: 231742
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10881	Site Contact: Philip Castellano	Lab Contact:	
Project Name and Location (State): Ley Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: THL Metals 6010	Mercury 7470	Cyanide 9010	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP
SB/MW-2(1-3)	9/12/12	1340				X	X						X	X	X	X	X	X	X
SB/MW-2(10-11)	↓	1345				↓	↓						↓	↓	↓	↓	↓	↓	↓

Special Instructions/ Conditions of Receipt

Category B data deliverables and Equis EDP

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/12/12	1500	1. Received By	9/13/12	1500
2. Relinquished By	9/13/12	1535	2. Received By	9/13/12	0900
3. Relinquished By			3. Received By		

Comments

2.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085
List Number: 1
Creator: Magee, Alice J.

List Source: TestAmerica Corpus Christi
List Creation: 09/15/12 12:01 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8C IR4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085
List Number: 1
Creator: Brothers, James

List Source: TestAmerica Nashville
List Creation: 09/15/12 05:25 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25168-1
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Melissa Deyo

Authorized for release by:
9/28/2012 2:14:12 PM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
T	Result is a tentatively identified compound (TIC) and an estimated value.
N	Presumptive evidence of material.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
B7	Target analyte detected in method blank at or above method reporting limit. Concentration found in the sample was 10 times above the concentration found in the blank.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25168-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25168-1

Receipt
The samples were received on 9/15/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1º C.

Except:

The client sample ID do not match the Chain-of-Custody (COC). They were changed as per client request.

GC/MS VOA
Method 8260B: The following samples were diluted due to the nature of the TCLP matrix: NS-SB/MW-4-SO-(10-11.5) (480-25168-4) and (LB 480-80886/1-A). Elevated reporting limits (RLs) are provided.

Method 8260B: The continuing calibration verification (CCV) associated with batch 81278 contained an analyte outside control limits. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The analytes 3-Methylphenol and 4-Methylphenol co-elute and cannot be analytically separated. The reported concentrations for these analytes are a total rather than individual quantitated values. Since these analytes co-elute, only 4-Methylphenol was calibrated for in the calibration data.

Method 8270C: The following sample was diluted due to the nature of the sample matrix and viscosity: NS-SB/MW-3-SO-(1-3) (480-25168-1), NS-SB/MW-3-SO-(10-11) (480-25168-2). As such, surrogate recoveries were reduced to a level in which they do not provide useful information and elevated reporting limits (RLs) are provided.

Method 8270C: The following samples were diluted due to the nature of the sample matrix and viscosity: NS-SB/MW-3-SO-(10-11) (480-25168-2), NS-SB/MW-4-SO-(0.5-2.5) (480-25168-3), (480-25168-3 MS), (480-25168-3 MSD), NS-SB/MW-4-SO-(10-11.5) (480-25168-4). Elevated reporting limits (RLs) are provided.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 80867 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 81475: 4-Nitrophenol. This compound is not classified as a Calibration Check Compound (CCC) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method 8081A: All primary data was reported from the RTX-CLPI column.

Method 8081A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: All primary data was reported from the ZB-5 column.

Method 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Job ID: 480-25168-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method 8082: The quantified PCB-1268 in sample NS-SB/MW-3-SO-(1-3) (480-25168-1), has some individual peaks which fall slightly below the method detection limit (MDL); therefore, they do not appear on the form 10. The identification and confirmation for PCBs requires a pattern presence on a differing column, and the pattern does exist.

Method 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-81193/2) and (CCV 480-81193/13) for Tetrachloro-m-xylene exceeded 15% on the ZB-5 column, indicating a high bias.

Method 8082: The surrogate percent difference in the associated continuing calibration verification (CCV 480-81193/25) for Tetrachloro-m-xylene and Decachlorobiphenyl exceeded 15% on the ZB-5 column, indicating a high bias.

Method 8151A: All primary data is reported from the STX-CLPI column.

Method 8151A: The surrogate recovery for the following samples was outside control limits: NS-SB/MW-4-SO-(10-11.5) (480-25168-4) and (LB 480-80843/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide extraction procedure.

No other analytical or quality issues were noted.

Metals

Method 6010B: The method blank for preparation batch 81041 contained Calcium and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The method blank for preparation batch 81041 contained Manganese above the method detection limits. The associated samples contained detection for this analyte a levels greater than 10 times the amount found in the method blank. No corrective action was necessary.

Method 6010B: The post digestion spike (480-25168-1 PDS) in preparation batch 81041 exhibited results outside the quality control limits for Manganese and Nickel. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

Method 6010B: The matrix spike / matrix spike duplicate recoveries and precision for preparation batch 81041 were outside control limits. Non-homogeneity of the sample matrix was suspected. The associated laboratory control sample (LCS) met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The serial dilution (480-25168-1 SD) in preparation batch 81041 exhibited results outside the quality control limits for Calcium, Magnesium and Zinc. However, the post digestion spike was compliant so no corrective action was necessary.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Barium above the reporting limit (RL). The associated sample contained a detection for this analyte at a concentration greater than 10 times the value found in the TCLP leachate blank; therefore, re-extraction and/or re-analysis of the sample was not performed.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The method blank for TCLP preparation batch 81089 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 7471A: The following sample was diluted to bring the concentration of the target analyte Mercury within the calibration range: NS-SB/MW-3-SO-(1-3) (480-25168-1). Elevated reporting limits (RLs) are provided.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for Mercury in batch 81044 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Job ID: 480-25168-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

No other analytical or quality issues were noted.

General Chemistry
Method 9012A: The sample duplicate precision for the following sample associated with batch 81745 was outside control limits: (480-25168-1 DU). The associated laboratory control sample (LCS) met acceptance criteria.

Method 9023: The matrix spike (MS) recovery for batch 22517 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 9023: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 22517 was outside control limits.

No other analytical or quality issues were noted.

Organic Prep
Method 3550B: Due to the matrix, the following sample could not be concentrated to the final method required volume for analysis by method 8270C: NS-SB/MW-3-SO-(1-3) (480-25168-1). The reporting limits (RLs) are elevated proportionately.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-3-SO-(1-3) — Lab Sample ID: 480-25168-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.1	J	5.5	0.74	ug/Kg	1	☼	8260B	Total/NA
Naphthalene	63		5.5	0.74	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	2300	J	28000	1700	ug/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	10000	J	28000	330	ug/Kg	50	☼	8270C	Total/NA
Acenaphthene	18000	J	28000	320	ug/Kg	50	☼	8270C	Total/NA
Acenaphthylene	5000	J	28000	220	ug/Kg	50	☼	8270C	Total/NA
Anthracene	40000		28000	700	ug/Kg	50	☼	8270C	Total/NA
Benzo(a)anthracene	81000		28000	470	ug/Kg	50	☼	8270C	Total/NA
Benzo(a)pyrene	78000		28000	660	ug/Kg	50	☼	8270C	Total/NA
Benzo(b)fluoranthene	86000		28000	530	ug/Kg	50	☼	8270C	Total/NA
Benzo(g,h,i)perylene	30000		28000	330	ug/Kg	50	☼	8270C	Total/NA
Benzo(k)fluoranthene	40000		28000	300	ug/Kg	50	☼	8270C	Total/NA
Carbazole	18000	J	28000	320	ug/Kg	50	☼	8270C	Total/NA
Chrysene	80000		28000	270	ug/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	9500	J	28000	320	ug/Kg	50	☼	8270C	Total/NA
Dibenzofuran	15000	J	28000	280	ug/Kg	50	☼	8270C	Total/NA
Fluoranthene	180000		28000	400	ug/Kg	50	☼	8270C	Total/NA
Fluorene	19000	J	28000	630	ug/Kg	50	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	28000		28000	760	ug/Kg	50	☼	8270C	Total/NA
Naphthalene	16000	J	28000	460	ug/Kg	50	☼	8270C	Total/NA
Phenanthrene	190000		28000	570	ug/Kg	50	☼	8270C	Total/NA
Pyrene	160000		28000	180	ug/Kg	50	☼	8270C	Total/NA
PCB-1268	100	J	220	100	ug/Kg	1	☼	8082	Total/NA
Aluminum	5500		10	4.5	mg/Kg	1	☼	6010B	Total/NA
Antimony	27		15	0.56	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		2.1	0.41	mg/Kg	1	☼	6010B	Total/NA
Barium	570		0.51	0.11	mg/Kg	1	☼	6010B	Total/NA
Beryllium	1.0		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Cadmium	9.4		0.21	0.031	mg/Kg	1	☼	6010B	Total/NA
Calcium	76000	B	51	3.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	31		0.51	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	13		0.51	0.051	mg/Kg	1	☼	6010B	Total/NA
Copper	460		1.0	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	22000		10	1.1	mg/Kg	1	☼	6010B	Total/NA
Lead	1600		1.0	0.25	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4400		21	0.95	mg/Kg	1	☼	6010B	Total/NA
Manganese	360	B7	0.21	0.033	mg/Kg	1	☼	6010B	Total/NA
Nickel	330		5.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Potassium	960		31	21	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.1	J	4.1	0.59	mg/Kg	1	☼	6010B	Total/NA
Silver	0.85		0.51	0.21	mg/Kg	1	☼	6010B	Total/NA
Sodium	490		140	13	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		0.51	0.11	mg/Kg	1	☼	6010B	Total/NA
Zinc	1600	B	2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	1.1		0.11	0.044	mg/Kg	5	☼	7471A	Total/NA
Cyanide, Total	1.3		1.0	0.51	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-3-SO-(10-11) — Lab Sample ID: 480-25168-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.9	J	29	4.9	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	4.2	J	5.9	0.79	ug/Kg	1	☼	8260B	Total/NA
Naphthalene	13		5.9	0.79	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: NS-SB/MW-3-SO-(10-11) (Continued) — Lab Sample ID: 480-25168-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	160	J	3900	98	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	810	J	3900	66	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	740	J	3900	92	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	880	J	3900	74	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	350	J	3900	46	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	440	J	3900	42	ug/Kg	20	☼	8270C	Total/NA
Chrysene	760	J	3900	38	ug/Kg	20	☼	8270C	Total/NA
Dibenz(a,h)anthracene	170	J	3900	45	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	1400	J	3900	55	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	320	J	3900	110	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	900	J	3900	80	ug/Kg	20	☼	8270C	Total/NA
Pyrene	1300	J	3900	25	ug/Kg	20	☼	8270C	Total/NA
Aluminum	8100		11	4.6	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.1	J	16	0.57	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.4		2.1	0.42	mg/Kg	1	☼	6010B	Total/NA
Barium	100		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.58		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.27		0.21	0.032	mg/Kg	1	☼	6010B	Total/NA
Calcium	14000	B	53	3.5	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.4		0.53	0.053	mg/Kg	1	☼	6010B	Total/NA
Copper	73		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	6500		11	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	82		1.1	0.25	mg/Kg	1	☼	6010B	Total/NA
Magnesium	660		21	0.97	mg/Kg	1	☼	6010B	Total/NA
Manganese	100	B7	0.21	0.034	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		5.3	0.24	mg/Kg	1	☼	6010B	Total/NA
Potassium	950		32	21	mg/Kg	1	☼	6010B	Total/NA
Sodium	270		150	14	mg/Kg	1	☼	6010B	Total/NA
Vanadium	19		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	200	B	2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.058		0.023	0.0093	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5) — Lab Sample ID: 480-25168-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.3		5.8	0.78	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	5.5	J	5.8	1.3	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	170	J	4200	49	ug/Kg	20	☼	8270C	Total/NA
Anthracene	490	J	4200	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	1600	J	4200	72	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	1500	J	4200	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	1700	J	4200	81	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	710	J	4200	50	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	800	J	4200	46	ug/Kg	20	☼	8270C	Total/NA
Chrysene	1500	J	4200	42	ug/Kg	20	☼	8270C	Total/NA
Dibenz(a,h)anthracene	320	J	4200	49	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	3100	J	4200	60	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	670	J	4200	110	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	2500	J	4200	87	ug/Kg	20	☼	8270C	Total/NA
Pyrene	2700	J	4200	27	ug/Kg	20	☼	8270C	Total/NA
Aluminum	4000		13	5.8	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.5	J	2.6	0.53	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5) (Continued)

Lab Sample ID: 480-25168-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	65		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.20	J	0.26	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	27		0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	3600	B	66	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.7		0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	3.7		0.66	0.066	mg/Kg	1	☼	6010B	Total/NA
Copper	30		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	2900		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	39		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	650		26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	220	B7	0.26	0.042	mg/Kg	1	☼	6010B	Total/NA
Nickel	10		6.6	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	400		39	26	mg/Kg	1	☼	6010B	Total/NA
Sodium	250		180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	8.1		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	450	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.041		0.025	0.010	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)

Lab Sample ID: 480-25168-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.5	J	28	2.0	ug/Kg	1	☼	8260B	Total/NA
Acetone	23	J	28	4.7	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	6.7		5.6	0.75	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.2	J	5.6	0.42	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.9	J	5.6	1.2	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	240	J	3900	45	ug/Kg	20	☼	8270C	Total/NA
Anthracene	330	J	3900	99	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	1500	J	3900	67	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	1500	J	3900	93	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	1800	J	3900	75	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	1000	J	3900	46	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	820	J	3900	43	ug/Kg	20	☼	8270C	Total/NA
Carbazole	220	J	3900	45	ug/Kg	20	☼	8270C	Total/NA
Chrysene	1600	J	3900	39	ug/Kg	20	☼	8270C	Total/NA
Dibenz(a,h)anthracene	380	J	3900	46	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	3700	J	3900	56	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	910	J	3900	110	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	2000	J	3900	81	ug/Kg	20	☼	8270C	Total/NA
Pyrene	3100	J	3900	25	ug/Kg	20	☼	8270C	Total/NA
Aluminum	4200		11	5.0	mg/Kg	1	☼	6010B	Total/NA
Antimony	4.2	J	17	0.62	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.7		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	44		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.39		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	5.6		0.23	0.034	mg/Kg	1	☼	6010B	Total/NA
Calcium	23000	B	57	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	16		0.57	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.7		0.57	0.057	mg/Kg	1	☼	6010B	Total/NA
Copper	64		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	9700		11	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	130		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3100		23	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-4-SO-(10-11.5) (Continued)

Lab Sample ID: 480-25168-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	120	B7	0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		5.7	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	690		34	23	mg/Kg	1	☼	6010B	Total/NA
Sodium	150	J	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	19		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	410	B	2.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	0.46	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.26		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.0022	J B	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.079		0.0050	0.0030	mg/L	1		6010B	TCLP
Mercury	0.073		0.023	0.0093	mg/Kg	1	☼	7471A	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity toward Steel	0.16		0.10	0.10	mm/year	1		1110A	Total/NA
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010	Total/NA
pH	8.11		0.100	0.100	SU	1		9045C	Total/NA

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Date Collected: 09/13/12 09:40
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-1
Matrix: Solid
Percent Solids: 89.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,1,2-Trichloroethane	ND		5.5	0.72	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2-Dibromoethane	ND		5.5	0.71	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,2-Dichloropropane	ND		5.5	2.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Acetone	ND		28	4.6	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Benzene	ND		5.5	0.27	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Bromodichloromethane	ND		5.5	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Bromomethane	ND		5.5	0.50	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Carbon disulfide	ND		5.5	2.8	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Chlorobenzene	ND		5.5	0.73	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Methylcyclohexane	ND		5.5	0.84	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Styrene	ND		5.5	0.28	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Tetrachloroethene	**2.1**	**J**	5.5	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Toluene	ND		5.5	0.42	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1
Naphthalene	**63**		5.5	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 06:23	1

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Date Collected: 09/13/12 09:40
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-1
Matrix: Solid
Percent Solids: 89.9

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Trichloroethylene	11	T J N	ug/Kg	☼	8.24	79-1-6	09/20/12 13:00	09/24/12 06:23	1
Naphthalene, 2-methyl-	7.7	T J N	ug/Kg	☼	18.99	91-57-6	09/20/12 13:00	09/24/12 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	09/20/12 13:00	09/24/12 06:23	1
Toluene-d8 (Surr)	97		71 - 125	09/20/12 13:00	09/24/12 06:23	1
4-Bromofluorobenzene (Surr)	94		72 - 126	09/20/12 13:00	09/24/12 06:23	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**2300**	**J**	28000	1700	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
bis (2-chloroisopropyl) ether	ND		28000	2900	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4,5-Trichlorophenol	ND		28000	6000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4,6-Trichlorophenol	ND		28000	1800	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4-Dichlorophenol	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4-Dimethylphenol	ND		28000	7400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4-Dinitrophenol	ND	*	54000	9600	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,4-Dinitrotoluene	ND		28000	4200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2,6-Dinitrotoluene	ND		28000	6700	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Chloronaphthalene	ND		28000	1800	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Chlorophenol	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Methylnaphthalene	**10000**	**J**	28000	330	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Methylphenol	ND		28000	840	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Nitroaniline	ND		54000	8800	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
2-Nitrophenol	ND		28000	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
3,3'-Dichlorobenzidine	ND		28000	24000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
3-Nitroaniline	ND		54000	6300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4,6-Dinitro-2-methylphenol	ND	*	54000	9500	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Bromophenyl phenyl ether	ND		28000	8700	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Chloro-3-methylphenol	ND		28000	1100	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Chloroaniline	ND		28000	8000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Chlorophenyl phenyl ether	ND		28000	580	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Methylphenol	ND		54000	1500	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Nitroaniline	ND		54000	3100	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
4-Nitrophenol	ND		54000	6600	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Acenaphthene	**18000**	**J**	28000	320	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Acenaphthylene	**5000**	**J**	28000	220	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Acetophenone	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Anthracene	**40000**		28000	700	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Atrazine	ND		28000	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzaldehyde	ND		28000	3000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzo(a)anthracene	**81000**		28000	470	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzo(a)pyrene	**78000**		28000	660	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzo(b)fluoranthene	**86000**		28000	530	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzo(g,h,i)perylene	**30000**		28000	330	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Benzo(k)fluoranthene	**40000**		28000	300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Bis(2-chloroethoxy)methane	ND		28000	1500	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Bis(2-chloroethyl)ether	ND		28000	2400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Bis(2-ethylhexyl) phthalate	ND		28000	8800	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Butyl benzyl phthalate	ND		28000	7400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Caprolactam	ND		28000	12000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Carbazole	**18000**	**J**	28000	320	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Date Collected: 09/13/12 09:40
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-1
Matrix: Solid
Percent Solids: 89.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**80000**		28000	270	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Di-n-butyl phthalate	ND		28000	9500	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Di-n-octyl phthalate	ND		28000	640	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Dibenz(a,h)anthracene	**9500**	**J**	28000	320	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Dibenzofuran	**15000**	**J**	28000	280	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Diethyl phthalate	ND		28000	830	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Dimethyl phthalate	ND		28000	710	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Fluoranthene	**180000**		28000	400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Fluorene	**19000**	**J**	28000	630	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Hexachlorobenzene	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Hexachlorobutadiene	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Hexachlorocyclopentadiene	ND		28000	8300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Hexachloroethane	ND		28000	2100	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Indeno(1,2,3-cd)pyrene	**28000**		28000	760	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Isophorone	ND		28000	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
N-Nitrosodi-n-propylamine	ND		28000	2200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
N-Nitrosodiphenylamine	ND		28000	1500	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Naphthalene	**16000**	**J**	28000	460	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Nitrobenzene	ND		28000	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Pentachlorophenol	ND		54000	9400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Phenanthrene	**190000**		28000	570	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Phenol	ND		28000	2900	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50
Pyrene	**160000**		28000	180	ug/Kg	☼	09/17/12 09:28	09/18/12 21:17	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*27000*	*T J*	*ug/Kg*	☼	*12.15*		*09/17/12 09:28*	*09/18/12 21:17*	*50*
Unknown	*44000*	*T J*	*ug/Kg*	☼	*15.23*		*09/17/12 09:28*	*09/18/12 21:17*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*0*	*X*	*39 - 146*	*09/17/12 09:28*	*09/18/12 21:17*	*50*
2-Fluorobiphenyl	*116*		*37 - 120*	*09/17/12 09:28*	*09/18/12 21:17*	*50*
2-Fluorophenol	*0*	*X*	*18 - 120*	*09/17/12 09:28*	*09/18/12 21:17*	*50*
Nitrobenzene-d5	*84*		*34 - 132*	*09/17/12 09:28*	*09/18/12 21:17*	*50*
p-Terphenyl-d14	*142*		*65 - 153*	*09/17/12 09:28*	*09/18/12 21:17*	*50*
Phenol-d5	*99*		*11 - 120*	*09/17/12 09:28*	*09/18/12 21:17*	*50*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	42	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1221	ND		220	42	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1232	ND		220	42	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1242	ND		220	42	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1248	ND		220	42	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1254	ND		220	100	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1260	ND		220	100	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1262	ND		220	100	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1
PCB-1268	**100**	**J**	220	100	ug/Kg	☼	09/17/12 12:38	09/19/12 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*146*		*36 - 182*	*09/17/12 12:38*	*09/19/12 11:28*	*1*
Tetrachloro-m-xylene	*97*		*24 - 172*	*09/17/12 12:38*	*09/19/12 11:28*	*1*

Client Sample ID: NS-SB/MW-3-SO-(1-3)

Lab Sample ID: 480-25168-1

Date Collected: 09/13/12 09:40
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 89.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5500		10	4.5	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Antimony	27		15	0.56	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Arsenic	17		2.1	0.41	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Barium	570		0.51	0.11	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Beryllium	1.0		0.21	0.029	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Cadmium	9.4		0.21	0.031	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Calcium	76000	B	51	3.4	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Chromium	31		0.51	0.21	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Cobalt	13		0.51	0.051	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Copper	460		1.0	0.22	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Iron	22000		10	1.1	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Lead	1600		1.0	0.25	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Magnesium	4400		21	0.95	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Manganese	360	B7	0.21	0.033	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Nickel	330		5.1	0.24	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Potassium	960		31	21	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Selenium	1.1	J	4.1	0.59	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Silver	0.85		0.51	0.21	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Sodium	490		140	13	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Thallium	ND		6.2	0.31	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Vanadium	21		0.51	0.11	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1
Zinc	1600	B	2.1	0.16	mg/Kg	☼	09/18/12 08:20	09/18/12 14:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.11	0.044	mg/Kg	☼	09/18/12 08:35	09/18/12 12:33	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	1.3		1.0	0.51	mg/Kg	☼	09/20/12 15:30	09/21/12 15:14	1

Client Sample ID: NS-SB/MW-3-SO-(10-11)

Lab Sample ID: 480-25168-2

Date Collected: 09/13/12 09:45
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.95	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,1,2-Trichloroethane	ND		5.9	0.76	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2-Dibromo-3-Chloropropane	ND		5.9	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2-Dibromoethane	ND		5.9	0.75	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2-Dichloroethane	ND		5.9	0.29	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,2-Dichloropropane	ND		5.9	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
1,4-Dichlorobenzene	ND		5.9	0.82	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-3-SO-(10-11)
Date Collected: 09/13/12 09:45
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-2
Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		29	2.2	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Acetone	**9.9**	**J**	29	4.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Benzene	ND		5.9	0.29	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Bromoform	ND		5.9	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Carbon disulfide	ND		5.9	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Dibromochloromethane	ND		5.9	0.75	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Chloroform	ND		5.9	0.36	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Chloromethane	ND		5.9	0.35	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
cis-1,2-Dichloroethene	ND		5.9	0.75	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Cyclohexane	ND		5.9	0.82	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Isopropylbenzene	ND		5.9	0.89	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Methylcyclohexane	ND		5.9	0.89	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Styrene	ND		5.9	0.29	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Tetrachloroethene	**4.2**	**J**	5.9	0.79	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Toluene	ND		5.9	0.44	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Xylenes, Total	ND		12	0.99	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1
Naphthalene	**13**		5.9	0.79	ug/Kg	☼	09/20/12 13:00	09/24/12 06:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,2,4-Trimethylbenzene	*2.0*	*J*	*ug/Kg*	☼	*14.30*	*95-63-6*	*09/20/12 13:00*	*09/24/12 06:48*	*1*
1,2,3-Trimethylbenzene	*1.3*	*J*	*ug/Kg*	☼	*14.87*	*526-73-8*	*09/20/12 13:00*	*09/24/12 06:48*	*1*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/20/12 13:00*	*09/24/12 06:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*64 - 126*	*09/20/12 13:00*	*09/24/12 06:48*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*09/20/12 13:00*	*09/24/12 06:48*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*09/20/12 13:00*	*09/24/12 06:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		3900	240	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
bis (2-chloroisopropyl) ether	ND		3900	400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,4,5-Trichlorophenol	ND		3900	830	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,4,6-Trichlorophenol	ND		3900	250	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,4-Dichlorophenol	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-3-SO-(10-11)
Date Collected: 09/13/12 09:45
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-2
Matrix: Solid
Percent Solids: 87.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		3900	1000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,4-Dinitrophenol	ND	*	7500	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,4-Dinitrotoluene	ND		3900	590	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2,6-Dinitrotoluene	ND		3900	940	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Chloronaphthalene	ND		3900	260	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Chlorophenol	ND		3900	190	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Methylnaphthalene	ND		3900	46	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Methylphenol	ND		3900	120	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Nitroaniline	ND		7500	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
2-Nitrophenol	ND		3900	170	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
3,3'-Dichlorobenzidine	ND		3900	3400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
3-Nitroaniline	ND		7500	880	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4,6-Dinitro-2-methylphenol	ND	*	7500	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Bromophenyl phenyl ether	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Chloro-3-methylphenol	ND		3900	160	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Chloroaniline	ND		3900	1100	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Chlorophenyl phenyl ether	ND		3900	81	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Methylphenol	ND		7500	210	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Nitroaniline	ND		7500	430	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
4-Nitrophenol	ND		7500	930	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Acenaphthene	ND		3900	45	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Acenaphthylene	ND		3900	31	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Acetophenone	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Anthracene	**160**	**J**	3900	98	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Atrazine	ND		3900	170	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzaldehyde	ND		3900	420	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzo(a)anthracene	**810**	**J**	3900	66	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzo(a)pyrene	**740**	**J**	3900	92	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzo(b)fluoranthene	**880**	**J**	3900	74	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzo(g,h,i)perylene	**350**	**J**	3900	46	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Benzo(k)fluoranthene	**440**	**J**	3900	42	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Bis(2-chloroethoxy)methane	ND		3900	210	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Bis(2-chloroethyl)ether	ND		3900	330	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Bis(2-ethylhexyl) phthalate	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Butyl benzyl phthalate	ND		3900	1000	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Caprolactam	ND		3900	1700	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Carbazole	ND		3900	44	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Chrysene	**760**	**J**	3900	38	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Di-n-butyl phthalate	ND		3900	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Di-n-octyl phthalate	ND		3900	89	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Dibenz(a,h)anthracene	**170**	**J**	3900	45	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Dibenzofuran	ND		3900	40	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Diethyl phthalate	ND		3900	120	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Dimethyl phthalate	ND		3900	100	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Fluoranthene	**1400**	**J**	3900	55	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Fluorene	ND		3900	88	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Hexachlorobenzene	ND		3900	190	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Hexachlorobutadiene	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Hexachlorocyclopentadiene	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Hexachloroethane	ND		3900	300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Indeno(1,2,3-cd)pyrene	**320**	**J**	3900	110	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20

Client Sample ID: NS-SB/MW-3-SO-(10-11)
Date Collected: 09/13/12 09:45
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-2
Matrix: Solid
Percent Solids: 87.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		3900	190	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
N-Nitrosodi-n-propylamine	ND		3900	300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
N-Nitrosodiphenylamine	ND		3900	210	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Naphthalene	ND		3900	64	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Nitrobenzene	ND		3900	170	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Pentachlorophenol	ND		7500	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Phenanthrene	**900**	**J**	3900	80	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Phenol	ND		3900	400	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20
Pyrene	**1300**	**J**	3900	25	ug/Kg	☼	09/17/12 09:28	09/18/12 21:41	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methylene Chloride	*6300*	*T J N*	*ug/Kg*	☼	*3.05*	*75-9-2*	*09/17/12 09:28*	*09/18/12 21:41*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*62*		*39 - 146*	*09/17/12 09:28*	*09/18/12 21:41*	*20*
2-Fluorobiphenyl	*83*		*37 - 120*	*09/17/12 09:28*	*09/18/12 21:41*	*20*
2-Fluorophenol	*66*		*18 - 120*	*09/17/12 09:28*	*09/18/12 21:41*	*20*
Nitrobenzene-d5	*66*		*34 - 132*	*09/17/12 09:28*	*09/18/12 21:41*	*20*
p-Terphenyl-d14	*104*		*65 - 153*	*09/17/12 09:28*	*09/18/12 21:41*	*20*
Phenol-d5	*74*		*11 - 120*	*09/17/12 09:28*	*09/18/12 21:41*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	49	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1221	ND		250	49	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1232	ND		250	49	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1242	ND		250	49	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1248	ND		250	49	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1254	ND		250	120	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1260	ND		250	120	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1262	ND		250	120	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1
PCB-1268	ND		250	120	ug/Kg	☼	09/17/12 12:38	09/19/12 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*36 - 182*	*09/17/12 12:38*	*09/19/12 12:13*	*1*
Tetrachloro-m-xylene	*119*		*24 - 172*	*09/17/12 12:38*	*09/19/12 12:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		11	4.6	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Antimony	**1.1**	**J**	16	0.57	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Arsenic	**7.4**		2.1	0.42	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Barium	**100**		0.53	0.12	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Beryllium	**0.58**		0.21	0.029	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Cadmium	**0.27**		0.21	0.032	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Calcium	**14000**	**B**	53	3.5	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Chromium	**18**		0.53	0.21	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Cobalt	**5.4**		0.53	0.053	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Copper	**73**		1.1	0.22	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Iron	**6500**		11	1.2	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Lead	**82**		1.1	0.25	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Magnesium	**660**		21	0.97	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-3-SO-(10-11)

Lab Sample ID: 480-25168-2
Date Collected: 09/13/12 09:45
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 87.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	100	B7	0.21	0.034	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Nickel	15		5.3	0.24	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Potassium	950		32	21	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Selenium	ND		4.2	0.60	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Silver	ND		0.53	0.21	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Sodium	270		150	14	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Thallium	ND		6.3	0.32	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Vanadium	19		0.53	0.12	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1
Zinc	200	B	2.1	0.16	mg/Kg	☼	09/18/12 08:20	09/18/12 15:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.023	0.0093	mg/Kg	☼	09/18/12 08:35	09/18/12 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.53	mg/Kg	☼	09/20/12 15:30	09/21/12 15:16	1

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)

Lab Sample ID: 480-25168-3
Date Collected: 09/13/12 13:55
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 80.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Acetone	ND		29	4.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Benzene	ND		5.8	0.28	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Chlorobenzene	ND		5.8	0.76	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)
Date Collected: 09/13/12 13:55
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-3
Matrix: Solid
Percent Solids: 80.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.8	0.35	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
cis-1,3-Dichloropropene	ND		5.8	0.83	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Cyclohexane	ND		5.8	0.81	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Methyl acetate	ND		5.8	1.1	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Styrene	ND		5.8	0.29	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Tetrachloroethene	**6.3**		5.8	0.78	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Toluene	ND		5.8	0.44	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
trans-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Trichloroethene	**5.5**	**J**	5.8	1.3	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1
Naphthalene	ND		5.8	0.78	ug/Kg	☼	09/20/12 13:00	09/24/12 07:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.6*	*T J*	*ug/Kg*	☼	*6.36*		*09/20/12 13:00*	*09/24/12 07:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*64 - 126*	*09/20/12 13:00*	*09/24/12 07:14*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*09/20/12 13:00*	*09/24/12 07:14*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*09/20/12 13:00*	*09/24/12 07:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4200	260	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
bis (2-chloroisopropyl) ether	ND		4200	430	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4,5-Trichlorophenol	ND		4200	910	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4,6-Trichlorophenol	ND		4200	270	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4-Dichlorophenol	ND		4200	220	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4-Dimethylphenol	ND		4200	1100	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4-Dinitrophenol	ND	*	8100	1500	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,4-Dinitrotoluene	ND		4200	640	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2,6-Dinitrotoluene	ND		4200	1000	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Chloronaphthalene	ND		4200	280	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Chlorophenol	ND		4200	210	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Methylnaphthalene	ND		4200	50	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Methylphenol	ND		4200	130	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Nitroaniline	ND		8100	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
2-Nitrophenol	ND		4200	190	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
3,3'-Dichlorobenzidine	ND		4200	3600	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
3-Nitroaniline	ND		8100	960	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4,6-Dinitro-2-methylphenol	ND	*	8100	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Bromophenyl phenyl ether	ND		4200	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Chloro-3-methylphenol	ND		4200	170	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)
Date Collected: 09/13/12 13:55
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-3
Matrix: Solid
Percent Solids: 80.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		4200	1200	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Chlorophenyl phenyl ether	ND		4200	89	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Methylphenol	ND		8100	230	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Nitroaniline	ND		8100	460	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
4-Nitrophenol	ND		8100	1000	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Acenaphthene	**170**	**J**	4200	49	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Acenaphthylene	ND		4200	34	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Acetophenone	ND		4200	210	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Anthracene	**490**	**J**	4200	110	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Atrazine	ND		4200	180	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzaldehyde	ND		4200	460	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzo(a)anthracene	**1600**	**J**	4200	72	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzo(a)pyrene	**1500**	**J**	4200	100	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzo(b)fluoranthene	**1700**	**J**	4200	81	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzo(g,h,i)perylene	**710**	**J**	4200	50	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Benzo(k)fluoranthene	**800**	**J**	4200	46	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Bis(2-chloroethoxy)methane	ND		4200	230	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Bis(2-chloroethyl)ether	ND		4200	360	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Bis(2-ethylhexyl) phthalate	ND		4200	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Butyl benzyl phthalate	ND		4200	1100	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Caprolactam	ND		4200	1800	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Carbazole	ND		4200	48	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Chrysene	**1500**	**J**	4200	42	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Di-n-butyl phthalate	ND		4200	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Di-n-octyl phthalate	ND		4200	97	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Dibenz(a,h)anthracene	**320**	**J**	4200	49	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Dibenzofuran	ND		4200	43	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Diethyl phthalate	ND		4200	130	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Dimethyl phthalate	ND		4200	110	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Fluoranthene	**3100**	**J**	4200	60	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Fluorene	ND		4200	96	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Hexachlorobenzene	ND		4200	210	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Hexachlorobutadiene	ND		4200	210	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Hexachlorocyclopentadiene	ND		4200	1300	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Hexachloroethane	ND		4200	320	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Indeno(1,2,3-cd)pyrene	**670**	**J**	4200	110	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Isophorone	ND		4200	210	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
N-Nitrosodi-n-propylamine	ND		4200	330	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
N-Nitrosodiphenylamine	ND		4200	230	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Naphthalene	ND		4200	69	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Nitrobenzene	ND		4200	180	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Pentachlorophenol	ND		8100	1400	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Phenanthrene	**2500**	**J**	4200	87	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Phenol	ND		4200	440	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20
Pyrene	**2700**	**J**	4200	27	ug/Kg	☼	09/17/12 09:28	09/18/12 20:53	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methylene Chloride	*19000*	*T J N*	*ug/Kg*	☼	*3.07*	*75-9-2*	*09/17/12 09:28*	*09/18/12 20:53*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*39 - 146*	*09/17/12 09:28*	*09/18/12 20:53*	*20*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)
Date Collected: 09/13/12 13:55
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-3
Matrix: Solid
Percent Solids: 80.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	101		37 - 120	09/17/12 09:28	09/18/12 20:53	20
2-Fluorophenol	76		18 - 120	09/17/12 09:28	09/18/12 20:53	20
Nitrobenzene-d5	83		34 - 132	09/17/12 09:28	09/18/12 20:53	20
p-Terphenyl-d14	130		65 - 153	09/17/12 09:28	09/18/12 20:53	20
Phenol-d5	91		11 - 120	09/17/12 09:28	09/18/12 20:53	20

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1221	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1232	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1242	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1248	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1254	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1260	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1262	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1
PCB-1268	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		36 - 182	09/17/12 12:38	09/19/12 12:27	1
Tetrachloro-m-xylene	113		24 - 172	09/17/12 12:38	09/19/12 12:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4000**		13	5.8	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Antimony	ND		20	0.71	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Arsenic	**1.5**	**J**	2.6	0.53	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Barium	**65**		0.66	0.14	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Beryllium	**0.20**	**J**	0.26	0.037	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Cadmium	**27**		0.26	0.039	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Calcium	**3600**	**B**	66	4.3	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Chromium	**5.7**		0.66	0.26	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Cobalt	**3.7**		0.66	0.066	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Copper	**30**		1.3	0.28	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Iron	**2900**		13	1.4	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Lead	**39**		1.3	0.32	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Magnesium	**650**		26	1.2	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Manganese	**220**	**B7**	0.26	0.042	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Nickel	**10**		6.6	0.30	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Potassium	**400**		39	26	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Selenium	ND		5.3	0.75	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Silver	ND		0.66	0.26	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Sodium	**250**		180	17	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Thallium	ND		7.9	0.39	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Vanadium	**8.1**		0.66	0.14	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1
Zinc	**450**	**B**	2.6	0.20	mg/Kg	☼	09/18/12 08:20	09/18/12 15:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.025	0.010	mg/Kg	☼	09/18/12 08:35	09/18/12 12:09	1

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)

Lab Sample ID: 480-25168-3

Date Collected: 09/13/12 13:55
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 80.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.57	mg/Kg	☼	09/20/12 15:30	09/21/12 15:17	1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)

Lab Sample ID: 480-25168-4

Date Collected: 09/13/12 14:00
Matrix: Solid
Date Received: 09/15/12 09:00

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			09/19/12 16:17	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 16:17	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 16:17	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 16:17	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 16:17	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 16:17	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 16:17	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/19/12 16:17	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 16:17	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 16:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*09/19/12 16:17*	*10*
Toluene-d8 (Surr)	*85*		*71 - 126*		*09/19/12 16:17*	*10*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/19/12 16:17*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.40	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.90	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,1,2-Trichloroethane	ND		5.6	0.72	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
2-Butanone (MEK)	**4.5**	**J**	28	2.0	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Acetone	**23**	**J**	28	4.7	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Benzene	ND		5.6	0.27	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Bromomethane	ND		5.6	0.50	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Dibromochloromethane	ND		5.6	0.71	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Date Collected: 09/13/12 14:00
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-4
Matrix: Solid
Percent Solids: 87.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		5.6	1.3	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Chloroform	ND		5.6	0.34	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
cis-1,2-Dichloroethene	ND		5.6	0.71	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Cyclohexane	ND		5.6	0.78	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Ethylbenzene	ND		5.6	0.38	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Styrene	ND		5.6	0.28	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Tetrachloroethene	**6.7**		5.6	0.75	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Toluene	**1.2**	**J**	5.6	0.42	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Trichloroethene	**1.9**	**J**	5.6	1.2	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1
Naphthalene	ND		5.6	0.75	ug/Kg	☼	09/20/12 13:00	09/26/12 07:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*12*	*T J*	*ug/Kg*	☼	*6.36*		*09/20/12 13:00*	*09/26/12 07:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 126*	*09/20/12 13:00*	*09/26/12 07:30*	*1*
Toluene-d8 (Surr)	*89*		*71 - 125*	*09/20/12 13:00*	*09/26/12 07:30*	*1*
4-Bromofluorobenzene (Surr)	*86*		*72 - 126*	*09/20/12 13:00*	*09/26/12 07:30*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		3900	240	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
bis (2-chloroisopropyl) ether	ND		3900	400	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4,5-Trichlorophenol	ND		3900	840	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4,6-Trichlorophenol	ND		3900	260	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4-Dichlorophenol	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4-Dimethylphenol	ND		3900	1000	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4-Dinitrophenol	ND	*	7600	1400	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,4-Dinitrotoluene	ND		3900	600	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2,6-Dinitrotoluene	ND		3900	950	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Chloronaphthalene	ND		3900	260	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Chlorophenol	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Methylnaphthalene	ND		3900	47	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Methylphenol	ND		3900	120	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Nitroaniline	ND		7600	1200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
2-Nitrophenol	ND		3900	180	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
3,3'-Dichlorobenzidine	ND		3900	3400	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
3-Nitroaniline	ND		7600	890	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4,6-Dinitro-2-methylphenol	ND	*	7600	1300	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Date Collected: 09/13/12 14:00
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-4
Matrix: Solid
Percent Solids: 87.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Chloro-3-methylphenol	ND		3900	160	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Chloroaniline	ND		3900	1100	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Chlorophenyl phenyl ether	ND		3900	82	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Methylphenol	ND		7600	220	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Nitroaniline	ND		7600	430	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
4-Nitrophenol	ND		7600	940	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Acenaphthene	**240**	**J**	3900	45	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Acenaphthylene	ND		3900	32	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Acetophenone	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Anthracene	**330**	**J**	3900	99	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Atrazine	ND		3900	170	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzaldehyde	ND		3900	420	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzo(a)anthracene	**1500**	**J**	3900	67	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzo(a)pyrene	**1500**	**J**	3900	93	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzo(b)fluoranthene	**1800**	**J**	3900	75	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzo(g,h,i)perylene	**1000**	**J**	3900	46	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Benzo(k)fluoranthene	**820**	**J**	3900	43	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Bis(2-chloroethoxy)methane	ND		3900	210	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Bis(2-chloroethyl)ether	ND		3900	330	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Bis(2-ethylhexyl) phthalate	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Butyl benzyl phthalate	ND		3900	1000	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Caprolactam	ND		3900	1700	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Carbazole	**220**	**J**	3900	45	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Chrysene	**1600**	**J**	3900	39	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Di-n-butyl phthalate	ND		3900	1300	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Di-n-octyl phthalate	ND		3900	90	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Dibenz(a,h)anthracene	**380**	**J**	3900	46	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Dibenzofuran	ND		3900	40	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Diethyl phthalate	ND		3900	120	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Dimethyl phthalate	ND		3900	100	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Fluoranthene	**3700**	**J**	3900	56	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Fluorene	ND		3900	89	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Hexachlorobenzene	ND		3900	190	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Hexachlorobutadiene	ND		3900	200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Hexachlorocyclopentadiene	ND		3900	1200	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Hexachloroethane	ND		3900	300	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Indeno(1,2,3-cd)pyrene	**910**	**J**	3900	110	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Isophorone	ND		3900	190	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
N-Nitrosodi-n-propylamine	ND		3900	310	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
N-Nitrosodiphenylamine	ND		3900	210	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Naphthalene	ND		3900	64	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Nitrobenzene	ND		3900	170	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Pentachlorophenol	ND		7600	1300	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Phenanthrene	**2000**	**J**	3900	81	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Phenol	ND		3900	410	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20
Pyrene	**3100**	**J**	3900	25	ug/Kg	☼	09/17/12 09:28	09/19/12 19:33	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/17/12 09:28*	*09/19/12 19:33*	*20*

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Date Collected: 09/13/12 14:00
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-4
Matrix: Solid
Percent Solids: 87.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*61*		*39 - 146*	*09/17/12 09:28*	*09/19/12 19:33*	*20*
2-Fluorobiphenyl	*94*		*37 - 120*	*09/17/12 09:28*	*09/19/12 19:33*	*20*
2-Fluorophenol	*71*		*18 - 120*	*09/17/12 09:28*	*09/19/12 19:33*	*20*
Nitrobenzene-d5	*80*		*34 - 132*	*09/17/12 09:28*	*09/19/12 19:33*	*20*
p-Terphenyl-d14	*112*		*65 - 153*	*09/17/12 09:28*	*09/19/12 19:33*	*20*
Phenol-d5	*84*		*11 - 120*	*09/17/12 09:28*	*09/19/12 19:33*	*20*

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 18:08	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 18:08	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 18:08	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 18:08	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 18:08	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 18:08	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 18:08	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 18:08	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 18:08	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 18:08	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 18:08	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 18:08	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*09/19/12 14:39*	*09/20/12 18:08*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*09/19/12 14:39*	*09/20/12 18:08*	*1*
2-Fluorophenol	*48*		*20 - 120*	*09/19/12 14:39*	*09/20/12 18:08*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*09/19/12 14:39*	*09/20/12 18:08*	*1*
p-Terphenyl-d14	*103*		*67 - 150*	*09/19/12 14:39*	*09/20/12 18:08*	*1*
Phenol-d5	*34*		*16 - 120*	*09/19/12 14:39*	*09/20/12 18:08*	*1*

Method: 8081A - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 06:56	09/20/12 17:23	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 06:56	09/20/12 17:23	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 17:23	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 06:56	09/20/12 17:23	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 06:56	09/20/12 17:23	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 17:23	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 06:56	09/20/12 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*16 - 120*	*09/19/12 06:56*	*09/20/12 17:23*	*1*
Tetrachloro-m-xylene	*68*		*35 - 120*	*09/19/12 06:56*	*09/20/12 17:23*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1221	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1232	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1242	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1248	ND		240	46	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1254	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Date Collected: 09/13/12 14:00
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-4
Matrix: Solid
Percent Solids: 87.1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1262	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1
PCB-1268	ND		240	110	ug/Kg	☼	09/17/12 12:38	09/19/12 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*36 - 182*	*09/17/12 12:38*	*09/19/12 12:42*	*1*
Tetrachloro-m-xylene	*126*		*24 - 172*	*09/17/12 12:38*	*09/19/12 12:42*	*1*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 18:02	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*20*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 18:02*	*1*

Method: 1110A - Corrosivity Toward Steel

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	**0.16**		0.10	0.10	mm/year			09/24/12 09:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4200**		11	5.0	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Antimony	**4.2**	**J**	17	0.62	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Arsenic	**3.7**		2.3	0.46	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Barium	**44**		0.57	0.13	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Beryllium	**0.39**		0.23	0.032	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Cadmium	**5.6**		0.23	0.034	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Calcium	**23000**	**B**	57	3.8	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Chromium	**16**		0.57	0.23	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Cobalt	**4.7**		0.57	0.057	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Copper	**64**		1.1	0.24	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Iron	**9700**		11	1.3	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Lead	**130**		1.1	0.27	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Magnesium	**3100**		23	1.1	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Manganese	**120**	**B7**	0.23	0.037	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Nickel	**15**		5.7	0.26	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Potassium	**690**		34	23	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Selenium	ND		4.6	0.65	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Silver	ND		0.57	0.23	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Sodium	**150**	**J**	160	15	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Thallium	ND		6.8	0.34	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Vanadium	**19**		0.57	0.13	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1
Zinc	**410**	**B**	2.3	0.17	mg/Kg	☼	09/18/12 08:20	09/18/12 15:06	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:54	1
Barium	**0.46**	**B**	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:54	1
Cadmium	**0.26**		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:54	1
Chromium	**0.0022**	**J B**	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:54	1
Lead	**0.079**		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:54	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Date Collected: 09/13/12 14:00
Date Received: 09/15/12 09:00

Lab Sample ID: 480-25168-4
Matrix: Solid

Method: 6010B - TCLP RCRA Metals - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:54	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:54	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 15:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.073**		0.023	0.0093	mg/Kg	☼	09/18/12 08:35	09/18/12 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1
Cyanide, Total	ND		1.1	0.55	mg/Kg	☼	09/20/12 15:30	09/21/12 15:18	1
Halogens, Extractable Organic	ND		11	8.0	mg/Kg	☼	09/20/12 06:00	09/20/12 07:01	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			09/18/12 14:00	1
pH	**8.11**		0.100	0.100	SU			09/17/12 20:53	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Method: 8260B - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
LCS 480-81278/4	Lab Control Sample	89	87	87
MB 480-81278/5	Method Blank	89	84	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	92	85	82
LB 480-80886/1-A LB	Method Blank	92	87	87

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-25168-1	NS-SB/MW-3-SO-(1-3)	107	97	94
480-25168-2	NS-SB/MW-3-SO-(10-11)	115	98	95
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	116	101	96
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	117	89	86
LCS 480-81862/4	Lab Control Sample	90	92	88
LCS 480-82215/30	Lab Control Sample	111	101	94
MB 480-81862/5	Method Blank	98	96	92
MB 480-82215/5	Method Blank	107	95	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(65-153)	(11-120)
480-25168-1	NS-SB/MW-3-SO-(1-3)	0 X	116	0 X	84	142	99
480-25168-2	NS-SB/MW-3-SO-(10-11)	62	83	66	66	104	74
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	78	101	76	83	130	91
480-25168-3 MS	NS-SB/MW-4-SO-(0.5-2.5)	83	99	80	84	118	92

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(65-153)	(11-120)
480-25168-3 MSD	NS-SB/MW-4-SO-(0.5-2.5)	79	93	75	85	108	86
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	61	94	71	80	112	84
LCS 480-80867/2-A	Lab Control Sample	113	99	90	98	115	99
MB 480-80867/1-A	Method Blank	113	95	83	94	125	96

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-81329/2-A	Lab Control Sample	104	97	57	93	113	40
MB 480-81329/1-A	Method Blank	94	84	45	82	105	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	99	87	48	85	103	34
LB 480-80843/1-E LB	Method Blank	104	86	47	83	107	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
LB 480-81196/5-A LB	Method Blank	81	103	74	93
LCS 480-81196/2-A	Lab Control Sample	72	90	80	101
MB 480-81196/1-A	Method Blank	89	107	71	91

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	68	88	68	96

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(36-182)	(24-172)	(24-172)
480-25168-1	NS-SB/MW-3-SO-(1-3)	146	152	97	100
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	144	152	123	117
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	121	138	101	97
480-25168-2	NS-SB/MW-3-SO-(10-11)	113	106	119	119
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	108	102	113	114
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	117	109	126	127
LCS 480-80869/2-A	Lab Control Sample	149	143	170	162
MB 480-80869/1-A	Method Blank	130	126	142	144

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(32-132)	(32-132)
LCS 480-81194/2-A	Lab Control Sample	104	93
MB 480-81194/1-A	Method Blank	86	92

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-132)	(32-132)								
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	20 X	21 X								
LB 480-80843/1-D LB	Method Blank	20 X	24 X								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-81278/5
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/19/12 13:31	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/19/12 13:31	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/19/12 13:31	1
Benzene	ND		0.0010	0.00041	mg/L			09/19/12 13:31	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/19/12 13:31	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/19/12 13:31	1
Chloroform	ND		0.0010	0.00034	mg/L			09/19/12 13:31	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/19/12 13:31	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/19/12 13:31	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/19/12 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*09/19/12 13:31*	*1*
Toluene-d8 (Surr)	*84*		*71 - 126*		*09/19/12 13:31*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/19/12 13:31*	*1*

Lab Sample ID: LCS 480-81278/4
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0250	0.0249		mg/L		100	58 - 121
1,2-Dichloroethane	0.0250	0.0246		mg/L		98	75 - 127
Benzene	0.0250	0.0253		mg/L		101	71 - 124
Chlorobenzene	0.0250	0.0234		mg/L		94	72 - 120
Tetrachloroethene	0.0250	0.0234		mg/L		93	74 - 122
Trichloroethene	0.0250	0.0248		mg/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*87*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 14:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 14:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 14:11	10
Benzene	ND		0.010	0.0041	mg/L			09/19/12 14:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 14:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 14:11	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 14:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/19/12 14:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 14:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 14:11	10

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*09/19/12 14:11*	*10*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/19/12 14:11*	*10*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/19/12 14:11*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-81862/5
Matrix: Solid
Analysis Batch: 81862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/23/12 22:26	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/23/12 22:26	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/23/12 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/23/12 22:26	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/23/12 22:26	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/23/12 22:26	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/23/12 22:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/23/12 22:26	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/23/12 22:26	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/23/12 22:26	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/23/12 22:26	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/23/12 22:26	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/23/12 22:26	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/23/12 22:26	1
2-Hexanone	ND		25	2.5	ug/Kg			09/23/12 22:26	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/23/12 22:26	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/23/12 22:26	1
Acetone	ND		25	4.2	ug/Kg			09/23/12 22:26	1
Benzene	ND		5.0	0.25	ug/Kg			09/23/12 22:26	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/23/12 22:26	1
Bromoform	ND		5.0	2.5	ug/Kg			09/23/12 22:26	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/23/12 22:26	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/23/12 22:26	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/23/12 22:26	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/23/12 22:26	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/23/12 22:26	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/23/12 22:26	1
Chloroform	ND		5.0	0.31	ug/Kg			09/23/12 22:26	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/23/12 22:26	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/23/12 22:26	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/23/12 22:26	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/23/12 22:26	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/23/12 22:26	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/23/12 22:26	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/23/12 22:26	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/23/12 22:26	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/23/12 22:26	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/23/12 22:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-81862/5
Matrix: Solid
Analysis Batch: 81862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/23/12 22:26	1
Styrene	ND		5.0	0.25	ug/Kg			09/23/12 22:26	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/23/12 22:26	1
Toluene	ND		5.0	0.38	ug/Kg			09/23/12 22:26	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/23/12 22:26	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/23/12 22:26	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/23/12 22:26	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/23/12 22:26	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/23/12 22:26	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/23/12 22:26	1
Naphthalene	ND		5.0	0.67	ug/Kg			09/23/12 22:26	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/23/12 22:26*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*		*09/23/12 22:26*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*		*09/23/12 22:26*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*		*09/23/12 22:26*	*1*

Lab Sample ID: LCS 480-81862/4
Matrix: Solid
Analysis Batch: 81862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	48.5		ug/Kg		97	73 - 126
1,1-Dichloroethene	50.0	45.3		ug/Kg		91	59 - 125
1,2-Dichlorobenzene	50.0	47.6		ug/Kg		95	75 - 120
1,2-Dichloroethane	50.0	46.7		ug/Kg		93	77 - 122
Benzene	50.0	49.4		ug/Kg		99	79 - 127
Chlorobenzene	50.0	48.5		ug/Kg		97	76 - 124
cis-1,2-Dichloroethene	50.0	49.8		ug/Kg		100	81 - 117
Ethylbenzene	50.0	49.8		ug/Kg		100	80 - 120
Methyl tert-butyl ether	50.0	47.4		ug/Kg		95	63 - 125
Tetrachloroethene	50.0	49.1		ug/Kg		98	74 - 122
Toluene	50.0	48.2		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	48.2		ug/Kg		96	78 - 126
Trichloroethene	50.0	48.8		ug/Kg		98	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*
Toluene-d8 (Surr)	*92*		*71 - 125*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82215/5
Matrix: Solid
Analysis Batch: 82215

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/25/12 23:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/25/12 23:27	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/25/12 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/25/12 23:27	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/25/12 23:27	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/25/12 23:27	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/25/12 23:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/25/12 23:27	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/25/12 23:27	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/25/12 23:27	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/25/12 23:27	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/25/12 23:27	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/25/12 23:27	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/25/12 23:27	1
2-Hexanone	ND		25	2.5	ug/Kg			09/25/12 23:27	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/25/12 23:27	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/25/12 23:27	1
Acetone	ND		25	4.2	ug/Kg			09/25/12 23:27	1
Benzene	ND		5.0	0.25	ug/Kg			09/25/12 23:27	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/25/12 23:27	1
Bromoform	ND		5.0	2.5	ug/Kg			09/25/12 23:27	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/25/12 23:27	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/25/12 23:27	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/25/12 23:27	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/25/12 23:27	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/25/12 23:27	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/25/12 23:27	1
Chloroform	ND		5.0	0.31	ug/Kg			09/25/12 23:27	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/25/12 23:27	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/25/12 23:27	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/25/12 23:27	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/25/12 23:27	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/25/12 23:27	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/25/12 23:27	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/25/12 23:27	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/25/12 23:27	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/25/12 23:27	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/25/12 23:27	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/25/12 23:27	1
Styrene	ND		5.0	0.25	ug/Kg			09/25/12 23:27	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/25/12 23:27	1
Toluene	ND		5.0	0.38	ug/Kg			09/25/12 23:27	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/25/12 23:27	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/25/12 23:27	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/25/12 23:27	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/25/12 23:27	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/25/12 23:27	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/25/12 23:27	1
Naphthalene	ND		5.0	0.67	ug/Kg			09/25/12 23:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82215/5
Matrix: Solid
Analysis Batch: 82215

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg					09/25/12 23:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126		09/25/12 23:27	1
Toluene-d8 (Surr)	95		71 - 125		09/25/12 23:27	1
4-Bromofluorobenzene (Surr)	92		72 - 126		09/25/12 23:27	1

Lab Sample ID: LCS 480-82215/30
Matrix: Solid
Analysis Batch: 82215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.0		ug/Kg		108	73 - 126
1,1-Dichloroethene	25.0	22.8		ug/Kg		91	59 - 125
1,2-Dichlorobenzene	25.0	26.6		ug/Kg		106	75 - 120
1,2-Dichloroethane	25.0	28.1		ug/Kg		112	77 - 122
Benzene	25.0	26.8		ug/Kg		107	79 - 127
Chlorobenzene	25.0	25.6		ug/Kg		103	76 - 124
cis-1,2-Dichloroethene	25.0	26.5		ug/Kg		106	81 - 117
Ethylbenzene	25.0	25.8		ug/Kg		103	80 - 120
Methyl tert-butyl ether	25.0	29.1		ug/Kg		117	63 - 125
Tetrachloroethene	25.0	24.6		ug/Kg		99	74 - 122
Toluene	25.0	25.0		ug/Kg		100	74 - 128
trans-1,2-Dichloroethene	25.0	26.8		ug/Kg		107	78 - 126
Trichloroethene	25.0	25.0		ug/Kg		100	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		64 - 126
Toluene-d8 (Surr)	101		71 - 125
4-Bromofluorobenzene (Surr)	94		72 - 126

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pyridine	ND		0.0063	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		09/19/12 14:39	09/20/12 13:19	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		09/19/12 14:39	09/20/12 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
p-Terphenyl-d14	*105*		*67 - 150*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Phenol-d5	*32*		*16 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*

Lab Sample ID: LCS 480-81329/2-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0678		mg/L		68	32 - 120
2,4-Dinitrotoluene	0.100	0.103		mg/L		103	59 - 125
Hexachloroethane	0.100	0.0655		mg/L		65	25 - 120
Pentachlorophenol	0.100	0.0939		mg/L		94	39 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*57*		*20 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
p-Terphenyl-d14	*113*		*67 - 150*
Phenol-d5	*40*		*16 - 120*

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 14:55	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 14:55	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 14:55	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 14:55	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		52 - 132	09/19/12 14:39	09/20/12 14:55	1
2-Fluorobiphenyl	86		48 - 120	09/19/12 14:39	09/20/12 14:55	1
2-Fluorophenol	47		20 - 120	09/19/12 14:39	09/20/12 14:55	1
Nitrobenzene-d5	83		46 - 120	09/19/12 14:39	09/20/12 14:55	1
p-Terphenyl-d14	107		67 - 150	09/19/12 14:39	09/20/12 14:55	1
Phenol-d5	33		16 - 120	09/19/12 14:39	09/20/12 14:55	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-80867/1-A
Matrix: Solid
Analysis Batch: 80875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	10	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
bis (2-chloroisopropyl) ether	ND		170	18	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4-Dichlorophenol	ND		170	8.8	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4-Dimethylphenol	ND		170	45	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4-Dinitrophenol	ND		330	59	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4-Dinitrotoluene	ND		170	26	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,6-Dinitrotoluene	ND		170	41	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Chloronaphthalene	ND		170	11	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Chlorophenol	ND		170	8.6	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Methylnaphthalene	ND		170	2.0	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2,4,6-Trichlorophenol	ND		170	11	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Methylphenol	ND		170	5.2	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Nitroaniline	ND		330	54	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
2-Nitrophenol	ND		170	7.7	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
3,3'-Dichlorobenzidine	ND		170	150	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
3-Nitroaniline	ND		330	39	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4,6-Dinitro-2-methylphenol	ND		330	58	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Bromophenyl phenyl ether	ND		170	54	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Chloro-3-methylphenol	ND		170	6.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Chloroaniline	ND		170	49	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Chlorophenyl phenyl ether	ND		170	3.6	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Methylphenol	ND		330	9.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Nitroaniline	ND		330	19	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
4-Nitrophenol	ND		330	41	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Acenaphthene	ND		170	2.0	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Acenaphthylene	ND		170	1.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Acetophenone	ND		170	8.6	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Anthracene	ND		170	4.3	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Atrazine	ND		170	7.5	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Benzaldehyde	ND		170	18	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Benzo(a)pyrene	ND		170	4.1	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Benzo(b)fluoranthene	ND		170	3.3	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		09/17/12 09:28	09/17/12 18:34	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80867/1-A
Matrix: Solid
Analysis Batch: 80875

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80867

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		170	1.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Bis(2-chloroethoxy)methane	ND		170	9.2	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Bis(2-chloroethyl)ether	ND		170	15	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Bis(2-ethylhexyl) phthalate	ND		170	54	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Butyl benzyl phthalate	ND		170	45	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Caprolactam	ND		170	73	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Carbazole	ND		170	1.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Chrysene	ND		170	1.7	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Di-n-butyl phthalate	ND		170	58	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Di-n-octyl phthalate	ND		170	3.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Dibenzofuran	ND		170	1.8	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Diethyl phthalate	ND		170	5.1	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Dimethyl phthalate	ND		170	4.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Fluoranthene	ND		170	2.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Fluorene	ND		170	3.9	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Hexachlorobenzene	ND		170	8.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Hexachlorobutadiene	ND		170	8.6	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Hexachlorocyclopentadiene	ND		170	51	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Hexachloroethane	ND		170	13	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Indeno(1,2,3-cd)pyrene	ND		170	4.7	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Isophorone	ND		170	8.4	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
N-Nitrosodi-n-propylamine	ND		170	13	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
N-Nitrosodiphenylamine	ND		170	9.2	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Naphthalene	ND		170	2.8	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Nitrobenzene	ND		170	7.5	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Pentachlorophenol	ND		330	58	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Phenanthrene	ND		170	3.5	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Phenol	ND		170	18	ug/Kg		09/17/12 09:28	09/17/12 18:34	1
Pyrene	ND		170	1.1	ug/Kg		09/17/12 09:28	09/17/12 18:34	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1180*	*T J*	*ug/Kg*		*2.12*		*09/17/12 09:28*	*09/17/12 18:34*	*1*
Ethane, 1,1,2-trichloro-	*1040*	*T J N*	*ug/Kg*		*3.03*	*79-0-5*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
Ethane, 1,1,2,2-tetrachloro-	*508*	*T J N*	*ug/Kg*		*4.80*	*79-34-5*	*09/17/12 09:28*	*09/17/12 18:34*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*113*		*39 - 146*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
2-Fluorobiphenyl	*95*		*37 - 120*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
2-Fluorophenol	*83*		*18 - 120*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
Nitrobenzene-d5	*94*		*34 - 132*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
p-Terphenyl-d14	*125*		*65 - 153*	*09/17/12 09:28*	*09/17/12 18:34*	*1*
Phenol-d5	*96*		*11 - 120*	*09/17/12 09:28*	*09/17/12 18:34*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-80867/2-A
Matrix: Solid
Analysis Batch: 80875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80867

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	3290	3700		ug/Kg		113	55 - 125
2-Chlorophenol	3290	3160		ug/Kg		96	38 - 120
4-Chloro-3-methylphenol	3290	3530		ug/Kg		107	49 - 125
4-Nitrophenol	3290	3490		ug/Kg		106	43 - 137
Acenaphthene	3290	3380		ug/Kg		103	53 - 120
Bis(2-ethylhexyl) phthalate	3290	3390		ug/Kg		103	61 - 133
Fluorene	3290	3400		ug/Kg		103	63 - 126
Hexachloroethane	3290	3020		ug/Kg		92	41 - 120
N-Nitrosodi-n-propylamine	3290	3350		ug/Kg		102	46 - 120
Pentachlorophenol	3290	3490		ug/Kg		106	33 - 136
Phenol	3290	3380		ug/Kg		103	36 - 120
Pyrene	3290	3430		ug/Kg		104	51 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*113*		*39 - 146*
2-Fluorobiphenyl	*99*		*37 - 120*
2-Fluorophenol	*90*		*18 - 120*
Nitrobenzene-d5	*98*		*34 - 132*
p-Terphenyl-d14	*115*		*65 - 153*
Phenol-d5	*99*		*11 - 120*

Lab Sample ID: 480-25168-3 MS
Matrix: Solid
Analysis Batch: 81075

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)
Prep Type: Total/NA
Prep Batch: 80867

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	ND		4070	3410	J	ug/Kg	☼	84	55 - 125
2-Chlorophenol	ND		4070	3440	J	ug/Kg	☼	85	38 - 120
4-Chloro-3-methylphenol	ND		4070	3800	J	ug/Kg	☼	93	49 - 125
4-Nitrophenol	ND		4070	6080	J F	ug/Kg	☼	150	43 - 137
Acenaphthene	170	J	4070	5130	F	ug/Kg	☼	122	53 - 120
Bis(2-ethylhexyl) phthalate	ND		4070	4950		ug/Kg	☼	122	61 - 133
Fluorene	ND		4070	5300	F	ug/Kg	☼	130	63 - 126
Hexachloroethane	ND		4070	3180	J	ug/Kg	☼	78	41 - 120
N-Nitrosodi-n-propylamine	ND		4070	3720	J	ug/Kg	☼	92	46 - 120
Pentachlorophenol	ND		4070	5960	J F	ug/Kg	☼	146	33 - 136
Phenol	ND		4070	3810	J	ug/Kg	☼	94	36 - 120
Pyrene	2700	J	4070	31700	F	ug/Kg	☼	712	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*83*		*39 - 146*
2-Fluorobiphenyl	*99*		*37 - 120*
2-Fluorophenol	*80*		*18 - 120*
Nitrobenzene-d5	*84*		*34 - 132*
p-Terphenyl-d14	*118*		*65 - 153*
Phenol-d5	*92*		*11 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25168-3 MSD
Matrix: Solid
Analysis Batch: 81075

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)
Prep Type: Total/NA
Prep Batch: 80867

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		4020	3570	J	ug/Kg	☼	89	55 - 125	5	20
2-Chlorophenol	ND		4020	3210	J	ug/Kg	☼	80	38 - 120	7	25
4-Chloro-3-methylphenol	ND		4020	3670	J	ug/Kg	☼	91	49 - 125	3	27
4-Nitrophenol	ND		4020	6020	J F	ug/Kg	☼	150	43 - 137	1	25
Acenaphthene	170	J	4020	4590		ug/Kg	☼	110	53 - 120	11	35
Bis(2-ethylhexyl) phthalate	ND		4020	4580		ug/Kg	☼	114	61 - 133	8	15
Fluorene	ND		4020	4830		ug/Kg	☼	120	63 - 126	9	15
Hexachloroethane	ND		4020	2990	J	ug/Kg	☼	74	41 - 120	6	46
N-Nitrosodi-n-propylamine	ND		4020	3590	J	ug/Kg	☼	89	46 - 120	4	31
Pentachlorophenol	ND		4020	5560	J F	ug/Kg	☼	138	33 - 136	7	35
Phenol	ND		4020	3630	J	ug/Kg	☼	90	36 - 120	5	35
Pyrene	2700	J	4020	17100	F	ug/Kg	☼	359	51 - 133	60	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*79*		*39 - 146*
2-Fluorobiphenyl	*93*		*37 - 120*
2-Fluorophenol	*75*		*18 - 120*
Nitrobenzene-d5	*85*		*34 - 132*
p-Terphenyl-d14	*108*		*65 - 153*
Phenol-d5	*86*		*11 - 120*

Method: 8081A - TCLP Pesticides

Lab Sample ID: LB 480-81196/5-A LB
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 04:59	09/20/12 08:49	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 04:59	09/20/12 08:49	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 04:59	09/20/12 08:49	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 04:59	09/20/12 08:49	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*16 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*
Tetrachloro-m-xylene	*74*		*35 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		09/19/12 04:56	09/20/12 08:02	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		09/19/12 04:56	09/20/12 08:02	1
Endrin	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1
Heptachlor	ND		0.000050	0.0000021	mg/L		09/19/12 04:56	09/20/12 08:02	1

Method: 8081A - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		09/19/12 04:56	09/20/12 08:02	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1
Toxaphene	ND		0.00050	0.000030	mg/L		09/19/12 04:56	09/20/12 08:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*16 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*
Tetrachloro-m-xylene	*71*		*35 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*

Lab Sample ID: LCS 480-81196/2-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000429		mg/L		86	57 - 128
Endrin	0.000500	0.000499		mg/L		100	57 - 130
Heptachlor	0.000500	0.000402		mg/L		80	46 - 121
Heptachlor epoxide	0.000500	0.000452		mg/L		90	53 - 120
Methoxychlor	0.000500	0.000522		mg/L		104	48 - 165

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*16 - 120*
Tetrachloro-m-xylene	*80*		*35 - 120*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-80869/1-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	41	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1221	ND		210	41	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1232	ND		210	41	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1242	ND		210	41	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1248	ND		210	41	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1254	ND		210	98	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1260	ND		210	98	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1262	ND		210	98	ug/Kg		09/17/12 09:44	09/19/12 07:30	1
PCB-1268	ND		210	98	ug/Kg		09/17/12 09:44	09/19/12 07:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*36 - 182*	*09/17/12 09:44*	*09/19/12 07:30*	*1*
Tetrachloro-m-xylene	*142*		*24 - 172*	*09/17/12 09:44*	*09/19/12 07:30*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-80869/2-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80869

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2220	3000		ug/Kg		135	51 - 185		
PCB-1260			2220	2630		ug/Kg		118	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*149*		*36 - 182*
Tetrachloro-m-xylene	*170*		*24 - 172*

Lab Sample ID: 480-25168-1 MS
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Prep Type: Total/NA
Prep Batch: 80869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		2250	2180		ug/Kg	☼	97	42 - 159		
PCB-1260	ND		2250	2170		ug/Kg	☼	96	47 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*144*		*36 - 182*
Tetrachloro-m-xylene	*123*		*24 - 172*

Lab Sample ID: 480-25168-1 MSD
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Prep Type: Total/NA
Prep Batch: 80869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2350	2020		ug/Kg	☼	86	42 - 159	8	50
PCB-1260	ND		2350	1880		ug/Kg	☼	80	47 - 153	14	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*121*		*36 - 182*
Tetrachloro-m-xylene	*101*		*24 - 172*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-81194/1-A
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		09/19/12 04:40	09/24/12 14:34	1
2,4-D	ND		0.00050	0.00010	mg/L		09/19/12 04:40	09/24/12 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*86*		*32 - 132*	*09/19/12 04:40*	*09/24/12 14:34*	*1*

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-81194/2-A
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81194

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00206		mg/L		103	44 - 147
2,4-D	0.00200	0.00214		mg/L		107	45 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*104*		*32 - 132*

Lab Sample ID: LB 480-80843/1-D LB
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81194

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 16:33	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 16:33	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*20*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 16:33*	*1*

Method: 1110A - Corrosivity Toward Steel

Lab Sample ID: MB 560-78446/1
Matrix: Solid
Analysis Batch: 78446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	ND		0.10	0.10	mm/year			09/24/12 09:45	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-81041/1-A
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		11	4.6	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Antimony	ND		16	0.57	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Arsenic	ND		2.1	0.42	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Barium	ND		0.53	0.12	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Beryllium	ND		0.21	0.030	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Cadmium	ND		0.21	0.032	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Calcium	5.97	J	53	3.5	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Chromium	ND		0.53	0.21	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Cobalt	ND		0.53	0.053	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Copper	ND		1.1	0.22	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Iron	ND		11	1.2	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Lead	ND		1.1	0.25	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Magnesium	ND		21	0.98	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Manganese	0.615		0.21	0.034	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Nickel	ND		5.3	0.24	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Potassium	ND		32	21	mg/Kg		09/18/12 08:20	09/18/12 14:35	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-81041/1-A
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		4.2	0.60	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Silver	ND		0.53	0.21	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Sodium	ND		150	14	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Thallium	ND		6.3	0.32	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Vanadium	ND		0.53	0.12	mg/Kg		09/18/12 08:20	09/18/12 14:35	1
Zinc	0.495	J	2.1	0.16	mg/Kg		09/18/12 08:20	09/18/12 14:35	1

Lab Sample ID: LCSSRM 480-81041/2-A
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81041

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8380	7240		mg/Kg		86.4	40.6 - 159.5
Antimony	93.1	73.8		mg/Kg		79.3	24.8 - 272.2
Arsenic	94.3	93.2		mg/Kg		98.8	69.2 - 131.2
Barium	167	161		mg/Kg		96.5	72.5 - 126.9
Beryllium	57.5	58.0		mg/Kg		100.9	73.3 - 126.7
Cadmium	60.4	57.5		mg/Kg		95.3	73.2 - 126.8
Calcium	6130	5890		mg/Kg		96.2	73.9 - 126.4
Chromium	70.3	67.0		mg/Kg		95.3	68.5 - 131.5
Cobalt	102	105		mg/Kg		103.0	74.5 - 125.5
Copper	79.4	78.4		mg/Kg		98.7	73.6 - 125.6
Iron	12500	10600		mg/Kg		85.2	31.0 - 168.8
Lead	91.6	92.3		mg/Kg		100.8	70.3 - 129.6
Magnesium	2570	2320		mg/Kg		90.0	63.6 - 136.0
Manganese	282	275		mg/Kg		97.2	73.9 - 125.4
Nickel	57.5	57.7		mg/Kg		100.4	70.0 - 130.2
Potassium	2490	2320		mg/Kg		93.4	60.6 - 139.0
Selenium	86.2	85.9		mg/Kg		99.6	64.0 - 136.6
Silver	34.3	34.3		mg/Kg		99.8	65.7 - 134.6
Sodium	215	197		mg/Kg		91.7	26.7 - 174.0
Thallium	120	124		mg/Kg		103.2	67.3 - 131.7
Vanadium	56.9	54.2		mg/Kg		95.3	53.7 - 146.1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-81041/2-A
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81041

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	140	134		mg/Kg		95.7	67.4 - 132.9

Lab Sample ID: 480-25168-1 MS
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Prep Type: Total/NA
Prep Batch: 81041

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	5500		2330	9050	F	mg/Kg	☼	151	75 - 125
Antimony	27		46.5	111	F	mg/Kg	☼	180	75 - 125
Arsenic	17		46.5	66.7		mg/Kg	☼	107	75 - 125
Barium	570		46.5	784	4	mg/Kg	☼	452	75 - 125
Beryllium	1.0		46.5	47.4		mg/Kg	☼	100	75 - 125
Cadmium	9.4		46.5	63.2		mg/Kg	☼	116	75 - 125
Calcium	76000	B	2330	44200	4	mg/Kg	☼	-1377	75 - 125
Chromium	31		46.5	89.4		mg/Kg	☼	125	75 - 125
Cobalt	13		46.5	62.2		mg/Kg	☼	105	75 - 125
Copper	460		46.5	573	4	mg/Kg	☼	239	75 - 125
Iron	22000		2330	34800	4	mg/Kg	☼	557	75 - 125
Lead	1600		46.5	2620	4	mg/Kg	☼	2090	75 - 125
Magnesium	4400		2330	4650	F	mg/Kg	☼	13	75 - 125
Manganese	360	B7	46.5	354	4	mg/Kg	☼	-6	75 - 125
Nickel	330		46.5	681	4	mg/Kg	☼	745	75 - 125
Potassium	960		2330	3160		mg/Kg	☼	94	75 - 125
Selenium	1.1	J	46.5	44.3		mg/Kg	☼	93	75 - 125
Silver	0.85		11.6	13.5		mg/Kg	☼	109	75 - 125
Sodium	490		2330	2540		mg/Kg	☼	88	75 - 125
Thallium	ND		46.5	43.1		mg/Kg	☼	93	75 - 125
Vanadium	21		46.5	73.8		mg/Kg	☼	114	75 - 125
Zinc	1600	B	46.5	1860	4	mg/Kg	☼	522	75 - 125

Lab Sample ID: 480-25168-1 MSD
Matrix: Solid
Analysis Batch: 81213

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Prep Type: Total/NA
Prep Batch: 81041

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	5500		2290	9340	F	mg/Kg	☼	166	75 - 125	3	20
Antimony	27		45.8	98.5	F	mg/Kg	☼	155	75 - 125	12	20
Arsenic	17		45.8	72.9		mg/Kg	☼	123	75 - 125	9	20
Barium	570		45.8	941	4	mg/Kg	☼	801	75 - 125	18	20
Beryllium	1.0		45.8	47.6		mg/Kg	☼	102	75 - 125	0	20
Cadmium	9.4		45.8	62.0		mg/Kg	☼	115	75 - 125	2	20
Calcium	76000	B	2290	42500	4	mg/Kg	☼	-1476	75 - 125	4	20
Chromium	31		45.8	91.8	F	mg/Kg	☼	132	75 - 125	3	20
Cobalt	13		45.8	65.1		mg/Kg	☼	113	75 - 125	4	20
Copper	460		45.8	631	4	mg/Kg	☼	370	75 - 125	10	20
Iron	22000		2290	39800	4	mg/Kg	☼	785	75 - 125	13	20
Lead	1600		45.8	2300	4	mg/Kg	☼	1414	75 - 125	13	20
Magnesium	4400		2290	4510	F	mg/Kg	☼	6	75 - 125	3	20
Manganese	360	B7	45.8	385	4	mg/Kg	☼	61	75 - 125	8	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25168-1 MSD — **Client Sample ID: NS-SB/MW-3-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81213 — **Prep Batch: 81041**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	330		45.8	509	4 F	mg/Kg	☼	379	75 - 125	29	20
Potassium	960		2290	3430		mg/Kg	☼	108	75 - 125	8	20
Selenium	1.1	J	45.8	44.8		mg/Kg	☼	95	75 - 125	1	20
Silver	0.85		11.4	13.0		mg/Kg	☼	106	75 - 125	4	20
Sodium	490		2290	2620		mg/Kg	☼	93	75 - 125	3	20
Thallium	ND		45.8	45.3		mg/Kg	☼	99	75 - 125	5	20
Vanadium	21		45.8	75.4		mg/Kg	☼	119	75 - 125	2	20
Zinc	1600	B	45.8	1720	4	mg/Kg	☼	212	75 - 125	8	20

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-81089/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:13	1
Barium	0.000710	J	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:13	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:13	1
Chromium	ND		0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:13	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:13	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:13	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:13	1

Lab Sample ID: LCS 480-81089/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.13		mg/L		113	80 - 120
Barium	1.00	0.962		mg/L		96	80 - 120
Cadmium	1.00	1.08		mg/L		108	80 - 120
Chromium	1.00	0.929		mg/L		93	80 - 120
Lead	1.00	1.09		mg/L		109	80 - 120
Selenium	1.00	1.08		mg/L		108	80 - 120
Silver	1.00	0.966		mg/L		97	80 - 120

Lab Sample ID: LB 480-80843/1-B LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:10	1
Barium	0.0328		0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:10	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:10	1
Chromium	0.00211	J	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:10	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:10	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:10	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:10	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-81093/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81119 — **Prep Batch: 81093**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:35	1

Lab Sample ID: LCS 480-81093/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81119 — **Prep Batch: 81093**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00668	0.00647		mg/L		97	80 - 120		

Lab Sample ID: LB 480-80843/1-C LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 81119 — **Prep Batch: 81093**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:33	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-81044/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81109 — **Prep Batch: 81044**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0075	mg/Kg		09/18/12 08:35	09/18/12 12:32	1

Lab Sample ID: LCSSRM 480-81044/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81109 — **Prep Batch: 81044**

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			3.77	3.18		mg/Kg		84.3	71.6 - 128.4		

Lab Sample ID: 480-25168-1 MS — **Client Sample ID: NS-SB/MW-3-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81109 — **Prep Batch: 81044**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	1.1		0.338	1.27	F	mg/Kg	☼	56	75 - 125		

Lab Sample ID: 480-25168-1 MSD — **Client Sample ID: NS-SB/MW-3-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81109 — **Prep Batch: 81044**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	1.1		0.349	1.63	F	mg/Kg	☼	157	75 - 125	25	20

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-81184/1
Matrix: Solid
Analysis Batch: 81184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.00		Degrees F		100	97.5 - 102.5

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-81188/1-A
Matrix: Solid
Analysis Batch: 81390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1

Lab Sample ID: LCS 480-81188/2-A
Matrix: Solid
Analysis Batch: 81390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81188

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	345		mg/Kg		35	10 - 100

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-81565/1-A
Matrix: Solid
Analysis Batch: 81745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81565

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		2.4	1.2	mg/Kg		09/20/12 15:30	09/21/12 15:13	1

Lab Sample ID: LCS 480-81565/2-A
Matrix: Solid
Analysis Batch: 81745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81565

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	25.6	23.6		mg/Kg		92	29 - 122

Lab Sample ID: 480-25168-1 DU
Matrix: Solid
Analysis Batch: 81745

Client Sample ID: NS-SB/MW-3-SO-(1-3)
Prep Type: Total/NA
Prep Batch: 81565

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	1.3		0.900	J	mg/Kg	☼	33	15

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 490-21547/3-A
Matrix: Solid
Analysis Batch: 22517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 21547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	ND		10	7.0	mg/Kg		09/20/12 06:00	09/20/12 07:01	1

Method: 9023 - Organic Halides, Extractable (EOX) (Continued)

Lab Sample ID: LCS 490-21547/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 490-21547/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 480-25168-4 MS — **Client Sample ID: NS-SB/MW-4-SO-(10-11.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	ND		1200	681	F	mg/Kg	☼	57	70 - 130

Lab Sample ID: 480-25168-4 MSD — **Client Sample ID: NS-SB/MW-4-SO-(10-11.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	ND		1200	867	F	mg/Kg	☼	73	70 - 130	24	20

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-81191/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Lab Sample ID: LCS 480-81191/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	631		mg/Kg		63	10 - 100

Method: 9045C - pH

Lab Sample ID: LCS 480-81017/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.040		SU		101	99 - 101

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Method: 9045C - pH (Continued)

Lab Sample ID: 480-25168-4 DU
Matrix: Solid
Analysis Batch: 81017

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.11			8.150		SU				0.5	5

GC/MS VOA

Leach Batch: 80886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	1311	
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 81278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	8260B	80886
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	8260B	80886
LCS 480-81278/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-81278/5	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 81495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	5035	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	5035	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	5035	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	5035	

Analysis Batch: 81862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	8260B	81495
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	8260B	81495
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	8260B	81495
LCS 480-81862/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-81862/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 82215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	8260B	81495
LCS 480-82215/30	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-82215/5	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	1311	
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 80867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3550B	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	3550B	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25168-3 MS	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25168-3 MSD	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	3550B	
LCS 480-80867/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80867/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 80875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-80867/2-A	Lab Control Sample	Total/NA	Solid	8270C	80867

GC/MS Semi VOA (Continued)

Analysis Batch: 80875 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-80867/1-A	Method Blank	Total/NA	Solid	8270C	80867

Analysis Batch: 81075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	8270C	80867
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	8270C	80867
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	8270C	80867
480-25168-3 MS	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	8270C	80867
480-25168-3 MSD	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	8270C	80867

Prep Batch: 81329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	3510C	80843
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	3510C	80843
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81329/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	8270C	80867

Analysis Batch: 81475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	8270C	81329
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	8270C	81329
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	8270C	81329
MB 480-81329/1-A	Method Blank	Total/NA	Solid	8270C	81329

GC Semi VOA

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	1311	
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 80869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3550B	
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3550B	
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3550B	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	3550B	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	3550B	
LCS 480-80869/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80869/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 81193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	8082	80869
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	8082	80869
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	8082	80869
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	8082	80869

GC Semi VOA (Continued)

Analysis Batch: 81193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	8082	80869
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	8082	80869
LCS 480-80869/2-A	Lab Control Sample	Total/NA	Solid	8082	80869
MB 480-80869/1-A	Method Blank	Total/NA	Solid	8082	80869

Prep Batch: 81194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	8151A	80843
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151A	80843
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 81196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	3510C	80843
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	3510C	
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81196/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	8081A	81196
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	8081A	81196
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	8081A	81196
MB 480-81196/1-A	Method Blank	Total/NA	Solid	8081A	81196

Analysis Batch: 81929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	8151	81194
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151	81194
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151	81194
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151	81194

Metals

Analysis Batch: 78446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	1110A	
MB 560-78446/1	Method Blank	Total/NA	Solid	1110A	

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	1311	
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	1311	
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 81041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3050B	
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3050B	
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	3050B	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 81041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	3050B	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	3050B	
LCSSRM 480-81041/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-81041/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 81044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	7471A	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	7471A	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	7471A	
LCSSRM 480-81044/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-81044/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 81089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	3010A	80843
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	3010A	80843
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-81089/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 81093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	7470A	80843
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	80843
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 81109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	81044
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	81044
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	7471A	81044
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	7471A	81044
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	7471A	81044
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	7471A	81044
LCSSRM 480-81044/2-A	Lab Control Sample	Total/NA	Solid	7471A	81044
MB 480-81044/1-A	Method Blank	Total/NA	Solid	7471A	81044

Analysis Batch: 81119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	7470A	81093
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	81093
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	81093
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	81093

Analysis Batch: 81213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	6010B	81041
480-25168-1 MS	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	6010B	81041

Metals (Continued)

Analysis Batch: 81213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1 MSD	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	6010B	81041
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	6010B	81041
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	6010B	81041
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	6010B	81041
LCSSRM 480-81041/2-A	Lab Control Sample	Total/NA	Solid	6010B	81041
MB 480-81041/1-A	Method Blank	Total/NA	Solid	6010B	81041

Analysis Batch: 81221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	TCLP	Solid	6010B	81089
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	6010B	81089
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	6010B	81089
MB 480-81089/2-A	Method Blank	Total/NA	Solid	6010B	81089

General Chemistry

Prep Batch: 21547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	
480-25168-4 MS	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	
480-25168-4 MSD	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	

Analysis Batch: 22517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	21547
480-25168-4 MS	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	21547
480-25168-4 MSD	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9023	21547
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	21547
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	21547
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	21547

Analysis Batch: 80990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	Moisture	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	Moisture	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	Moisture	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	Moisture	

Analysis Batch: 81017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9045C	
480-25168-4 DU	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9045C	
LCS 480-81017/1	Lab Control Sample	Total/NA	Solid	9045C	

Analysis Batch: 81184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	1010	
LCS 480-81184/1	Lab Control Sample	Total/NA	Solid	1010	

General Chemistry (Continued)

Prep Batch: 81188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	7.3.3	
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-81188/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 81191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	7.3.4	
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-81191/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 81390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9012	81188
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	9012	81188
MB 480-81188/1-A	Method Blank	Total/NA	Solid	9012	81188

Analysis Batch: 81407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9034	81191
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	9034	81191
MB 480-81191/1-A	Method Blank	Total/NA	Solid	9034	81191

Prep Batch: 81565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	9012A	
480-25168-1 DU	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	9012A	
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	9012A	
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	9012A	
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9012A	
LCS 480-81565/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-81565/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 81745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25168-1	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	9012A	81565
480-25168-1 DU	NS-SB/MW-3-SO-(1-3)	Total/NA	Solid	9012A	81565
480-25168-2	NS-SB/MW-3-SO-(10-11)	Total/NA	Solid	9012A	81565
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Total/NA	Solid	9012A	81565
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Total/NA	Solid	9012A	81565
LCS 480-81565/2-A	Lab Control Sample	Total/NA	Solid	9012A	81565
MB 480-81565/1-A	Method Blank	Total/NA	Solid	9012A	81565

Client Sample ID: NS-SB/MW-3-SO-(1-3)

Lab Sample ID: 480-25168-1

Date Collected: 09/13/12 09:40

Matrix: Solid

Date Received: 09/15/12 09:00

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	81495	09/20/12 13:00	JMB	TAL BUF
Total/NA	Analysis	8260B		1			81862	09/24/12 06:23	JMB	TAL BUF
Total/NA	Prep	3550B			+30.86 g	3 mL	80867	09/17/12 09:28	CM	TAL BUF
Total/NA	Analysis	8270C		50			81075	09/18/12 21:17	HTL	TAL BUF
Total/NA	Prep	3550B			+2.57 g	10 mL	80869	09/17/12 12:38	CM	TAL BUF
Total/NA	Analysis	8082		1			81193	09/19/12 11:28	JM	TAL BUF
Total/NA	Prep	7471A			+0.6212 g	50 mL	81044	09/18/12 08:35	JRK	TAL BUF
Total/NA	Analysis	7471A		5			81109	09/18/12 12:33	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5408 g	50 mL	81041	09/18/12 08:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			81213	09/18/12 14:50	LH	TAL BUF
Total/NA	Analysis	Moisture		1			80990	09/17/12 17:25	ZR	TAL BUF
Total/NA	Prep	9012A			0.5312 g	50 mL	81565	09/20/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			81745	09/21/12 15:14	EGN	TAL BUF

Client Sample ID: NS-SB/MW-3-SO-(10-11)

Lab Sample ID: 480-25168-2

Date Collected: 09/13/12 09:45

Matrix: Solid

Date Received: 09/15/12 09:00

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.86 g	5 mL	81495	09/20/12 13:00	JMB	TAL BUF
Total/NA	Analysis	8260B		1			81862	09/24/12 06:48	JMB	TAL BUF
Total/NA	Prep	3550B			+30.26 g	1 mL	80867	09/17/12 09:28	CM	TAL BUF
Total/NA	Analysis	8270C		20			81075	09/18/12 21:41	HTL	TAL BUF
Total/NA	Prep	3550B			+2.26 g	10 mL	80869	09/17/12 12:38	CM	TAL BUF
Total/NA	Analysis	8082		1			81193	09/19/12 12:13	JM	TAL BUF
Total/NA	Prep	7471A			+0.5954 g	50 mL	81044	09/18/12 08:35	JRK	TAL BUF
Total/NA	Analysis	7471A		1			81109	09/18/12 12:07	JRK	TAL BUF
Total/NA	Prep	3050B			+0.5437 g	50 mL	81041	09/18/12 08:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			81213	09/18/12 15:01	LH	TAL BUF
Total/NA	Analysis	Moisture		1			80990	09/17/12 17:25	ZR	TAL BUF
Total/NA	Prep	9012A			0.5199 g	50 mL	81565	09/20/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			81745	09/21/12 15:16	EGN	TAL BUF

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)

Lab Sample ID: 480-25168-3

Date Collected: 09/13/12 13:55

Matrix: Solid

Date Received: 09/15/12 09:00

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.36 g	5 mL	81495	09/20/12 13:00	JMB	TAL BUF
Total/NA	Analysis	8260B		1			81862	09/24/12 07:14	JMB	TAL BUF
Total/NA	Prep	3550B			+30.26 g	1 mL	80867	09/17/12 09:28	CM	TAL BUF
Total/NA	Analysis	8270C		20			81075	09/18/12 20:53	HTL	TAL BUF
Total/NA	Prep	3550B			+2.64 g	10 mL	80869	09/17/12 12:38	CM	TAL BUF
Total/NA	Analysis	8082		1			81193	09/19/12 12:27	JM	TAL BUF

Client Sample ID: NS-SB/MW-4-SO-(0.5-2.5)

Lab Sample ID: 480-25168-3

Date Collected: 09/13/12 13:55
Matrix: Solid
Date Received: 09/15/12 09:00
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.6033 g	50 mL	81044	09/18/12 08:35	JRK	TAL BUF
Total/NA	Analysis	7471A		1			81109	09/18/12 12:09	JRK	TAL BUF
Total/NA	Prep	3050B			0.4725 g	50 mL	81041	09/18/12 08:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			81213	09/18/12 15:04	LH	TAL BUF
Total/NA	Analysis	Moisture		1			80990	09/17/12 17:25	ZR	TAL BUF
Total/NA	Prep	9012A			0.5281 g	50 mL	81565	09/20/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			81745	09/21/12 15:17	EGN	TAL BUF

Client Sample ID: NS-SB/MW-4-SO-(10-11.5)

Lab Sample ID: 480-25168-4

Date Collected: 09/13/12 14:00
Matrix: Solid
Date Received: 09/15/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			25.01 g	500 mL	80886	09/17/12 10:27	TR	TAL BUF
TCLP	Analysis	8260B		10	5 mL	5 mL	81278	09/19/12 16:17	LH	TAL BUF
Total/NA	Prep	5035			5.15 g	5 mL	81495	09/20/12 13:00	JMB	TAL BUF
Total/NA	Analysis	8260B		1			82215	09/26/12 07:30	JMB	TAL BUF
Total/NA	Prep	3550B			+30.07 g	1 mL	80867	09/17/12 09:28	CM	TAL BUF
Total/NA	Analysis	8270C		20			81363	09/19/12 19:33	AM	TAL BUF
TCLP	Leach	1311			100.30 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			250 mL	1 mL	81329	09/19/12 14:39	KB	TAL BUF
TCLP	Analysis	8270C		1			81475	09/20/12 18:08	HTL	TAL BUF
Total/NA	Prep	3550B			+2.43 g	10 mL	80869	09/17/12 12:38	CM	TAL BUF
Total/NA	Analysis	8082		1			81193	09/19/12 12:42	JM	TAL BUF
TCLP	Leach	1311			100.30 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			250 mL	10 mL	81196	09/19/12 06:56	TR	TAL BUF
TCLP	Analysis	8081A		1			81416	09/20/12 17:23	LW	TAL BUF
TCLP	Prep	8151A			250 mL	10 mL	81194	09/19/12 04:40	TR	TAL BUF
TCLP	Analysis	8151		1			81929	09/24/12 18:02	MN	TAL BUF
Total/NA	Prep	7471A			0.5978 g	50 mL	81044	09/18/12 08:35	JRK	TAL BUF
Total/NA	Analysis	7471A		1			81109	09/18/12 12:11	JRK	TAL BUF
TCLP	Leach	1311			100.30 g	2000 mL	80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	7470A			30 mL	50 mL	81093	09/18/12 11:45	JRK	TAL BUF
TCLP	Analysis	7470A		1			81119	09/18/12 15:02	JRK	TAL BUF
Total/NA	Prep	3050B			0.5034 g	50 mL	81041	09/18/12 08:20	SS	TAL BUF
Total/NA	Analysis	6010B		1			81213	09/18/12 15:06	LH	TAL BUF
TCLP	Prep	3010A			50 mL	50 mL	81089	09/18/12 11:10	SS	TAL BUF
TCLP	Analysis	6010B		1			81221	09/18/12 20:54	AH	TAL BUF
Total/NA	Analysis	1110A		1	1.0 g	1.0 g	78446	09/24/12 09:45	HMZ	TAL CC
Total/NA	Analysis	Moisture		1			80990	09/17/12 17:25	ZR	TAL BUF
Total/NA	Analysis	9045C		1	1.0 mL	1.0 mL	81017	09/17/12 20:53	KS	TAL BUF
Total/NA	Analysis	1010		1			81184	09/18/12 14:00	JB	TAL BUF
Total/NA	Prep	7.3.3			5 mL	5 mL	81188	09/19/12 04:15	BM	TAL BUF
Total/NA	Analysis	9012		1			81390	09/19/12 21:42	LAW	TAL BUF
Total/NA	Prep	7.3.4			100 mL	100 mL	81191	09/19/12 04:22	BM	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Client Sample ID: NS-SB/MW-4-SO-(10-11.5) — **Lab Sample ID: 480-25168-4**

Date Collected: 09/13/12 14:00 — **Matrix: Solid**

Date Received: 09/15/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9034		1			81407	09/19/12 23:25	LAW	TAL BUF
Total/NA	Prep	9012A			0.5072 g	50 mL	81565	09/20/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1			81745	09/21/12 15:18	EGN	TAL BUF
Total/NA	Prep	9023			1 g	1 mL	21547	09/20/12 06:00	SS	TAL NSH
Total/NA	Analysis	9023		1			22517	09/20/12 07:01	SS	TAL NSH

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-30-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-12

Laboratory: TestAmerica Corpus Christi

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Kansas	NELAC	7	E-10362	10-31-12
Oklahoma	State Program	6	9968	08-31-13
Texas	NELAC	6	T104704210-12-8	03-31-13
USDA	Federal		P330-11-00060	02-03-14

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	09-30-13
New Hampshire	NELAC	1	2963	10-09-12
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8260B	TCLP Volatiles	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	TCLP Semivolatiles	SW846	TAL BUF
8081A	TCLP Pesticides	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151	TCLP Herbicides	SW846	TAL BUF
1110A	Corrosivity Toward Steel	SW846	TAL CC
6010B	Metals (ICP)	SW846	TAL BUF
6010B	TCLP RCRA Metals	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
9023	Organic Halides, Extractable (EOX)	SW846	TAL NSH
9034	Sulfide, Reactive	SW846	TAL BUF
9045C	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25168-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25168-1	NS-SB/MW-3-SO-(1-3)	Solid	09/13/12 09:40	09/15/12 09:00
480-25168-2	NS-SB/MW-3-SO-(10-11)	Solid	09/13/12 09:45	09/15/12 09:00
480-25168-3	NS-SB/MW-4-SO-(0.5-2.5)	Solid	09/13/12 13:55	09/15/12 09:00
480-25168-4	NS-SB/MW-4-SO-(10-11.5)	Solid	09/13/12 14:00	09/15/12 09:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/14/12	Chain of Custody Number: 231743
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number	Page _____ of _____
City: New York / State: NY / Zip Code: 10081	Site Contact	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State): Ney Smelting	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	TCL VOC+10	TCL SVOC+20	TCLP	Special Instructions/ Conditions of Receipt
SB/MW-3 (1-3)	9/13/12	940				X	X						X	X	X	Category B Lab deliverables and EQuIS EDD
SB/MW-3 (10-11)	↓	945				↓	↓						↓	↓	↓	
SB/MW-4 (0.5-2.5)		1355														
SB/MW-4 (10-11.5)		1400													X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☒ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		9/14/12	14:14		9/14/12	14:18
2.		9/14/12	14:37		9/15/12	09:17
3.		Date	Time		Date	Time

Comments

3.1 B2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25168-1

Login Number: 25168

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25168-1

Login Number: 25168
List Number: 1
Creator: Magee, Alice J.

List Source: TestAmerica Corpus Christi
List Creation: 09/18/12 07:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25168-1

Login Number: 25168
List Number: 1
Creator: Ford, Easton

List Source: TestAmerica Nashville
List Creation: 09/18/12 02:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25085-2
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Authorized for release by:
10/4/2012 1:44:32 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25085-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25085-2

Comments
No additional comments.

Receipt
The samples were received on 9/13/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 3.0º C.

Except:

The COC appears to incorrectly assign TCLP parameters on sample point SB/MW-6 (0.5-2.5). Based on volume received SB/MW-7 (1-3) should have the TCLP parameters assigned to it.

Metals
Method(s) 6010B: The TCLP Extractor Blank LB 480-83107 for preparation batch 480-83357 contained barium above the reporting limit (RL). The associated sample NS-SB/MW-7-SO-(8-10) (480-25085-8) contained a detect for this analyte at a concentration greater than 10X the value found in the TCLP Extractor Blank; therefore, re-extraction and/or re-analysis of the sample was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Client Sample ID: NS-SB/MW-7-SO-(8-10) **Lab Sample ID: 480-25085-8**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.014		0.010	0.0056	mg/L	1		6010B	TCLP
Barium	0.95	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.0030		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.0025	J	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	2.3		0.0050	0.0030	mg/L	1		6010B	TCLP

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.014**		0.010	0.0056	mg/L		10/02/12 12:30	10/02/12 21:02	1
Barium	**0.95**	**B**	0.0020	0.00070	mg/L		10/02/12 12:30	10/02/12 21:02	1
Cadmium	**0.0030**		0.0010	0.00050	mg/L		10/02/12 12:30	10/02/12 21:02	1
Chromium	**0.0025**	**J**	0.0040	0.0010	mg/L		10/02/12 12:30	10/02/12 21:02	1
Lead	**2.3**		0.0050	0.0030	mg/L		10/02/12 12:30	10/02/12 21:02	1
Selenium	ND		0.015	0.0087	mg/L		10/02/12 12:30	10/02/12 21:02	1
Silver	ND		0.0030	0.0017	mg/L		10/02/12 12:30	10/02/12 21:02	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-83357/2-A
Matrix: Solid
Analysis Batch: 83517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		10/02/12 12:30	10/02/12 20:57	1
Barium	ND		0.0020	0.00070	mg/L		10/02/12 12:30	10/02/12 20:57	1
Cadmium	ND		0.0010	0.00050	mg/L		10/02/12 12:30	10/02/12 20:57	1
Chromium	ND		0.0040	0.0010	mg/L		10/02/12 12:30	10/02/12 20:57	1
Lead	ND		0.0050	0.0030	mg/L		10/02/12 12:30	10/02/12 20:57	1
Selenium	ND		0.015	0.0087	mg/L		10/02/12 12:30	10/02/12 20:57	1
Silver	ND		0.0030	0.0017	mg/L		10/02/12 12:30	10/02/12 20:57	1

Lab Sample ID: LCS 480-83357/3-A
Matrix: Solid
Analysis Batch: 83517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	0.991		mg/L		99	80 - 120
Lead	1.00	1.06		mg/L		106	80 - 120
Selenium	1.00	1.05		mg/L		105	80 - 120
Silver	1.00	1.03		mg/L		103	80 - 120

Lab Sample ID: LB 480-83107/1-B LB
Matrix: Solid
Analysis Batch: 83517

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 83357

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		10/02/12 12:30	10/02/12 20:54	1
Barium	0.0326		0.0020	0.00070	mg/L		10/02/12 12:30	10/02/12 20:54	1
Cadmium	ND		0.0010	0.00050	mg/L		10/02/12 12:30	10/02/12 20:54	1
Chromium	ND		0.0040	0.0010	mg/L		10/02/12 12:30	10/02/12 20:54	1
Lead	ND		0.0050	0.0030	mg/L		10/02/12 12:30	10/02/12 20:54	1
Selenium	ND		0.015	0.0087	mg/L		10/02/12 12:30	10/02/12 20:54	1
Silver	ND		0.0030	0.0017	mg/L		10/02/12 12:30	10/02/12 20:54	1

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Metals

Leach Batch: 83107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-8	NS-SB/MW-7-SO-(8-10)	TCLP	Solid	1311	
LB 480-83107/1-B LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 83357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-8	NS-SB/MW-7-SO-(8-10)	TCLP	Solid	3010A	83107
LB 480-83107/1-B LB	Method Blank	TCLP	Solid	3010A	83107
LCS 480-83357/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-83357/2-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 83517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-8	NS-SB/MW-7-SO-(8-10)	TCLP	Solid	6010B	83357
LB 480-83107/1-B LB	Method Blank	TCLP	Solid	6010B	83357
LCS 480-83357/3-A	Lab Control Sample	Total/NA	Solid	6010B	83357
MB 480-83357/2-A	Method Blank	Total/NA	Solid	6010B	83357

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Client Sample ID: NS-SB/MW-7-SO-(8-10) **Lab Sample ID: 480-25085-8**
Date Collected: 09/12/12 11:20 **Matrix: Solid**
Date Received: 09/13/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			83107	10/01/12 09:41	TR	TAL BUF
TCLP	Prep	3010A			83357	10/02/12 12:30	JM	TAL BUF
TCLP	Analysis	6010B		1	83517	10/02/12 21:02	AH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-30-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25085-8	NS-SB/MW-7-SO-(8-10)	Solid	09/12/12 11:20	09/13/12 09:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

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TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
TRC	Mike Sherwood	9/12/12	231741

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page ____ of ____
1430 Broadway	212-221-7822		

City	State	Zip Code	Site Contact	Lab Contact
New York	NY	10081	Phillip Castellano	

Project Name and Location (State)
Ney Smelting

Carrier/Waybill Number

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TAL metals 6010	Mercury 7470	Cyanide 9012	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP	
SB/MW-1 (1-3)	9/12/12	1030				X	X						X	X	X	X	X	X		
SB/MW-1 (10-11.5)		1035																		
SB/MW-5 (1-3)		1330																		
SB/MW-5 (7.5-9.5)		1335																		
SB/MW-5 (7.5-9.5) MS		1340																		
SB/MW-5 (7.5-9.5) MSD		1340																		
SB/MW-6 (0.5-2.5)	9/12/12	1040																	X	
SB/MW-6 (10-11)		1045																		
SB/MW-7 (1-3)		1115																		
SB/MW-7 (8-10)		1120																		

Category B data deliverables and Equis EDD

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/12/12	1500	1. Received By	TANYC	9/13/12 1502
2. Relinquished By	9/12/12	1527	2. Received By		9/13/12 0900
3. Relinquished By			3. Received By		

Comments

7.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/12/12	Chain of Custody Number: 231742
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10881	Site Contact: Philip Castellano	Lab Contact:	
Project Name and Location (State): Ley Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: THL Metals 6010	Mercury 7470	Cyanide 9010	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP
SB/MW-2(1-3)	9/12/12	1340				X	X						X	X	X	X	X	X	X
SB/MW-2(10-11)	9/12/12	1345				X	X						X	X	X	X	X	X	X

Special Instructions/ Conditions of Receipt: Category B data deliverables and Equis EDP

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Philip Castellano	9/12/12	1500	1. Received By: [signature] Test America NJ	9/13/12	1500
2. Relinquished By: [signature]	9/12/12	1535	2. Received By: [signature]	9/13/12	0900
3. Relinquished By:	Date	Time	3. Received By	Date	Time

Comments: 2.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-2

Login Number: 25085

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25511-1
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Authorized for release by:
10/8/2012 5:22:39 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS or MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25511-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25511-1

Comments
No additional comments.

Receipt
The samples were received on 9/22/2012 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 8 coolers at receipt time were 1.4º C, 1.9º C, 2.0º C, 2.5º C, 2.6º C, 2.8º C, 3.1º C and 3.3º C.

GC/MS VOA
Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: NS-MW-WG-7 (480-25511-6DL). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon Disulfide associated with batch 82440 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) for 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon Disulfide associated with batch 82542 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following samples contained one acid and/or one base surrogate outside acceptance limits: NS-MW-WG-1 (480-25511-1), NS-MW-WG-2 (480-25511-2), NS-MW-WG-4 (480-25511-3), NS-MW-WG-5 (480-25511-4), NS-MW-WG-6 (480-25511-5). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The laboratory control sample (LCS) for preparation batch 82385 exceeded control limits for multiple analytes. These analytes are not requested in the client spike list, therefore the data has been qualified and reported.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 82385 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8270C: The laboratory does not currently maintain certification for Napthalene.

Method(s) 8270C: The following sample contained one acid and/or one base surrogate outside acceptance limits: DEP-MW-WG-8 (480-25511-7). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The laboratory does not currently maintain certification for Napthalene.

No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: All primary data is reported from the ZB-35 column.

Method(s) 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-82253/9), (CCV 480-82253/23) and (CCV 480-82253/42) for Tetrachloro-m-xylene exceeded 15% on the ZB-35 column, indicating a high bias.

No analytical or quality issues were noted.

Metals

Job ID: 480-25511-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 3005A: The following samples were received unpreserved and were preserved upon receipt to the laboratory: DEP-MW-WG-11 (480-25511-9), DEP-MW-WG-12 (480-25511-10), DEP-MW-WG-8 (480-25511-7), DEP-MW-WG-9 (480-25511-8), NS-MW-WG-1 (480-25511-1), NS-MW-WG-2 (480-25511-2), NS-MW-WG-4 (480-25511-3), NS-MW-WG-5 (480-25511-4), NS-MW-WG-5 (480-25511-4 MS), NS-MW-WG-5 (480-25511-4 MSD), NS-MW-WG-6 (480-25511-5), NS-MW-WG-7 (480-25511-6). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

Method(s) 6010B: The Method Blank for batch 480-81970 contained total calcium, manganese, and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples DEP-MW-WG-11 (480-25511-9), DEP-MW-WG-12 (480-25511-10), DEP-MW-WG-8 (480-25511-7), DEP-MW-WG-9 (480-25511-8), NS-MW-WG-1 (480-25511-1), NS-MW-WG-2 (480-25511-2), NS-MW-WG-4 (480-25511-3), NS-MW-WG-5 (480-25511-4), NS-MW-WG-6 (480-25511-5), NS-MW-WG-7 (480-25511-6) was not performed.

Method(s) 6010B: The Continuing Calibration Blank, CCB 480-82586/14, contained dissolved potassium above the reporting limit (RL). The Method Blank, (MB 480-82061/1-B), associated with this CCB was non-detect for the target compound, therefore, re-extraction and/or re-analysis of the Method Blank was not performed.

Method(s) 6010B: The Method Blank for batch 480-82090 contained dissolved aluminum, barium, calcium, iron, manganese and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples DEP-MW-WG-11 (480-25511-9), DEP-MW-WG-12 (480-25511-10), DEP-MW-WG-8 (480-25511-7), DEP-MW-WG-9 (480-25511-8), NS-MW-WG-1 (480-25511-1), NS-MW-WG-2 (480-25511-2), NS-MW-WG-4 (480-25511-3), NS-MW-WG-5 (480-25511-4), NS-MW-WG-6 (480-25511-5), NS-MW-WG-7 (480-25511-6) was not performed.

Method(s) 6010B: The Matrix Spike (NS-MW-WG-5 (480-25511-4 MS)) recovery for dissolved barium in batch 480-82090 was outside control limits. The associated Matrix Spike Duplicate (MSD) and Laboratory Control Sample (LCS) recoveries met acceptance criteria, therefore no corrective action was necessary.

No other analytical or quality issues were noted.

General Chemistry

Method(s) 9012A: The matrix spike (MS) recoveries for batch 82132 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. NS-MW-WG-5 (480-25511-4 MS)

Method(s) 9012A: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 82132 was outside control limits. The associated laboratory control sample (LCS) met acceptance criteria. NS-MW-WG-5 (480-25511-4 MS), NS-MW-WG-5 (480-25511-4 MSD)

Method(s) 9012A: The following sample(s) was analyzed outside of analytical holding time due to analyst error: DEP-MW-WG-8 (480-25511-7), DEP-MW-WG-9 (480-25511-8), NS-MW-WG-5 (480-25511-4), NS-MW-WG-5 (480-25511-4 MS), NS-MW-WG-5 (480-25511-4 MSD).

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 82476. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-1 — Lab Sample ID: 480-25511-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.3		1.0	0.81	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.92	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.3		1.0	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	0.49	J	1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	33		1.0	0.90	ug/L	1		8260B	Total/NA
Arsenic	0.0078	J	0.010	0.0056	mg/L	1		6010B	Total/NA
Barium	0.19		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	160	B	0.50	0.10	mg/L	1		6010B	Total/NA
Iron	8.1		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	9.7		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.53	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.014		0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	25		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	75		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0021	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.040	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.15	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	150	B	0.50	0.10	mg/L	1		6010B	Dissolved
Iron	2.1	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	9.3		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.54	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Nickel	0.013		0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	24		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	74		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0020	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.024	B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-2 — Lab Sample ID: 480-25511-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.2		1.0	0.16	ug/L	1		8260B	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010B	Total/NA
Arsenic	0.0074	J	0.010	0.0056	mg/L	1		6010B	Total/NA
Barium	0.50		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	180	B	0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010B	Total/NA
Cobalt	0.0012	J	0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.0086	J	0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	3.0		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.011		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	22		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.88	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	28		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	110		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0039	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.075	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.47	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	170	B	0.50	0.10	mg/L	1		6010B	Dissolved
Cobalt	0.0013	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Iron	0.13	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	22		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.97	B	0.0030	0.00040	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-2 (Continued) — Lab Sample ID: 480-25511-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0017	J	0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	27		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	110		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0036	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.061	B	0.010	0.0015	mg/L	1		6010B	Dissolved
Cyanide, Total	0.0062	J	0.010	0.0050	mg/L	1		9012A	Dissolved

Client Sample ID: NS-MW-WG-4 — Lab Sample ID: 480-25511-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.56	J	1.0	0.16	ug/L	1		8260B	Total/NA
Vinyl chloride	0.98	J	1.0	0.90	ug/L	1		8260B	Total/NA
Acenaphthene	0.54	J	4.8	0.39	ug/L	1		8270C	Total/NA
Aluminum	0.072	J	0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.21		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	120	B	0.50	0.10	mg/L	1		6010B	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	23		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.29	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Potassium	27		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	140		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0017	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.016	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.21	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	110	B	0.50	0.10	mg/L	1		6010B	Dissolved
Magnesium	22		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.28	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	26		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	140		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0020	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.0071	J B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-5 — Lab Sample ID: 480-25511-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.34	J	1.0	0.16	ug/L	1		8260B	Total/NA
Acenaphthene	0.97	J	4.8	0.39	ug/L	1		8270C	Total/NA
Phenanthrene	0.70	J	4.8	0.42	ug/L	1		8270C	Total/NA
Pyrene	0.36	J	4.8	0.33	ug/L	1		8270C	Total/NA
Aluminum	0.25		0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	150	B	0.50	0.10	mg/L	1		6010B	Total/NA
Iron	4.1		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.0042	J	0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	20		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.50	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	28		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	87		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0027	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.10	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Aluminum	0.14	J B	0.20	0.060	mg/L	1		6010B	Dissolved
Barium	0.12	B	0.0020	0.00070	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-5 (Continued) — Lab Sample ID: 480-25511-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	150	B	0.50	0.10	mg/L	1		6010B	Dissolved
Iron	0.13	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	20		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.53	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	27		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	88		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0016	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.014	B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-6 — Lab Sample ID: 480-25511-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	10	3.0	ug/L	1		8260B	Total/NA
Tetrachloroethene	15		1.0	0.36	ug/L	1		8260B	Total/NA
Pyrene	0.37	J	4.8	0.33	ug/L	1		8270C	Total/NA
Aluminum	16		0.20	0.060	mg/L	1		6010B	Total/NA
Arsenic	0.019		0.010	0.0056	mg/L	1		6010B	Total/NA
Barium	0.50		0.0020	0.00070	mg/L	1		6010B	Total/NA
Beryllium	0.00096	J	0.0020	0.00030	mg/L	1		6010B	Total/NA
Cadmium	0.0011		0.0010	0.00050	mg/L	1		6010B	Total/NA
Calcium	110	B	0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.026		0.0040	0.0010	mg/L	1		6010B	Total/NA
Cobalt	0.016		0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.12		0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	17		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.21		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	44		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.63	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.040		0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	53		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	390		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.033		0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.48	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.079	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	86	B	0.50	0.10	mg/L	1		6010B	Dissolved
Cobalt	0.0024	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Copper	0.012		0.010	0.0016	mg/L	1		6010B	Dissolved
Iron	0.022	J B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	39		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.29	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Nickel	0.0074	J	0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	50		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	390		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0054		0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.031	B	0.010	0.0015	mg/L	1		6010B	Dissolved
Mercury	0.0014		0.00020	0.00012	mg/L	1		7470A	Total/NA
Cyanide, Total	0.0051	J	0.010	0.0050	mg/L	1		9012A	Total/NA
Cyanide, Total	0.0060	J	0.010	0.0050	mg/L	1		9012A	Dissolved

Client Sample ID: NS-MW-WG-7 — Lab Sample ID: 480-25511-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: NS-MW-WG-7 (Continued)

Lab Sample ID: 480-25511-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.81	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	1.7		1.0	0.16	ug/L	1		8260B	Total/NA
Methylene Chloride	0.85	J	1.0	0.44	ug/L	1		8260B	Total/NA
Tetrachloroethene	120	E	1.0	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	29		1.0	0.46	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	12		2.0	1.6	ug/L	2		8260B	Total/NA
Methyl tert-butyl ether - DL	1.8	J	2.0	0.32	ug/L	2		8260B	Total/NA
Methylene Chloride - DL	1.2	J	2.0	0.88	ug/L	2		8260B	Total/NA
Tetrachloroethene - DL	110		2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene - DL	28		2.0	0.92	ug/L	2		8260B	Total/NA
Anthracene	0.29	J	4.8	0.27	ug/L	1		8270C	Total/NA
Benzo(a)anthracene	0.86	J	4.8	0.35	ug/L	1		8270C	Total/NA
Benzo(a)pyrene	0.74	J	4.8	0.45	ug/L	1		8270C	Total/NA
Benzo(b)fluoranthene	0.83	J	4.8	0.33	ug/L	1		8270C	Total/NA
Benzo(g,h,i)perylene	0.46	J	4.8	0.34	ug/L	1		8270C	Total/NA
Chrysene	0.88	J	4.8	0.32	ug/L	1		8270C	Total/NA
Phenanthrene	1.3	J	4.8	0.42	ug/L	1		8270C	Total/NA
Pyrene	1.3	J	4.8	0.33	ug/L	1		8270C	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1		6010B	Total/NA
Arsenic	0.0075	J	0.010	0.0056	mg/L	1		6010B	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	100	B	0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0034	J	0.0040	0.0010	mg/L	1		6010B	Total/NA
Cobalt	0.0065		0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.0093	J	0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	5.4		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.031		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	30		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.57	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.073		0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	42		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	280		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0046	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.34	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.040	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	62	B	0.50	0.10	mg/L	1		6010B	Dissolved
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010B	Dissolved
Cobalt	0.0029	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Copper	0.0023	J	0.010	0.0016	mg/L	1		6010B	Dissolved
Iron	0.096	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	47		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.38	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Nickel	0.019		0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	50		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	480		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0032	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.020	B	0.010	0.0015	mg/L	1		6010B	Dissolved
Mercury	0.00026		0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: DEP-MW-WG-8

Lab Sample ID: 480-25511-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.46	J	1.0	0.36	ug/L	1		8260B	Total/NA

Client Sample ID: DEP-MW-WG-8 (Continued) — Lab Sample ID: 480-25511-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.19	J	0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.092		0.0020	0.00070	mg/L	1		6010B	Total/NA
Cadmium	0.0012		0.0010	0.00050	mg/L	1		6010B	Total/NA
Calcium	31	B	0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010B	Total/NA
Cobalt	0.00071	J	0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.0035	J	0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	2.3		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.0055		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	10		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.71	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.0022	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	35		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	190		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0043	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.052	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.063	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	30	B	0.50	0.10	mg/L	1		6010B	Dissolved
Chromium	0.0011	J	0.0040	0.0010	mg/L	1		6010B	Dissolved
Cobalt	0.00074	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Iron	0.037	J B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	10		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.70	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	35		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	190		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0029	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.0074	J B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: DEP-MW-WG-9 — Lab Sample ID: 480-25511-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-octyl phthalate	3.0	J B	4.7	0.44	ug/L	1		8270C	Total/NA
Aluminum	0.094	J	0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.21		0.0020	0.00070	mg/L	1		6010B	Total/NA
Cadmium	0.00056	J	0.0010	0.00050	mg/L	1		6010B	Total/NA
Calcium	140	B	0.50	0.10	mg/L	1		6010B	Total/NA
Iron	4.1		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	12		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.41	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.0018	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	22		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	110		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0030	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.042	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.14	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	140	B	0.50	0.10	mg/L	1		6010B	Dissolved
Magnesium	12		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.40	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	21		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	110		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0020	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.0074	J B	0.010	0.0015	mg/L	1		6010B	Dissolved
Cyanide, Total	0.012		0.010	0.0050	mg/L	1		9012A	Total/NA

Client Sample ID: DEP-MW-WG-9 (Continued) — Lab Sample ID: 480-25511-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.012	H	0.010	0.0050	mg/L	1		9012A	Dissolved

Client Sample ID: DEP-MW-WG-11 — Lab Sample ID: 480-25511-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	3.0	ug/L	1		8260B	Total/NA
Anthracene	0.89	J	4.8	0.27	ug/L	1		8270C	Total/NA
Benzo(a)anthracene	0.79	J	4.8	0.34	ug/L	1		8270C	Total/NA
Benzo(a)pyrene	0.88	J	4.8	0.45	ug/L	1		8270C	Total/NA
Benzo(b)fluoranthene	1.2	J	4.8	0.32	ug/L	1		8270C	Total/NA
Benzo(g,h,i)perylene	0.63	J	4.8	0.33	ug/L	1		8270C	Total/NA
Chrysene	1.2	J	4.8	0.31	ug/L	1		8270C	Total/NA
Indeno(1,2,3-cd)pyrene	0.55	J	4.8	0.45	ug/L	1		8270C	Total/NA
Phenanthrene	0.93	J	4.8	0.42	ug/L	1		8270C	Total/NA
Pyrene	1.7	J	4.8	0.32	ug/L	1		8270C	Total/NA
Aluminum	0.25		0.20	0.060	mg/L	1		6010B	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010B	Total/NA
Cadmium	0.0010		0.0010	0.00050	mg/L	1		6010B	Total/NA
Calcium	14	B	0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010B	Total/NA
Copper	0.013		0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.0089		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	1.1		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.035	B	0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	12		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	10		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0022	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.071	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Aluminum	0.060	J B	0.20	0.060	mg/L	1		6010B	Dissolved
Barium	0.021	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	14	B	0.50	0.10	mg/L	1		6010B	Dissolved
Copper	0.0048	J	0.010	0.0016	mg/L	1		6010B	Dissolved
Iron	0.52	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	0.99		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.032	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	12		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	10		1.0	0.32	mg/L	1		6010B	Dissolved
Vanadium	0.0026	J	0.0050	0.0015	mg/L	1		6010B	Dissolved
Zinc	0.017	B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: DEP-MW-WG-12 — Lab Sample ID: 480-25511-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.28		0.0020	0.00070	mg/L	1		6010B	Total/NA
Cadmium	0.0011		0.0010	0.00050	mg/L	1		6010B	Total/NA
Calcium	180	B	0.50	0.10	mg/L	1		6010B	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.0097	J	0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	1.4		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	16		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.42	B	0.0030	0.00040	mg/L	1		6010B	Total/NA

Client Sample ID: DEP-MW-WG-12 (Continued)

Lab Sample ID: 480-25511-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0046	J	0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	14		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	140		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0015	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.55	B	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.28	B	0.0020	0.00070	mg/L	1		6010B	Dissolved
Cadmium	0.00092	J	0.0010	0.00050	mg/L	1		6010B	Dissolved
Calcium	160	B	0.50	0.10	mg/L	1		6010B	Dissolved
Cobalt	0.00082	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Copper	0.0070	J	0.010	0.0016	mg/L	1		6010B	Dissolved
Iron	0.11	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	16		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.42	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Nickel	0.0040	J	0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	13		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	140		1.0	0.32	mg/L	1		6010B	Dissolved
Zinc	0.50	B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-25511-11

No Detections

Client Sample ID: NS-MW-WG-1
Date Collected: 09/21/12 14:35
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 02:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 02:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 02:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 02:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 02:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 02:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 02:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 02:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 02:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 02:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 02:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 02:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 02:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 02:27	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 02:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 02:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 02:27	1
Acetone	ND		10	3.0	ug/L			09/27/12 02:27	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 02:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 02:27	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 02:27	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 02:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 02:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 02:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 02:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 02:27	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 02:27	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 02:27	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 02:27	1
cis-1,2-Dichloroethene	**9.3**		1.0	0.81	ug/L			09/27/12 02:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 02:27	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 02:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 02:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 02:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 02:27	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 02:27	1
Methyl tert-butyl ether	**0.92**	**J**	1.0	0.16	ug/L			09/27/12 02:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 02:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 02:27	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 02:27	1
Tetrachloroethene	**2.3**		1.0	0.36	ug/L			09/27/12 02:27	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 02:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 02:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 02:27	1
Trichloroethene	**0.49**	**J**	1.0	0.46	ug/L			09/27/12 02:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 02:27	1
Vinyl chloride	**33**		1.0	0.90	ug/L			09/27/12 02:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*09/27/12 02:27*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-1
Date Collected: 09/21/12 14:35
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		71 - 126		09/27/12 02:27	1
4-Bromofluorobenzene (Surr)	82		73 - 120		09/27/12 02:27	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		09/26/12 14:27	09/27/12 18:05	1
bis (2-chloroisopropyl) ether	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:05	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Chlorophenol	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/26/12 14:27	09/27/12 18:05	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:05	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:05	1
3-Nitroaniline	ND		9.5	0.46	ug/L		09/26/12 14:27	09/27/12 18:05	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/26/12 14:27	09/27/12 18:05	1
4-Nitrophenol	ND		9.5	1.4	ug/L		09/26/12 14:27	09/27/12 18:05	1
Acenaphthene	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:05	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/26/12 14:27	09/27/12 18:05	1
Acetophenone	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 18:05	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:27	09/27/12 18:05	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzaldehyde	ND		4.8	0.25	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:05	1
Benzo(k)fluoranthene	ND		4.8	0.69	ug/L		09/26/12 14:27	09/27/12 18:05	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:05	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:05	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 18:05	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 18:05	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 18:05	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 18:05	1
Chrysene	ND		4.8	0.31	ug/L		09/26/12 14:27	09/27/12 18:05	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 18:05	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:05	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 18:05	1

Client Sample ID: NS-MW-WG-1
Date Collected: 09/21/12 14:35
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.5	0.49	ug/L		09/26/12 14:27	09/27/12 18:05	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 18:05	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:05	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:05	1
Fluorene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:05	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:05	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:27	09/27/12 18:05	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:05	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:05	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:05	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 18:05	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 18:05	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:05	1
Naphthalene	ND		4.8	0.72	ug/L		09/26/12 14:27	09/27/12 18:05	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 18:05	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/26/12 14:27	09/27/12 18:05	1
Phenanthrene	ND		4.8	0.42	ug/L		09/26/12 14:27	09/27/12 18:05	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 18:05	1
Pyrene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*52 - 132*	*09/26/12 14:27*	*09/27/12 18:05*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*09/26/12 14:27*	*09/27/12 18:05*	*1*
2-Fluorophenol	*46*		*20 - 120*	*09/26/12 14:27*	*09/27/12 18:05*	*1*
Nitrobenzene-d5	*94*		*46 - 120*	*09/26/12 14:27*	*09/27/12 18:05*	*1*
p-Terphenyl-d14	*60*	*X*	*67 - 150*	*09/26/12 14:27*	*09/27/12 18:05*	*1*
Phenol-d5	*33*		*16 - 120*	*09/26/12 14:27*	*09/27/12 18:05*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 18:31	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*95*		*19 - 126*	*09/26/12 07:01*	*09/26/12 18:31*	*1*
DCB Decachlorobiphenyl	*90*		*19 - 126*	*09/26/12 07:01*	*09/26/12 18:31*	*1*
Tetrachloro-m-xylene	*93*		*23 - 127*	*09/26/12 07:01*	*09/26/12 18:31*	*1*
Tetrachloro-m-xylene	*93*		*23 - 127*	*09/26/12 07:01*	*09/26/12 18:31*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 16:57	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 16:57	1
Arsenic	**0.0078**	**J**	0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 16:57	1
Barium	**0.19**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 16:57	1

Client Sample ID: NS-MW-WG-1
Date Collected: 09/21/12 14:35
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-1
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 16:57	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 16:57	1
Calcium	**160**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:57	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 16:57	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 16:57	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 16:57	1
Iron	**8.1**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 16:57	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 16:57	1
Magnesium	**9.7**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 16:57	1
Manganese	**0.53**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 16:57	1
Nickel	**0.014**		0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 16:57	1
Potassium	**25**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:57	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 16:57	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 16:57	1
Sodium	**75**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 16:57	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 16:57	1
Vanadium	**0.0021**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 16:57	1
Zinc	**0.040**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 16:57	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:36	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:36	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:36	1
Barium	**0.15**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:36	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:36	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:36	1
Calcium	**150**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:36	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:36	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:36	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:36	1
Iron	**2.1**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:36	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:36	1
Magnesium	**9.3**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:36	1
Manganese	**0.54**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:36	1
Nickel	**0.013**		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:36	1
Potassium	**24**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:36	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:36	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:36	1
Sodium	**74**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:36	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:36	1
Vanadium	**0.0020**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:36	1
Zinc	**0.024**	**B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:09	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:20	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-1

Lab Sample ID: 480-25511-1

Date Collected: 09/21/12 14:35

Matrix: Water

Date Received: 09/22/12 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:34	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:03	1

Client Sample ID: NS-MW-WG-2

Lab Sample ID: 480-25511-2

Date Collected: 09/21/12 15:20

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 02:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 02:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 02:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 02:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 02:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 02:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 02:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 02:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 02:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 02:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 02:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 02:53	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 02:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 02:53	1
Acetone	ND		10	3.0	ug/L			09/27/12 02:53	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 02:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 02:53	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 02:53	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 02:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 02:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 02:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 02:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 02:53	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 02:53	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 02:53	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 02:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 02:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 02:53	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 02:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 02:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 02:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 02:53	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 02:53	1
Methyl tert-butyl ether	**2.2**		1.0	0.16	ug/L			09/27/12 02:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 02:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 02:53	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-2
Date Collected: 09/21/12 15:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			09/27/12 02:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 02:53	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 02:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 02:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 02:53	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 02:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 02:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 02:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*09/27/12 02:53*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*09/27/12 02:53*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/27/12 02:53*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		09/26/12 14:27	09/27/12 18:29	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4-Dinitrophenol	ND		9.7	2.2	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:29	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Chloronaphthalene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Methylphenol	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Nitroaniline	ND		9.7	0.41	ug/L		09/26/12 14:27	09/27/12 18:29	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:29	1
3-Nitroaniline	ND		9.7	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Bromophenyl phenyl ether	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Chloro-3-methylphenol	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Chloroaniline	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Methylphenol	ND		9.7	0.35	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Nitroaniline	ND		9.7	0.24	ug/L		09/26/12 14:27	09/27/12 18:29	1
4-Nitrophenol	ND		9.7	1.5	ug/L		09/26/12 14:27	09/27/12 18:29	1
Acenaphthene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 18:29	1
Acenaphthylene	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 18:29	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 18:29	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:27	09/27/12 18:29	1
Atrazine	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:29	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:27	09/27/12 18:29	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		09/26/12 14:27	09/27/12 18:29	1
Benzo(a)pyrene	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:29	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-2
Date Collected: 09/21/12 15:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:29	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		09/26/12 14:27	09/27/12 18:29	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:29	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:29	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 18:29	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 18:29	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 18:29	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 18:29	1
Chrysene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 18:29	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 18:29	1
Di-n-octyl phthalate	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 18:29	1
Dibenzofuran	ND		9.7	0.49	ug/L		09/26/12 14:27	09/27/12 18:29	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 18:29	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		09/26/12 14:27	09/27/12 18:29	1
Fluoranthene	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:29	1
Fluorene	ND		4.8	0.35	ug/L		09/26/12 14:27	09/27/12 18:29	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:29	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		09/26/12 14:27	09/27/12 18:29	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 18:29	1
Hexachloroethane	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 18:29	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:29	1
Isophorone	ND		4.8	0.42	ug/L		09/26/12 14:27	09/27/12 18:29	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 18:29	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:29	1
Naphthalene	ND		4.8	0.74	ug/L		09/26/12 14:27	09/27/12 18:29	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 18:29	1
Pentachlorophenol	ND		9.7	2.1	ug/L		09/26/12 14:27	09/27/12 18:29	1
Phenanthrene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:29	1
Phenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:29	1
Pyrene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*09/26/12 14:27*	*09/27/12 18:29*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*09/26/12 14:27*	*09/27/12 18:29*	*1*
2-Fluorophenol	*44*		*20 - 120*	*09/26/12 14:27*	*09/27/12 18:29*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*09/26/12 14:27*	*09/27/12 18:29*	*1*
p-Terphenyl-d14	*51*	*X*	*67 - 150*	*09/26/12 14:27*	*09/27/12 18:29*	*1*
Phenol-d5	*31*		*16 - 120*	*09/26/12 14:27*	*09/27/12 18:29*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1221	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1232	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1242	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1248	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1254	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1260	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1262	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 18:46	1
PCB-1268	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 18:46	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-2
Date Collected: 09/21/12 15:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		19 - 126	09/26/12 07:01	09/26/12 18:46	1
DCB Decachlorobiphenyl	71		19 - 126	09/26/12 07:01	09/26/12 18:46	1
Tetrachloro-m-xylene	82		23 - 127	09/26/12 07:01	09/26/12 18:46	1
Tetrachloro-m-xylene	82		23 - 127	09/26/12 07:01	09/26/12 18:46	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.15**	**J**	0.20	0.060	mg/L		09/25/12 07:50	09/25/12 16:59	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 16:59	1
Arsenic	**0.0074**	**J**	0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 16:59	1
Barium	**0.50**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 16:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 16:59	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 16:59	1
Calcium	**180**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:59	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 16:59	1
Cobalt	**0.0012**	**J**	0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 16:59	1
Copper	**0.0086**	**J**	0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 16:59	1
Iron	**3.0**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 16:59	1
Lead	**0.011**		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 16:59	1
Magnesium	**22**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 16:59	1
Manganese	**0.88**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 16:59	1
Nickel	**0.0024**	**J**	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 16:59	1
Potassium	**28**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:59	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 16:59	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 16:59	1
Sodium	**110**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 16:59	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 16:59	1
Vanadium	**0.0039**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 16:59	1
Zinc	**0.075**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 16:59	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:38	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:38	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:38	1
Barium	**0.47**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:38	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:38	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:38	1
Calcium	**170**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:38	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:38	1
Cobalt	**0.0013**	**J**	0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:38	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:38	1
Iron	**0.13**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:38	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:38	1
Magnesium	**22**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:38	1
Manganese	**0.97**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:38	1
Nickel	**0.0017**	**J**	0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:38	1
Potassium	**27**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:38	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:38	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:38	1
Sodium	**110**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:38	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:38	1

Client Sample ID: NS-MW-WG-2

Lab Sample ID: 480-25511-2

Date Collected: 09/21/12 15:20

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0036	J	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:38	1
Zinc	0.061	B	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:11	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:35	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0062	J	0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:03	1

Client Sample ID: NS-MW-WG-4

Lab Sample ID: 480-25511-3

Date Collected: 09/21/12 08:00

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 03:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 03:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 03:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 03:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 03:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 03:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 03:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 03:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 03:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 03:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 03:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 03:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 03:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 03:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 03:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 03:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 03:18	1
Acetone	ND		10	3.0	ug/L			09/27/12 03:18	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 03:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 03:18	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 03:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 03:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 03:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 03:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 03:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 03:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 03:18	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-4
Date Collected: 09/21/12 08:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/27/12 03:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 03:18	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 03:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 03:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 03:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 03:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 03:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 03:18	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 03:18	1
Methyl tert-butyl ether	**0.56**	**J**	1.0	0.16	ug/L			09/27/12 03:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 03:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 03:18	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 03:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 03:18	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 03:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 03:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 03:18	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 03:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 03:18	1
Vinyl chloride	**0.98**	**J**	1.0	0.90	ug/L			09/27/12 03:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*09/27/12 03:18*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*09/27/12 03:18*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/27/12 03:18*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		09/26/12 14:27	09/27/12 18:52	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:52	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/26/12 14:27	09/27/12 18:52	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 18:52	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:52	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/26/12 14:27	09/27/12 18:52	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-4
Date Collected: 09/21/12 08:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-3
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		9.6	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/26/12 14:27	09/27/12 18:52	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/26/12 14:27	09/27/12 18:52	1
Acenaphthene	**0.54**	**J**	4.8	0.39	ug/L		09/26/12 14:27	09/27/12 18:52	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/26/12 14:27	09/27/12 18:52	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 18:52	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:27	09/27/12 18:52	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:27	09/27/12 18:52	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:52	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 18:52	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 18:52	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 18:52	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 18:52	1
Chrysene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 18:52	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 18:52	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:52	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 18:52	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/26/12 14:27	09/27/12 18:52	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 18:52	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 18:52	1
Fluorene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 18:52	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:52	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:27	09/27/12 18:52	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:52	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 18:52	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 18:52	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 18:52	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 18:52	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 18:52	1
Naphthalene	ND		4.8	0.73	ug/L		09/26/12 14:27	09/27/12 18:52	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 18:52	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 18:52	1
Phenanthrene	ND		4.8	0.42	ug/L		09/26/12 14:27	09/27/12 18:52	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 18:52	1
Pyrene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*09/26/12 14:27*	*09/27/12 18:52*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*09/26/12 14:27*	*09/27/12 18:52*	*1*
2-Fluorophenol	*43*		*20 - 120*	*09/26/12 14:27*	*09/27/12 18:52*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*09/26/12 14:27*	*09/27/12 18:52*	*1*
p-Terphenyl-d14	*55*	*X*	*67 - 150*	*09/26/12 14:27*	*09/27/12 18:52*	*1*
Phenol-d5	*31*		*16 - 120*	*09/26/12 14:27*	*09/27/12 18:52*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-4
Date Collected: 09/21/12 08:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-3
Matrix: Water

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:01	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*19 - 126*	*09/26/12 07:01*	*09/26/12 19:01*	*1*
DCB Decachlorobiphenyl	*60*		*19 - 126*	*09/26/12 07:01*	*09/26/12 19:01*	*1*
Tetrachloro-m-xylene	*96*		*23 - 127*	*09/26/12 07:01*	*09/26/12 19:01*	*1*
Tetrachloro-m-xylene	*95*		*23 - 127*	*09/26/12 07:01*	*09/26/12 19:01*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.072**	**J**	0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:01	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:01	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:01	1
Barium	**0.21**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:01	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:01	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:01	1
Calcium	**120**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:01	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:01	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:01	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:01	1
Iron	**1.7**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:01	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:01	1
Magnesium	**23**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:01	1
Manganese	**0.29**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:01	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:01	1
Potassium	**27**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:01	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:01	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:01	1
Sodium	**140**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:01	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:01	1
Vanadium	**0.0017**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:01	1
Zinc	**0.016**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:01	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:40	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:40	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:40	1
Barium	**0.21**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:40	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:40	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:40	1
Calcium	**110**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:40	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:40	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:40	1

Client Sample ID: NS-MW-WG-4

Lab Sample ID: 480-25511-3

Date Collected: 09/21/12 08:00

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:40	1
Iron	ND		0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:40	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:40	1
Magnesium	**22**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:40	1
Manganese	**0.28**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:40	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:40	1
Potassium	**26**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:40	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:40	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:40	1
Sodium	**140**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:40	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:40	1
Vanadium	**0.0020**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:40	1
Zinc	**0.0071**	**J B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:13	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:36	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:04	1

Client Sample ID: NS-MW-WG-5

Lab Sample ID: 480-25511-4

Date Collected: 09/20/12 13:30

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 03:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 03:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 03:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 03:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 03:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 03:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 03:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 03:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 03:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 03:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 03:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 03:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 03:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 03:43	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 03:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 03:43	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-5
Date Collected: 09/20/12 13:30
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 03:43	1
Acetone	ND		10	3.0	ug/L			09/27/12 03:43	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 03:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 03:43	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 03:43	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 03:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 03:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 03:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 03:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 03:43	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 03:43	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 03:43	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 03:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 03:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 03:43	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 03:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 03:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 03:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 03:43	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 03:43	1
Methyl tert-butyl ether	**0.34**	**J**	1.0	0.16	ug/L			09/27/12 03:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 03:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 03:43	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 03:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 03:43	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 03:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 03:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 03:43	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 03:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 03:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 03:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*09/27/12 03:43*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/27/12 03:43*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*09/27/12 03:43*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		09/26/12 14:27	09/27/12 19:15	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:15	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:15	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 19:15	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 19:15	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-5
Date Collected: 09/20/12 13:30
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 19:15	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:15	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/26/12 14:27	09/27/12 19:15	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 19:15	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:15	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/26/12 14:27	09/27/12 19:15	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Methylphenol	ND		9.6	0.34	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/26/12 14:27	09/27/12 19:15	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/26/12 14:27	09/27/12 19:15	1
Acenaphthene	**0.97**	**J**	4.8	0.39	ug/L		09/26/12 14:27	09/27/12 19:15	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/26/12 14:27	09/27/12 19:15	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 19:15	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:27	09/27/12 19:15	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:15	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:27	09/27/12 19:15	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:15	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:15	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 19:15	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 19:15	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 19:15	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 19:15	1
Chrysene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 19:15	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 19:15	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:15	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 19:15	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/26/12 14:27	09/27/12 19:15	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 19:15	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:15	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:15	1
Fluorene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:15	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:15	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:27	09/27/12 19:15	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:15	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:15	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:15	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 19:15	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 19:15	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:15	1
Naphthalene	ND		4.8	0.73	ug/L		09/26/12 14:27	09/27/12 19:15	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 19:15	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:15	1

Client Sample ID: NS-MW-WG-5
Date Collected: 09/20/12 13:30
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.70**	**J**	4.8	0.42	ug/L		09/26/12 14:27	09/27/12 19:15	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 19:15	1
Pyrene	**0.36**	**J**	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*52 - 132*	*09/26/12 14:27*	*09/27/12 19:15*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*09/26/12 14:27*	*09/27/12 19:15*	*1*
2-Fluorophenol	*42*		*20 - 120*	*09/26/12 14:27*	*09/27/12 19:15*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*09/26/12 14:27*	*09/27/12 19:15*	*1*
p-Terphenyl-d14	*48*	*X*	*67 - 150*	*09/26/12 14:27*	*09/27/12 19:15*	*1*
Phenol-d5	*31*		*16 - 120*	*09/26/12 14:27*	*09/27/12 19:15*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:16	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*90*		*19 - 126*	*09/26/12 07:01*	*09/26/12 19:16*	*1*
DCB Decachlorobiphenyl	*85*		*19 - 126*	*09/26/12 07:01*	*09/26/12 19:16*	*1*
Tetrachloro-m-xylene	*92*		*23 - 127*	*09/26/12 07:01*	*09/26/12 19:16*	*1*
Tetrachloro-m-xylene	*90*		*23 - 127*	*09/26/12 07:01*	*09/26/12 19:16*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.25**		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:03	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:03	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:03	1
Barium	**0.15**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:03	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:03	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:03	1
Calcium	**150**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:03	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:03	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:03	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:03	1
Iron	**4.1**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:03	1
Lead	**0.0042**	**J**	0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:03	1
Magnesium	**20**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:03	1
Manganese	**0.50**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:03	1
Nickel	**0.0016**	**J**	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:03	1
Potassium	**28**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:03	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:03	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:03	1
Sodium	**87**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:03	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:03	1

Client Sample ID: NS-MW-WG-5

Lab Sample ID: 480-25511-4

Date Collected: 09/20/12 13:30

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**0.0027**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:03	1
Zinc	**0.10**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:03	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.14**	**J B**	0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:42	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:42	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:42	1
Barium	**0.12**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:42	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:42	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:42	1
Calcium	**150**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:42	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:42	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:42	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:42	1
Iron	**0.13**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:42	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:42	1
Magnesium	**20**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:42	1
Manganese	**0.53**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:42	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:42	1
Potassium	**27**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:42	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:42	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:42	1
Sodium	**88**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:42	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:42	1
Vanadium	**0.0016**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:42	1
Zinc	**0.014**	**B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:37	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	H	0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:05	1

Client Sample ID: NS-MW-WG-6

Lab Sample ID: 480-25511-5

Date Collected: 09/21/12 10:25

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 04:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 04:59	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-6
Date Collected: 09/21/12 10:25
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 04:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 04:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 04:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 04:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 04:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 04:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 04:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 04:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 04:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 04:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 04:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 04:59	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 04:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 04:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 04:59	1
Acetone	**4.7**	**J**	10	3.0	ug/L			09/27/12 04:59	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 04:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 04:59	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 04:59	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 04:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 04:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 04:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 04:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 04:59	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 04:59	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 04:59	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 04:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 04:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 04:59	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 04:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 04:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 04:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 04:59	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 04:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 04:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 04:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 04:59	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 04:59	1
Tetrachloroethene	**15**		1.0	0.36	ug/L			09/27/12 04:59	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 04:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 04:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 04:59	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 04:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 04:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 04:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/27/12 04:59*	*1*
Toluene-d8 (Surr)	*86*		*71 - 126*		*09/27/12 04:59*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/27/12 04:59*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-6
Date Collected: 09/21/12 10:25
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-5
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		09/26/12 14:27	09/27/12 19:39	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:39	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/26/12 14:27	09/27/12 19:39	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 19:39	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:39	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/26/12 14:27	09/27/12 19:39	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Methylphenol	ND		9.6	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/26/12 14:27	09/27/12 19:39	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/26/12 14:27	09/27/12 19:39	1
Acenaphthene	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 19:39	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/26/12 14:27	09/27/12 19:39	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 19:39	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:27	09/27/12 19:39	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:27	09/27/12 19:39	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:39	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 19:39	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 19:39	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 19:39	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 19:39	1
Chrysene	ND		4.8	0.32	ug/L		09/26/12 14:27	09/27/12 19:39	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 19:39	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:39	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 19:39	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/26/12 14:27	09/27/12 19:39	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 19:39	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 19:39	1
Fluorene	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 19:39	1

Client Sample ID: NS-MW-WG-6
Date Collected: 09/21/12 10:25
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-5
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:39	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:27	09/27/12 19:39	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:39	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/26/12 14:27	09/27/12 19:39	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 19:39	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 19:39	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 19:39	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 19:39	1
Naphthalene	ND		4.8	0.73	ug/L		09/26/12 14:27	09/27/12 19:39	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 19:39	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 19:39	1
Phenanthrene	ND		4.8	0.42	ug/L		09/26/12 14:27	09/27/12 19:39	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 19:39	1
Pyrene	**0.37**	**J**	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*100*		*52 - 132*	*09/26/12 14:27*	*09/27/12 19:39*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*09/26/12 14:27*	*09/27/12 19:39*	*1*
2-Fluorophenol	*41*		*20 - 120*	*09/26/12 14:27*	*09/27/12 19:39*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*09/26/12 14:27*	*09/27/12 19:39*	*1*
p-Terphenyl-d14	*48*	*X*	*67 - 150*	*09/26/12 14:27*	*09/27/12 19:39*	*1*
Phenol-d5	*32*		*16 - 120*	*09/26/12 14:27*	*09/27/12 19:39*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1221	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1232	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1242	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1248	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1254	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1260	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1262	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 20:00	1
PCB-1268	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:00*	*1*
DCB Decachlorobiphenyl	*47*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:00*	*1*
Tetrachloro-m-xylene	*91*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:00*	*1*
Tetrachloro-m-xylene	*90*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:00*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16**		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:18	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:18	1
Arsenic	**0.019**		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:18	1
Barium	**0.50**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:18	1
Beryllium	**0.00096**	**J**	0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:18	1
Cadmium	**0.0011**		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:18	1
Calcium	**110**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:18	1
Chromium	**0.026**		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:18	1
Cobalt	**0.016**		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:18	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-6
Date Collected: 09/21/12 10:25
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-5
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.12		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:18	1
Iron	17		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:18	1
Lead	0.21		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:18	1
Magnesium	44		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:18	1
Manganese	0.63	B	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:18	1
Nickel	0.040		0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:18	1
Potassium	53		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:18	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:18	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:18	1
Sodium	390		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:18	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:18	1
Vanadium	0.033		0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:18	1
Zinc	0.48	B	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:18	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:57	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:57	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:57	1
Barium	0.079	B	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:57	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:57	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:57	1
Calcium	86	B	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:57	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:57	1
Cobalt	0.0024	J	0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:57	1
Copper	0.012		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:57	1
Iron	0.022	J B	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:57	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:57	1
Magnesium	39		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:57	1
Manganese	0.29	B	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:57	1
Nickel	0.0074	J	0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:57	1
Potassium	50		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:57	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:57	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:57	1
Sodium	390		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:57	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:57	1
Vanadium	0.0054		0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:57	1
Zinc	0.031	B	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0014		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0051	J	0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:41	1

Client Sample ID: NS-MW-WG-6

Lab Sample ID: 480-25511-5

Date Collected: 09/21/12 10:25

Matrix: Water

Date Received: 09/22/12 09:15

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0060**	**J**	0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:08	1

Client Sample ID: NS-MW-WG-7

Lab Sample ID: 480-25511-6

Date Collected: 09/21/12 11:15

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 05:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 05:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 05:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 05:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 05:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 05:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 05:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 05:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 05:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 05:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 05:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 05:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 05:24	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 05:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 05:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 05:24	1
Acetone	**3.1**	**J**	10	3.0	ug/L			09/27/12 05:24	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 05:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 05:24	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 05:24	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 05:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 05:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 05:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 05:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 05:24	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 05:24	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 05:24	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 05:24	1
cis-1,2-Dichloroethene	**13**		1.0	0.81	ug/L			09/27/12 05:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 05:24	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 05:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 05:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 05:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 05:24	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 05:24	1
Methyl tert-butyl ether	**1.7**		1.0	0.16	ug/L			09/27/12 05:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 05:24	1
Methylene Chloride	**0.85**	**J**	1.0	0.44	ug/L			09/27/12 05:24	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 05:24	1
Tetrachloroethene	**120**	**E**	1.0	0.36	ug/L			09/27/12 05:24	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 05:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 05:24	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-7
Date Collected: 09/21/12 11:15
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 05:24	1
Trichloroethene	**29**		1.0	0.46	ug/L			09/27/12 05:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 05:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 05:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*09/27/12 05:24*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/27/12 05:24*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*09/27/12 05:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/27/12 17:03	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/27/12 17:03	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/27/12 17:03	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/27/12 17:03	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/27/12 17:03	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/27/12 17:03	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/27/12 17:03	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/27/12 17:03	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/27/12 17:03	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/27/12 17:03	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/27/12 17:03	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/27/12 17:03	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/27/12 17:03	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/27/12 17:03	2
2-Hexanone	ND		10	2.5	ug/L			09/27/12 17:03	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/27/12 17:03	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/27/12 17:03	2
Acetone	ND		20	6.0	ug/L			09/27/12 17:03	2
Benzene	ND		2.0	0.82	ug/L			09/27/12 17:03	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/27/12 17:03	2
Bromoform	ND		2.0	0.52	ug/L			09/27/12 17:03	2
Bromomethane	ND	*	2.0	1.4	ug/L			09/27/12 17:03	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/27/12 17:03	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/27/12 17:03	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/27/12 17:03	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/27/12 17:03	2
Chloroethane	ND		2.0	0.64	ug/L			09/27/12 17:03	2
Chloroform	ND		2.0	0.68	ug/L			09/27/12 17:03	2
Chloromethane	ND	*	2.0	0.70	ug/L			09/27/12 17:03	2
cis-1,2-Dichloroethene	**12**		2.0	1.6	ug/L			09/27/12 17:03	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/27/12 17:03	2
Cyclohexane	ND		2.0	0.36	ug/L			09/27/12 17:03	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/27/12 17:03	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/27/12 17:03	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/27/12 17:03	2
Methyl acetate	ND		2.0	1.0	ug/L			09/27/12 17:03	2
Methyl tert-butyl ether	**1.8**	**J**	2.0	0.32	ug/L			09/27/12 17:03	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/27/12 17:03	2

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-7
Date Collected: 09/21/12 11:15
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**1.2**	**J**	2.0	0.88	ug/L			09/27/12 17:03	2
Styrene	ND		2.0	1.5	ug/L			09/27/12 17:03	2
Tetrachloroethene	**110**		2.0	0.72	ug/L			09/27/12 17:03	2
Toluene	ND		2.0	1.0	ug/L			09/27/12 17:03	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/27/12 17:03	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/27/12 17:03	2
Trichloroethene	**28**		2.0	0.92	ug/L			09/27/12 17:03	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/27/12 17:03	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/27/12 17:03	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/27/12 17:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*09/27/12 17:03*	*2*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/27/12 17:03*	*2*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*09/27/12 17:03*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		09/26/12 14:27	09/27/12 20:02	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 20:02	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/26/12 14:27	09/27/12 20:02	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:27	09/27/12 20:02	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 20:02	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/26/12 14:27	09/27/12 20:02	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Chloroaniline	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Methylphenol	ND		9.6	0.35	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/26/12 14:27	09/27/12 20:02	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/26/12 14:27	09/27/12 20:02	1
Acenaphthene	ND		4.8	0.39	ug/L		09/26/12 14:27	09/27/12 20:02	1
Acenaphthylene	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 20:02	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 20:02	1
Anthracene	**0.29**	**J**	4.8	0.27	ug/L		09/26/12 14:27	09/27/12 20:02	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:27	09/27/12 20:02	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:27	09/27/12 20:02	1
Benzo(a)anthracene	**0.86**	**J**	4.8	0.35	ug/L		09/26/12 14:27	09/27/12 20:02	1
Benzo(a)pyrene	**0.74**	**J**	4.8	0.45	ug/L		09/26/12 14:27	09/27/12 20:02	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-7
Date Collected: 09/21/12 11:15
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-6
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(b)fluoranthene	**0.83**	**J**	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 20:02	1
Benzo(g,h,i)perylene	**0.46**	**J**	4.8	0.34	ug/L		09/26/12 14:27	09/27/12 20:02	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:27	09/27/12 20:02	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.34	ug/L		09/26/12 14:27	09/27/12 20:02	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 20:02	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:27	09/27/12 20:02	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 20:02	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:27	09/27/12 20:02	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:27	09/27/12 20:02	1
Chrysene	**0.88**	**J**	4.8	0.32	ug/L		09/26/12 14:27	09/27/12 20:02	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:27	09/27/12 20:02	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 20:02	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:27	09/27/12 20:02	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/26/12 14:27	09/27/12 20:02	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:27	09/27/12 20:02	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		09/26/12 14:27	09/27/12 20:02	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:27	09/27/12 20:02	1
Fluorene	ND		4.8	0.35	ug/L		09/26/12 14:27	09/27/12 20:02	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:27	09/27/12 20:02	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:27	09/27/12 20:02	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 20:02	1
Hexachloroethane	ND		4.8	0.57	ug/L		09/26/12 14:27	09/27/12 20:02	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:27	09/27/12 20:02	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:27	09/27/12 20:02	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:27	09/27/12 20:02	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:27	09/27/12 20:02	1
Naphthalene	ND		4.8	0.73	ug/L		09/26/12 14:27	09/27/12 20:02	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:27	09/27/12 20:02	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/26/12 14:27	09/27/12 20:02	1
Phenanthrene	**1.3**	**J**	4.8	0.42	ug/L		09/26/12 14:27	09/27/12 20:02	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:27	09/27/12 20:02	1
Pyrene	**1.3**	**J**	4.8	0.33	ug/L		09/26/12 14:27	09/27/12 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*09/26/12 14:27*	*09/27/12 20:02*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*09/26/12 14:27*	*09/27/12 20:02*	*1*
2-Fluorophenol	*46*		*20 - 120*	*09/26/12 14:27*	*09/27/12 20:02*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*09/26/12 14:27*	*09/27/12 20:02*	*1*
p-Terphenyl-d14	*72*		*67 - 150*	*09/26/12 14:27*	*09/27/12 20:02*	*1*
Phenol-d5	*33*		*16 - 120*	*09/26/12 14:27*	*09/27/12 20:02*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:15	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:15	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-7
Date Collected: 09/21/12 11:15
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-6
Matrix: Water

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:15*	*1*
DCB Decachlorobiphenyl	*73*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:15*	*1*
Tetrachloro-m-xylene	*92*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:15*	*1*
Tetrachloro-m-xylene	*91*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:15*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.1**		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:20	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:20	1
Arsenic	**0.0075**	**J**	0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:20	1
Barium	**0.14**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:20	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:20	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:20	1
Calcium	**100**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:20	1
Chromium	**0.0034**	**J**	0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:20	1
Cobalt	**0.0065**		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:20	1
Copper	**0.0093**	**J**	0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:20	1
Iron	**5.4**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:20	1
Lead	**0.031**		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:20	1
Magnesium	**30**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:20	1
Manganese	**0.57**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:20	1
Nickel	**0.073**		0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:20	1
Potassium	**42**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:20	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:20	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:20	1
Sodium	**280**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:20	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:20	1
Vanadium	**0.0046**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:20	1
Zinc	**0.34**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:20	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 19:59	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 19:59	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 19:59	1
Barium	**0.040**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 19:59	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 19:59	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 19:59	1
Calcium	**62**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:59	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 19:59	1
Cobalt	**0.0029**	**J**	0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 19:59	1
Copper	**0.0023**	**J**	0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 19:59	1
Iron	**0.096**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 19:59	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 19:59	1
Magnesium	**47**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 19:59	1
Manganese	**0.38**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 19:59	1
Nickel	**0.019**		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 19:59	1
Potassium	**50**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 19:59	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 19:59	1

Client Sample ID: NS-MW-WG-7

Lab Sample ID: 480-25511-6

Date Collected: 09/21/12 11:15

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 19:59	1
Sodium	**480**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 19:59	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 19:59	1
Vanadium	**0.0032**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 19:59	1
Zinc	**0.020**	**B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 19:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00026**		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:27	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:42	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:09	1

Client Sample ID: DEP-MW-WG-8

Lab Sample ID: 480-25511-7

Date Collected: 09/20/12 16:20

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 05:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 05:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 05:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 05:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 05:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 05:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 05:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 05:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 05:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 05:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 05:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 05:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 05:49	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 05:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 05:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 05:49	1
Acetone	ND		10	3.0	ug/L			09/27/12 05:49	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 05:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 05:49	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 05:49	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 05:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 05:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 05:49	1

Client Sample ID: DEP-MW-WG-8
Date Collected: 09/20/12 16:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 05:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 05:49	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 05:49	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 05:49	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 05:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 05:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 05:49	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 05:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 05:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 05:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 05:49	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 05:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 05:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 05:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 05:49	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 05:49	1
Tetrachloroethene	**0.46**	**J**	1.0	0.36	ug/L			09/27/12 05:49	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 05:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 05:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 05:49	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 05:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 05:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 05:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*09/27/12 05:49*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*09/27/12 05:49*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/27/12 05:49*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		09/27/12 06:43	09/28/12 17:38	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/27/12 06:43	09/28/12 17:38	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/27/12 06:43	09/28/12 17:38	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/27/12 06:43	09/28/12 17:38	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/27/12 06:43	09/28/12 17:38	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/27/12 06:43	09/28/12 17:38	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/27/12 06:43	09/28/12 17:38	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-8
Date Collected: 09/20/12 16:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-7
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Methylphenol	ND		9.6	0.34	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/27/12 06:43	09/28/12 17:38	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/27/12 06:43	09/28/12 17:38	1
Acenaphthene	ND		4.8	0.39	ug/L		09/27/12 06:43	09/28/12 17:38	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/27/12 06:43	09/28/12 17:38	1
Acetophenone	ND		4.8	0.52	ug/L		09/27/12 06:43	09/28/12 17:38	1
Anthracene	ND		4.8	0.27	ug/L		09/27/12 06:43	09/28/12 17:38	1
Atrazine	ND		4.8	0.44	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzaldehyde	ND		4.8	0.25	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		09/27/12 06:43	09/28/12 17:38	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/27/12 06:43	09/28/12 17:38	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		09/27/12 06:43	09/28/12 17:38	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/27/12 06:43	09/28/12 17:38	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/27/12 06:43	09/28/12 17:38	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/27/12 06:43	09/28/12 17:38	1
Caprolactam	ND		4.8	2.1	ug/L		09/27/12 06:43	09/28/12 17:38	1
Carbazole	ND		4.8	0.29	ug/L		09/27/12 06:43	09/28/12 17:38	1
Chrysene	ND		4.8	0.32	ug/L		09/27/12 06:43	09/28/12 17:38	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/27/12 06:43	09/28/12 17:38	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/27/12 06:43	09/28/12 17:38	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/27/12 06:43	09/28/12 17:38	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/27/12 06:43	09/28/12 17:38	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/27/12 06:43	09/28/12 17:38	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/27/12 06:43	09/28/12 17:38	1
Fluoranthene	ND		4.8	0.38	ug/L		09/27/12 06:43	09/28/12 17:38	1
Fluorene	ND		4.8	0.34	ug/L		09/27/12 06:43	09/28/12 17:38	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/27/12 06:43	09/28/12 17:38	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/27/12 06:43	09/28/12 17:38	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/27/12 06:43	09/28/12 17:38	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/27/12 06:43	09/28/12 17:38	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/27/12 06:43	09/28/12 17:38	1
Isophorone	ND		4.8	0.41	ug/L		09/27/12 06:43	09/28/12 17:38	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/27/12 06:43	09/28/12 17:38	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		09/27/12 06:43	09/28/12 17:38	1
Naphthalene	ND		4.8	0.73	ug/L		09/27/12 06:43	09/28/12 17:38	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/27/12 06:43	09/28/12 17:38	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/27/12 06:43	09/28/12 17:38	1
Phenanthrene	ND		4.8	0.42	ug/L		09/27/12 06:43	09/28/12 17:38	1
Phenol	ND		4.8	0.37	ug/L		09/27/12 06:43	09/28/12 17:38	1
Pyrene	ND		4.8	0.32	ug/L		09/27/12 06:43	09/28/12 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*52 - 132*	*09/27/12 06:43*	*09/28/12 17:38*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*09/27/12 06:43*	*09/28/12 17:38*	*1*
2-Fluorophenol	*36*		*20 - 120*	*09/27/12 06:43*	*09/28/12 17:38*	*1*

Client Sample ID: DEP-MW-WG-8
Date Collected: 09/20/12 16:20
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-7
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	*76*		*46 - 120*	*09/27/12 06:43*	*09/28/12 17:38*	*1*
p-Terphenyl-d14	*53*	*X*	*67 - 150*	*09/27/12 06:43*	*09/28/12 17:38*	*1*
Phenol-d5	*26*		*16 - 120*	*09/27/12 06:43*	*09/28/12 17:38*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:30	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*69*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:30*	*1*
DCB Decachlorobiphenyl	*65*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:30*	*1*
Tetrachloro-m-xylene	*103*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:30*	*1*
Tetrachloro-m-xylene	*100*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:30*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.19**	**J**	0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:22	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:22	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:22	1
Barium	**0.092**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:22	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:22	1
Cadmium	**0.0012**		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:22	1
Calcium	**31**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:22	1
Chromium	**0.0013**	**J**	0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:22	1
Cobalt	**0.00071**	**J**	0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:22	1
Copper	**0.0035**	**J**	0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:22	1
Iron	**2.3**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:22	1
Lead	**0.0055**		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:22	1
Magnesium	**10**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:22	1
Manganese	**0.71**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:22	1
Nickel	**0.0022**	**J**	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:22	1
Potassium	**35**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:22	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:22	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:22	1
Sodium	**190**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:22	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:22	1
Vanadium	**0.0043**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:22	1
Zinc	**0.052**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:22	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 20:01	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 20:01	1

Client Sample ID: DEP-MW-WG-8

Lab Sample ID: 480-25511-7

Date Collected: 09/20/12 16:20

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 20:01	1
Barium	**0.063**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 20:01	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 20:01	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 20:01	1
Calcium	**30**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:01	1
Chromium	**0.0011**	**J**	0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 20:01	1
Cobalt	**0.00074**	**J**	0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 20:01	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 20:01	1
Iron	**0.037**	**J B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 20:01	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 20:01	1
Magnesium	**10**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 20:01	1
Manganese	**0.70**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 20:01	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 20:01	1
Potassium	**35**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:01	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 20:01	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 20:01	1
Sodium	**190**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 20:01	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 20:01	1
Vanadium	**0.0029**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 20:01	1
Zinc	**0.0074**	**J B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 20:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:29	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND	H	0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:11	1

Client Sample ID: DEP-MW-WG-9

Lab Sample ID: 480-25511-8

Date Collected: 09/20/12 17:45

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 06:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 06:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 06:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 06:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 06:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 06:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 06:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 06:14	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-9
Date Collected: 09/20/12 17:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 06:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 06:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 06:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 06:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 06:14	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 06:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 06:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 06:14	1
Acetone	ND		10	3.0	ug/L			09/27/12 06:14	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 06:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 06:14	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 06:14	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 06:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 06:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 06:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 06:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 06:14	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 06:14	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 06:14	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 06:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 06:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 06:14	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 06:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 06:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 06:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 06:14	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 06:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 06:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 06:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 06:14	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 06:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 06:14	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 06:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 06:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 06:14	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 06:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 06:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 06:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/27/12 06:14*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*09/27/12 06:14*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*09/27/12 06:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.7	0.62	ug/L		09/26/12 14:31	09/27/12 20:26	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		09/26/12 14:31	09/27/12 20:26	1

Client Sample ID: DEP-MW-WG-9
Date Collected: 09/20/12 17:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-8
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		09/26/12 14:31	09/27/12 20:26	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Methylphenol	ND		4.7	0.38	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/26/12 14:31	09/27/12 20:26	1
2-Nitrophenol	ND		4.7	0.45	ug/L		09/26/12 14:31	09/27/12 20:26	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		09/26/12 14:31	09/27/12 20:26	1
3-Nitroaniline	ND		9.5	0.45	ug/L		09/26/12 14:31	09/27/12 20:26	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Chloroaniline	ND		4.7	0.56	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/26/12 14:31	09/27/12 20:26	1
4-Nitrophenol	ND		9.5	1.4	ug/L		09/26/12 14:31	09/27/12 20:26	1
Acenaphthene	ND		4.7	0.39	ug/L		09/26/12 14:31	09/27/12 20:26	1
Acenaphthylene	ND		4.7	0.36	ug/L		09/26/12 14:31	09/27/12 20:26	1
Acetophenone	ND		4.7	0.51	ug/L		09/26/12 14:31	09/27/12 20:26	1
Anthracene	ND		4.7	0.27	ug/L		09/26/12 14:31	09/27/12 20:26	1
Atrazine	ND		4.7	0.44	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzaldehyde	ND		4.7	0.25	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		09/26/12 14:31	09/27/12 20:26	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		09/26/12 14:31	09/27/12 20:26	1
Bis(2-chloroethoxy)methane	ND	*	4.7	0.33	ug/L		09/26/12 14:31	09/27/12 20:26	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		09/26/12 14:31	09/27/12 20:26	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		09/26/12 14:31	09/27/12 20:26	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		09/26/12 14:31	09/27/12 20:26	1
Caprolactam	ND		4.7	2.1	ug/L		09/26/12 14:31	09/27/12 20:26	1
Carbazole	ND		4.7	0.28	ug/L		09/26/12 14:31	09/27/12 20:26	1
Chrysene	ND		4.7	0.31	ug/L		09/26/12 14:31	09/27/12 20:26	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		09/26/12 14:31	09/27/12 20:26	1
Di-n-octyl phthalate	**3.0**	**J B**	4.7	0.44	ug/L		09/26/12 14:31	09/27/12 20:26	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		09/26/12 14:31	09/27/12 20:26	1
Dibenzofuran	ND		9.5	0.48	ug/L		09/26/12 14:31	09/27/12 20:26	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/26/12 14:31	09/27/12 20:26	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/26/12 14:31	09/27/12 20:26	1
Fluoranthene	ND		4.7	0.38	ug/L		09/26/12 14:31	09/27/12 20:26	1
Fluorene	ND		4.7	0.34	ug/L		09/26/12 14:31	09/27/12 20:26	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		09/26/12 14:31	09/27/12 20:26	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/26/12 14:31	09/27/12 20:26	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		09/26/12 14:31	09/27/12 20:26	1
Hexachloroethane	ND		4.7	0.56	ug/L		09/26/12 14:31	09/27/12 20:26	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-9
Date Collected: 09/20/12 17:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-8
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		09/26/12 14:31	09/27/12 20:26	1
Isophorone	ND		4.7	0.41	ug/L		09/26/12 14:31	09/27/12 20:26	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		09/26/12 14:31	09/27/12 20:26	1
N-Nitrosodiphenylamine	ND	*	4.7	0.48	ug/L		09/26/12 14:31	09/27/12 20:26	1
Naphthalene	ND		4.7	0.72	ug/L		09/26/12 14:31	09/27/12 20:26	1
Nitrobenzene	ND		4.7	0.27	ug/L		09/26/12 14:31	09/27/12 20:26	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:26	1
Phenanthrene	ND		4.7	0.42	ug/L		09/26/12 14:31	09/27/12 20:26	1
Phenol	ND		4.7	0.37	ug/L		09/26/12 14:31	09/27/12 20:26	1
Pyrene	ND		4.7	0.32	ug/L		09/26/12 14:31	09/27/12 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*52 - 132*	*09/26/12 14:31*	*09/27/12 20:26*	*1*
2-Fluorobiphenyl	*85*		*48 - 120*	*09/26/12 14:31*	*09/27/12 20:26*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/26/12 14:31*	*09/27/12 20:26*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*09/26/12 14:31*	*09/27/12 20:26*	*1*
p-Terphenyl-d14	*67*		*67 - 150*	*09/26/12 14:31*	*09/27/12 20:26*	*1*
Phenol-d5	*32*		*16 - 120*	*09/26/12 14:31*	*09/27/12 20:26*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1221	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1232	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1242	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1248	ND		0.47	0.17	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1254	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1260	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1262	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 20:44	1
PCB-1268	ND		0.47	0.24	ug/L		09/26/12 07:01	09/26/12 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:44*	*1*
DCB Decachlorobiphenyl	*99*		*19 - 126*	*09/26/12 07:01*	*09/26/12 20:44*	*1*
Tetrachloro-m-xylene	*101*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:44*	*1*
Tetrachloro-m-xylene	*99*		*23 - 127*	*09/26/12 07:01*	*09/26/12 20:44*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.094**	**J**	0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:24	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:24	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:24	1
Barium	**0.21**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:24	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:24	1
Cadmium	**0.00056**	**J**	0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:24	1
Calcium	**140**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:24	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:24	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:24	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:24	1
Iron	**4.1**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:24	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:24	1
Magnesium	**12**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:24	1

Client Sample ID: DEP-MW-WG-9
Date Collected: 09/20/12 17:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-8
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.41	B	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:24	1
Nickel	0.0018	J	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:24	1
Potassium	22		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:24	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:24	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:24	1
Sodium	110		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:24	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:24	1
Vanadium	0.0030	J	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:24	1
Zinc	0.042	B	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:24	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 20:03	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 20:03	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 20:03	1
Barium	0.14	B	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 20:03	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 20:03	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 20:03	1
Calcium	140	B	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:03	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 20:03	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 20:03	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 20:03	1
Iron	ND		0.050	0.019	mg/L		09/25/12 09:55	09/26/12 20:03	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 20:03	1
Magnesium	12		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 20:03	1
Manganese	0.40	B	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 20:03	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 20:03	1
Potassium	21		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:03	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 20:03	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 20:03	1
Sodium	110		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 20:03	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 20:03	1
Vanadium	0.0020	J	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 20:03	1
Zinc	0.0074	J B	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 20:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:31	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.012		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:44	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.012	H	0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:12	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-11
Date Collected: 09/21/12 13:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 06:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 06:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 06:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 06:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 06:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 06:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 06:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 06:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 06:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 06:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 06:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 06:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 06:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 06:39	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 06:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 06:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 06:39	1
Acetone	**4.2**	**J**	10	3.0	ug/L			09/27/12 06:39	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 06:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 06:39	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 06:39	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 06:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 06:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 06:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 06:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 06:39	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 06:39	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 06:39	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 06:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 06:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 06:39	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 06:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 06:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 06:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 06:39	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 06:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 06:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 06:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 06:39	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 06:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 06:39	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 06:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 06:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 06:39	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 06:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 06:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 06:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/27/12 06:39*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-11
Date Collected: 09/21/12 13:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*71 - 126*		*09/27/12 06:39*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/27/12 06:39*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		09/26/12 14:31	09/27/12 20:49	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 20:49	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Chlorophenol	ND		4.8	0.50	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/26/12 14:31	09/27/12 20:49	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:31	09/27/12 20:49	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 20:49	1
3-Nitroaniline	ND		9.5	0.46	ug/L		09/26/12 14:31	09/27/12 20:49	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/26/12 14:31	09/27/12 20:49	1
4-Nitrophenol	ND		9.5	1.4	ug/L		09/26/12 14:31	09/27/12 20:49	1
Acenaphthene	ND		4.8	0.39	ug/L		09/26/12 14:31	09/27/12 20:49	1
Acenaphthylene	ND		4.8	0.36	ug/L		09/26/12 14:31	09/27/12 20:49	1
Acetophenone	ND		4.8	0.51	ug/L		09/26/12 14:31	09/27/12 20:49	1
Anthracene	**0.89**	**J**	4.8	0.27	ug/L		09/26/12 14:31	09/27/12 20:49	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzaldehyde	ND		4.8	0.25	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzo(a)anthracene	**0.79**	**J**	4.8	0.34	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzo(a)pyrene	**0.88**	**J**	4.8	0.45	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzo(b)fluoranthene	**1.2**	**J**	4.8	0.32	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzo(g,h,i)perylene	**0.63**	**J**	4.8	0.33	ug/L		09/26/12 14:31	09/27/12 20:49	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:31	09/27/12 20:49	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.33	ug/L		09/26/12 14:31	09/27/12 20:49	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 20:49	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:31	09/27/12 20:49	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:31	09/27/12 20:49	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:31	09/27/12 20:49	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:31	09/27/12 20:49	1
Chrysene	**1.2**	**J**	4.8	0.31	ug/L		09/26/12 14:31	09/27/12 20:49	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:31	09/27/12 20:49	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:31	09/27/12 20:49	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:31	09/27/12 20:49	1

Client Sample ID: DEP-MW-WG-11
Date Collected: 09/21/12 13:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-9
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		9.5	0.49	ug/L		09/26/12 14:31	09/27/12 20:49	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:31	09/27/12 20:49	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/26/12 14:31	09/27/12 20:49	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 20:49	1
Fluorene	ND		4.8	0.34	ug/L		09/26/12 14:31	09/27/12 20:49	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:31	09/27/12 20:49	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:31	09/27/12 20:49	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/26/12 14:31	09/27/12 20:49	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/26/12 14:31	09/27/12 20:49	1
Indeno(1,2,3-cd)pyrene	**0.55**	**J**	4.8	0.45	ug/L		09/26/12 14:31	09/27/12 20:49	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:31	09/27/12 20:49	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		09/26/12 14:31	09/27/12 20:49	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:31	09/27/12 20:49	1
Naphthalene	ND		4.8	0.72	ug/L		09/26/12 14:31	09/27/12 20:49	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:31	09/27/12 20:49	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/26/12 14:31	09/27/12 20:49	1
Phenanthrene	**0.93**	**J**	4.8	0.42	ug/L		09/26/12 14:31	09/27/12 20:49	1
Phenol	ND		4.8	0.37	ug/L		09/26/12 14:31	09/27/12 20:49	1
Pyrene	**1.7**	**J**	4.8	0.32	ug/L		09/26/12 14:31	09/27/12 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 132*	*09/26/12 14:31*	*09/27/12 20:49*	*1*
2-Fluorobiphenyl	*92*		*48 - 120*	*09/26/12 14:31*	*09/27/12 20:49*	*1*
2-Fluorophenol	*48*		*20 - 120*	*09/26/12 14:31*	*09/27/12 20:49*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*09/26/12 14:31*	*09/27/12 20:49*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*09/26/12 14:31*	*09/27/12 20:49*	*1*
Phenol-d5	*34*		*16 - 120*	*09/26/12 14:31*	*09/27/12 20:49*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:29	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:29*	*1*
DCB Decachlorobiphenyl	*55*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:29*	*1*
Tetrachloro-m-xylene	*101*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:29*	*1*
Tetrachloro-m-xylene	*109*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:29*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.25**		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:26	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:26	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:26	1
Barium	**0.025**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:26	1

Client Sample ID: DEP-MW-WG-11
Date Collected: 09/21/12 13:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-9
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:26	1
Cadmium	**0.0010**		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:26	1
Calcium	**14**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:26	1
Chromium	**0.0012**	**J**	0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:26	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:26	1
Copper	**0.013**		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:26	1
Iron	**1.1**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:26	1
Lead	**0.0089**		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:26	1
Magnesium	**1.1**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:26	1
Manganese	**0.035**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:26	1
Nickel	**0.0016**	**J**	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:26	1
Potassium	**12**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:26	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:26	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:26	1
Sodium	**10**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:26	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:26	1
Vanadium	**0.0022**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:26	1
Zinc	**0.071**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:26	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.060**	**J B**	0.20	0.060	mg/L		09/25/12 09:55	09/26/12 20:05	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 20:05	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 20:05	1
Barium	**0.021**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 20:05	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 20:05	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 20:05	1
Calcium	**14**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:05	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 20:05	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 20:05	1
Copper	**0.0048**	**J**	0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 20:05	1
Iron	**0.52**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 20:05	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 20:05	1
Magnesium	**0.99**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 20:05	1
Manganese	**0.032**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 20:05	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 20:05	1
Potassium	**12**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:05	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 20:05	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 20:05	1
Sodium	**10**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 20:05	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 20:05	1
Vanadium	**0.0026**	**J**	0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 20:05	1
Zinc	**0.017**	**B**	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 20:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:33	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:59	1

Client Sample ID: DEP-MW-WG-11

Lab Sample ID: 480-25511-9

Date Collected: 09/21/12 13:00

Matrix: Water

Date Received: 09/22/12 09:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:13	1

Client Sample ID: DEP-MW-WG-12

Lab Sample ID: 480-25511-10

Date Collected: 09/21/12 13:45

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 07:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 07:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 07:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 07:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 07:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 07:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 07:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 07:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 07:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 07:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 07:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 07:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 07:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 07:04	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 07:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 07:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 07:04	1
Acetone	ND		10	3.0	ug/L			09/27/12 07:04	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 07:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 07:04	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 07:04	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 07:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 07:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 07:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 07:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 07:04	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 07:04	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 07:04	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 07:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 07:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 07:04	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 07:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 07:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 07:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 07:04	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 07:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 07:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 07:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 07:04	1

Client Sample ID: DEP-MW-WG-12
Date Collected: 09/21/12 13:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			09/27/12 07:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 07:04	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 07:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 07:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 07:04	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 07:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 07:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 07:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/27/12 07:04*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*09/27/12 07:04*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*09/27/12 07:04*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		09/26/12 14:31	09/27/12 21:13	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 21:13	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Chlorophenol	ND		4.8	0.51	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Nitroaniline	ND		9.6	0.40	ug/L		09/26/12 14:31	09/27/12 21:13	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/26/12 14:31	09/27/12 21:13	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
3-Nitroaniline	ND		9.6	0.46	ug/L		09/26/12 14:31	09/27/12 21:13	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Chloroaniline	ND		4.8	0.57	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Methylphenol	ND		9.6	0.35	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Nitroaniline	ND		9.6	0.24	ug/L		09/26/12 14:31	09/27/12 21:13	1
4-Nitrophenol	ND		9.6	1.5	ug/L		09/26/12 14:31	09/27/12 21:13	1
Acenaphthene	ND		4.8	0.39	ug/L		09/26/12 14:31	09/27/12 21:13	1
Acenaphthylene	ND		4.8	0.37	ug/L		09/26/12 14:31	09/27/12 21:13	1
Acetophenone	ND		4.8	0.52	ug/L		09/26/12 14:31	09/27/12 21:13	1
Anthracene	ND		4.8	0.27	ug/L		09/26/12 14:31	09/27/12 21:13	1
Atrazine	ND		4.8	0.44	ug/L		09/26/12 14:31	09/27/12 21:13	1
Benzaldehyde	ND		4.8	0.26	ug/L		09/26/12 14:31	09/27/12 21:13	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		09/26/12 14:31	09/27/12 21:13	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:31	09/27/12 21:13	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		09/26/12 14:31	09/27/12 21:13	1

Client Sample ID: DEP-MW-WG-12
Date Collected: 09/21/12 13:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-10
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		09/26/12 14:31	09/27/12 21:13	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		09/26/12 14:31	09/27/12 21:13	1
Bis(2-chloroethoxy)methane	ND	*	4.8	0.34	ug/L		09/26/12 14:31	09/27/12 21:13	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/26/12 14:31	09/27/12 21:13	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		09/26/12 14:31	09/27/12 21:13	1
Caprolactam	ND		4.8	2.1	ug/L		09/26/12 14:31	09/27/12 21:13	1
Carbazole	ND		4.8	0.29	ug/L		09/26/12 14:31	09/27/12 21:13	1
Chrysene	ND		4.8	0.32	ug/L		09/26/12 14:31	09/27/12 21:13	1
Di-n-butyl phthalate	ND		4.8	0.30	ug/L		09/26/12 14:31	09/27/12 21:13	1
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		09/26/12 14:31	09/27/12 21:13	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		09/26/12 14:31	09/27/12 21:13	1
Dibenzofuran	ND		9.6	0.49	ug/L		09/26/12 14:31	09/27/12 21:13	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/26/12 14:31	09/27/12 21:13	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		09/26/12 14:31	09/27/12 21:13	1
Fluoranthene	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
Fluorene	ND		4.8	0.35	ug/L		09/26/12 14:31	09/27/12 21:13	1
Hexachlorobenzene	ND		4.8	0.49	ug/L		09/26/12 14:31	09/27/12 21:13	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/26/12 14:31	09/27/12 21:13	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		09/26/12 14:31	09/27/12 21:13	1
Hexachloroethane	ND		4.8	0.57	ug/L		09/26/12 14:31	09/27/12 21:13	1
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L		09/26/12 14:31	09/27/12 21:13	1
Isophorone	ND		4.8	0.41	ug/L		09/26/12 14:31	09/27/12 21:13	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		09/26/12 14:31	09/27/12 21:13	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/26/12 14:31	09/27/12 21:13	1
Naphthalene	ND		4.8	0.73	ug/L		09/26/12 14:31	09/27/12 21:13	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/26/12 14:31	09/27/12 21:13	1
Pentachlorophenol	ND		9.6	2.1	ug/L		09/26/12 14:31	09/27/12 21:13	1
Phenanthrene	ND		4.8	0.42	ug/L		09/26/12 14:31	09/27/12 21:13	1
Phenol	ND		4.8	0.38	ug/L		09/26/12 14:31	09/27/12 21:13	1
Pyrene	ND		4.8	0.33	ug/L		09/26/12 14:31	09/27/12 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*52 - 132*	*09/26/12 14:31*	*09/27/12 21:13*	*1*
2-Fluorobiphenyl	*80*		*48 - 120*	*09/26/12 14:31*	*09/27/12 21:13*	*1*
2-Fluorophenol	*41*		*20 - 120*	*09/26/12 14:31*	*09/27/12 21:13*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*09/26/12 14:31*	*09/27/12 21:13*	*1*
p-Terphenyl-d14	*67*		*67 - 150*	*09/26/12 14:31*	*09/27/12 21:13*	*1*
Phenol-d5	*30*		*16 - 120*	*09/26/12 14:31*	*09/27/12 21:13*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:44	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:44	1

Client Sample ID: DEP-MW-WG-12
Date Collected: 09/21/12 13:45
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-10
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:44*	*1*
DCB Decachlorobiphenyl	*102*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:44*	*1*
Tetrachloro-m-xylene	*98*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:44*	*1*
Tetrachloro-m-xylene	*97*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:44*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 17:29	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 17:29	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 17:29	1
Barium	**0.28**		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 17:29	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 17:29	1
Cadmium	**0.0011**		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 17:29	1
Calcium	**180**	**B**	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:29	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 17:29	1
Cobalt	**0.0011**	**J**	0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 17:29	1
Copper	**0.0097**	**J**	0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 17:29	1
Iron	**1.4**		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 17:29	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 17:29	1
Magnesium	**16**		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 17:29	1
Manganese	**0.42**	**B**	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 17:29	1
Nickel	**0.0046**	**J**	0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 17:29	1
Potassium	**14**		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 17:29	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 17:29	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 17:29	1
Sodium	**140**		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 17:29	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 17:29	1
Vanadium	**0.0015**	**J**	0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 17:29	1
Zinc	**0.55**	**B**	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 17:29	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 09:55	09/26/12 20:07	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/26/12 20:07	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/26/12 20:07	1
Barium	**0.28**	**B**	0.0020	0.00070	mg/L		09/25/12 09:55	09/26/12 20:07	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/26/12 20:07	1
Cadmium	**0.00092**	**J**	0.0010	0.00050	mg/L		09/25/12 09:55	09/26/12 20:07	1
Calcium	**160**	**B**	0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:07	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/26/12 20:07	1
Cobalt	**0.00082**	**J**	0.0040	0.00063	mg/L		09/25/12 09:55	09/26/12 20:07	1
Copper	**0.0070**	**J**	0.010	0.0016	mg/L		09/25/12 09:55	09/26/12 20:07	1
Iron	**0.11**	**B**	0.050	0.019	mg/L		09/25/12 09:55	09/26/12 20:07	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/26/12 20:07	1
Magnesium	**16**		0.20	0.043	mg/L		09/25/12 09:55	09/26/12 20:07	1
Manganese	**0.42**	**B**	0.0030	0.00040	mg/L		09/25/12 09:55	09/26/12 20:07	1
Nickel	**0.0040**	**J**	0.010	0.0013	mg/L		09/25/12 09:55	09/26/12 20:07	1
Potassium	**13**		0.50	0.10	mg/L		09/25/12 09:55	09/26/12 20:07	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/26/12 20:07	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/26/12 20:07	1
Sodium	**140**		1.0	0.32	mg/L		09/25/12 09:55	09/26/12 20:07	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/26/12 20:07	1

Client Sample ID: DEP-MW-WG-12

Lab Sample ID: 480-25511-10

Date Collected: 09/21/12 13:45

Matrix: Water

Date Received: 09/22/12 09:15

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		09/25/12 09:55	09/26/12 20:07	1
Zinc	0.50	B	0.010	0.0015	mg/L		09/25/12 09:55	09/26/12 20:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:34	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:14	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-25511-11

Date Collected: 09/21/12 00:00

Matrix: Water

Date Received: 09/22/12 09:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 07:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 07:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 07:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 07:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 07:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 07:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 07:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 07:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 07:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 07:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 07:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 07:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 07:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 07:29	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 07:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 07:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 07:29	1
Acetone	ND		10	3.0	ug/L			09/27/12 07:29	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 07:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 07:29	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 07:29	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 07:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 07:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 07:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 07:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 07:29	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 07:29	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: TRIP BLANK
Date Collected: 09/21/12 00:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			09/27/12 07:29	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 07:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 07:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 07:29	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 07:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 07:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 07:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 07:29	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 07:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 07:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 07:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 07:29	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 07:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 07:29	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 07:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 07:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 07:29	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 07:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 07:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 07:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*09/27/12 07:29*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*09/27/12 07:29*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*09/27/12 07:29*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25511-1	NS-MW-WG-1	95	88	82
480-25511-2	NS-MW-WG-2	95	89	84
480-25511-3	NS-MW-WG-4	94	88	82
480-25511-4	NS-MW-WG-5	97	87	81
480-25511-4 MS	NS-MW-WG-5	91	87	85
480-25511-4 MSD	NS-MW-WG-5	93	88	87
480-25511-5	NS-MW-WG-6	96	86	82
480-25511-6	NS-MW-WG-7	95	87	80
480-25511-6 - DL	NS-MW-WG-7	95	87	80
480-25511-7	DEP-MW-WG-8	95	88	82
480-25511-8	DEP-MW-WG-9	96	88	80
480-25511-9	DEP-MW-WG-11	96	88	82
480-25511-10	DEP-MW-WG-12	96	88	82
480-25511-11	TRIP BLANK	96	89	83
LCS 480-82440/5	Lab Control Sample	91	88	86
LCS 480-82542/4	Lab Control Sample	87	90	85
MB 480-82440/6	Method Blank	94	90	85
MB 480-82542/5	Method Blank	94	90	83

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25511-1	NS-MW-WG-1	109	95	46	94	60 X	33
480-25511-2	NS-MW-WG-2	94	86	44	86	51 X	31
480-25511-3	NS-MW-WG-4	94	87	43	86	55 X	31
480-25511-4	NS-MW-WG-5	93	85	42	81	48 X	31
480-25511-4 MS	NS-MW-WG-5	100	97	52	90	96	37
480-25511-4 MSD	NS-MW-WG-5	99	97	47	90	89	34
480-25511-5	NS-MW-WG-6	100	86	41	80	48 X	32
480-25511-6	NS-MW-WG-7	99	92	46	87	72	33
480-25511-7	DEP-MW-WG-8	89	76	36	76	53 X	26
480-25511-8	DEP-MW-WG-9	97	85	45	86	67	32
480-25511-9	DEP-MW-WG-11	101	92	48	91	84	34
480-25511-10	DEP-MW-WG-12	91	80	41	79	67	30
LCS 480-82385/2-A	Lab Control Sample	100	98	58	92	112	43
LCS 480-82476/2-A	Lab Control Sample	96	94	52	91	116	38
LCSD 480-82476/3-A	Lab Control Sample Dup	86	84	45	79	101	32
MB 480-82385/1-A	Method Blank	101	88	51	90	99	37
MB 480-82476/1-A	Method Blank	88	83	45	81	86	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(19-126)	(19-126)	(23-127)	(23-127)
480-25511-1	NS-MW-WG-1	95	90	93	93
480-25511-2	NS-MW-WG-2	75	71	82	82
480-25511-3	NS-MW-WG-4	62	60	96	95
480-25511-4	NS-MW-WG-5	90	85	92	90
480-25511-4 MS	NS-MW-WG-5	59	56	97	89
480-25511-4 MSD	NS-MW-WG-5	80	75	106	95
480-25511-5	NS-MW-WG-6	49	47	91	90
480-25511-6	NS-MW-WG-7	77	73	92	91
480-25511-7	DEP-MW-WG-8	69	65	103	100
480-25511-8	DEP-MW-WG-9	106	99	101	99
480-25511-9	DEP-MW-WG-11	58	55	101	109
480-25511-10	DEP-MW-WG-12	110	102	98	97
LCS 480-82258/2-A	Lab Control Sample	55	53	99	91
MB 480-82258/1-A	Method Blank	63	59	90	93

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-82440/6
Matrix: Water
Analysis Batch: 82440

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 00:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 00:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 00:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 00:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 00:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 00:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 00:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 00:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 00:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 00:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 00:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 00:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 00:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 00:32	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 00:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 00:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 00:32	1
Acetone	ND		10	3.0	ug/L			09/27/12 00:32	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 00:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 00:32	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 00:32	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 00:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 00:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 00:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 00:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 00:32	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 00:32	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 00:32	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 00:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 00:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 00:32	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 00:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 00:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 00:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 00:32	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 00:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 00:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 00:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 00:32	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 00:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 00:32	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 00:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 00:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 00:32	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 00:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 00:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 00:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 00:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82440/6
Matrix: Water
Analysis Batch: 82440

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137		09/27/12 00:32	1
Toluene-d8 (Surr)	90		71 - 126		09/27/12 00:32	1
4-Bromofluorobenzene (Surr)	85		73 - 120		09/27/12 00:32	1

Lab Sample ID: LCS 480-82440/5
Matrix: Water
Analysis Batch: 82440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane			25.0	22.0		ug/L		88	71 - 129		
1,1-Dichloroethene			25.0	17.9		ug/L		72	58 - 121		
1,2-Dichlorobenzene			25.0	22.4		ug/L		89	80 - 124		
1,2-Dichloroethane			25.0	21.8		ug/L		87	75 - 127		
Benzene			25.0	22.9		ug/L		91	71 - 124		
Chlorobenzene			25.0	23.1		ug/L		92	72 - 120		
cis-1,2-Dichloroethene			25.0	21.9		ug/L		88	74 - 124		
Ethylbenzene			25.0	21.3		ug/L		85	77 - 123		
Methyl tert-butyl ether			25.0	19.1		ug/L		76	64 - 127		
Tetrachloroethene			25.0	22.4		ug/L		90	74 - 122		
Toluene			25.0	22.4		ug/L		90	80 - 122		
trans-1,2-Dichloroethene			25.0	23.5		ug/L		94	73 - 127		
Trichloroethene			25.0	22.0		ug/L		88	74 - 123		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137
Toluene-d8 (Surr)	88		71 - 126
4-Bromofluorobenzene (Surr)	86		73 - 120

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82440

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	71 - 129		
1,1-Dichloroethene	ND		25.0	21.5		ug/L		86	58 - 121		
1,2-Dichlorobenzene	ND		25.0	23.8		ug/L		95	80 - 124		
1,2-Dichloroethane	ND		25.0	24.4		ug/L		98	75 - 127		
Benzene	ND		25.0	26.3		ug/L		105	71 - 124		
Chlorobenzene	ND		25.0	26.1		ug/L		105	72 - 120		
cis-1,2-Dichloroethene	ND		25.0	24.9		ug/L		100	74 - 124		
Ethylbenzene	ND		25.0	24.8		ug/L		99	77 - 123		
Methyl tert-butyl ether	0.34	J	25.0	20.8		ug/L		82	64 - 127		
Tetrachloroethene	ND		25.0	26.1		ug/L		104	74 - 122		
Toluene	ND		25.0	25.6		ug/L		102	80 - 122		
trans-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	73 - 127		
Trichloroethene	ND		25.0	25.8		ug/L		103	74 - 123		

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		66 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82440

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*87*		*71 - 126*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 82440

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	20.3		ug/L		81	58 - 121	6	16
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	24.5		ug/L		98	75 - 127	0	20
Benzene	ND		25.0	26.6		ug/L		107	71 - 124	1	13
Chlorobenzene	ND		25.0	26.8		ug/L		107	72 - 120	3	25
cis-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	74 - 124	0	15
Ethylbenzene	ND		25.0	25.5		ug/L		102	77 - 123	3	15
Methyl tert-butyl ether	0.34	J	25.0	21.3		ug/L		84	64 - 127	2	37
Tetrachloroethene	ND		25.0	26.5		ug/L		106	74 - 122	2	20
Toluene	ND		25.0	26.0		ug/L		104	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	73 - 127	1	20
Trichloroethene	ND		25.0	26.4		ug/L		106	74 - 123	3	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*
Toluene-d8 (Surr)	*88*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: MB 480-82542/5
Matrix: Water
Analysis Batch: 82542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/27/12 12:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/27/12 12:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/27/12 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/27/12 12:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/27/12 12:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/27/12 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/27/12 12:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/27/12 12:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/27/12 12:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/27/12 12:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/27/12 12:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/27/12 12:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/27/12 12:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/27/12 12:39	1
2-Hexanone	ND		5.0	1.2	ug/L			09/27/12 12:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/27/12 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/27/12 12:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82542/5
Matrix: Water
Analysis Batch: 82542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			09/27/12 12:39	1
Benzene	ND		1.0	0.41	ug/L			09/27/12 12:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/27/12 12:39	1
Bromoform	ND		1.0	0.26	ug/L			09/27/12 12:39	1
Bromomethane	ND		1.0	0.69	ug/L			09/27/12 12:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/27/12 12:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/27/12 12:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/27/12 12:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/27/12 12:39	1
Chloroethane	ND		1.0	0.32	ug/L			09/27/12 12:39	1
Chloroform	ND		1.0	0.34	ug/L			09/27/12 12:39	1
Chloromethane	ND		1.0	0.35	ug/L			09/27/12 12:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/27/12 12:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/27/12 12:39	1
Cyclohexane	ND		1.0	0.18	ug/L			09/27/12 12:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/27/12 12:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/27/12 12:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/27/12 12:39	1
Methyl acetate	ND		1.0	0.50	ug/L			09/27/12 12:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/27/12 12:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/27/12 12:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/27/12 12:39	1
Styrene	ND		1.0	0.73	ug/L			09/27/12 12:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/27/12 12:39	1
Toluene	ND		1.0	0.51	ug/L			09/27/12 12:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/27/12 12:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/27/12 12:39	1
Trichloroethene	ND		1.0	0.46	ug/L			09/27/12 12:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/27/12 12:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/27/12 12:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/27/12 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*09/27/12 12:39*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*09/27/12 12:39*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*09/27/12 12:39*	*1*

Lab Sample ID: LCS 480-82542/4
Matrix: Water
Analysis Batch: 82542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.6		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	25.8		ug/L		103	58 - 121
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		93	75 - 127
Benzene	25.0	25.7		ug/L		103	71 - 124
Chlorobenzene	25.0	24.3		ug/L		97	72 - 120
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-82542/4
Matrix: Water
Analysis Batch: 82542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methyl tert-butyl ether	25.0	21.4		ug/L		86	64 - 127
Tetrachloroethene	25.0	24.8		ug/L		99	74 - 122
Toluene	25.0	24.6		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	26.1		ug/L		104	73 - 127
Trichloroethene	25.0	24.7		ug/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*
Toluene-d8 (Surr)	*90*		*71 - 126*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-82385/1-A
Matrix: Water
Analysis Batch: 82539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/26/12 14:27	09/27/12 12:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/26/12 14:27	09/27/12 12:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Nitroaniline	ND		10	0.42	ug/L		09/26/12 14:27	09/27/12 12:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/26/12 14:27	09/27/12 12:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/26/12 14:27	09/27/12 12:36	1
3-Nitroaniline	ND		10	0.48	ug/L		09/26/12 14:27	09/27/12 12:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Methylphenol	ND		10	0.36	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Nitroaniline	ND		10	0.25	ug/L		09/26/12 14:27	09/27/12 12:36	1
4-Nitrophenol	ND		10	1.5	ug/L		09/26/12 14:27	09/27/12 12:36	1
Acenaphthene	ND		5.0	0.41	ug/L		09/26/12 14:27	09/27/12 12:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/26/12 14:27	09/27/12 12:36	1
Acetophenone	ND		5.0	0.54	ug/L		09/26/12 14:27	09/27/12 12:36	1
Anthracene	ND		5.0	0.28	ug/L		09/26/12 14:27	09/27/12 12:36	1
Atrazine	ND		5.0	0.46	ug/L		09/26/12 14:27	09/27/12 12:36	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82385/1-A
Matrix: Water
Analysis Batch: 82539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		5.0	0.27	ug/L		09/26/12 14:27	09/27/12 12:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/26/12 14:27	09/27/12 12:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/26/12 14:27	09/27/12 12:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/26/12 14:27	09/27/12 12:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/26/12 14:27	09/27/12 12:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/26/12 14:27	09/27/12 12:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/26/12 14:27	09/27/12 12:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/26/12 14:27	09/27/12 12:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		09/26/12 14:27	09/27/12 12:36	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		09/26/12 14:27	09/27/12 12:36	1
Caprolactam	ND		5.0	2.2	ug/L		09/26/12 14:27	09/27/12 12:36	1
Carbazole	ND		5.0	0.30	ug/L		09/26/12 14:27	09/27/12 12:36	1
Chrysene	ND		5.0	0.33	ug/L		09/26/12 14:27	09/27/12 12:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/26/12 14:27	09/27/12 12:36	1
Di-n-octyl phthalate	1.62	J	5.0	0.47	ug/L		09/26/12 14:27	09/27/12 12:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/26/12 14:27	09/27/12 12:36	1
Dibenzofuran	ND		10	0.51	ug/L		09/26/12 14:27	09/27/12 12:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/26/12 14:27	09/27/12 12:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/26/12 14:27	09/27/12 12:36	1
Fluoranthene	ND		5.0	0.40	ug/L		09/26/12 14:27	09/27/12 12:36	1
Fluorene	ND		5.0	0.36	ug/L		09/26/12 14:27	09/27/12 12:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/26/12 14:27	09/27/12 12:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/26/12 14:27	09/27/12 12:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/26/12 14:27	09/27/12 12:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/26/12 14:27	09/27/12 12:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/26/12 14:27	09/27/12 12:36	1
Isophorone	ND		5.0	0.43	ug/L		09/26/12 14:27	09/27/12 12:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/26/12 14:27	09/27/12 12:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/26/12 14:27	09/27/12 12:36	1
Naphthalene	ND		5.0	0.76	ug/L		09/26/12 14:27	09/27/12 12:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/26/12 14:27	09/27/12 12:36	1
Pentachlorophenol	ND		10	2.2	ug/L		09/26/12 14:27	09/27/12 12:36	1
Phenanthrene	ND		5.0	0.44	ug/L		09/26/12 14:27	09/27/12 12:36	1
Phenol	ND		5.0	0.39	ug/L		09/26/12 14:27	09/27/12 12:36	1
Pyrene	ND		5.0	0.34	ug/L		09/26/12 14:27	09/27/12 12:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*52 - 132*	*09/26/12 14:27*	*09/27/12 12:36*	*1*
2-Fluorobiphenyl	*88*		*48 - 120*	*09/26/12 14:27*	*09/27/12 12:36*	*1*
2-Fluorophenol	*51*		*20 - 120*	*09/26/12 14:27*	*09/27/12 12:36*	*1*
Nitrobenzene-d5	*90*		*46 - 120*	*09/26/12 14:27*	*09/27/12 12:36*	*1*
p-Terphenyl-d14	*99*		*67 - 150*	*09/26/12 14:27*	*09/27/12 12:36*	*1*
Phenol-d5	*37*		*16 - 120*	*09/26/12 14:27*	*09/27/12 12:36*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-82385/2-A
Matrix: Water
Analysis Batch: 82539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82385

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-Dinitrotoluene			100	111		ug/L		111	59 - 125		
2-Chlorophenol			100	84.5		ug/L		85	48 - 120		
4-Chloro-3-methylphenol			100	98.0		ug/L		98	64 - 120		
4-Nitrophenol			100	24.6		ug/L		25	16 - 120		
Acenaphthene			100	98.9		ug/L		99	60 - 120		
Bis(2-ethylhexyl) phthalate			100	104		ug/L		104	69 - 136		
Fluorene			100	101		ug/L		101	66 - 129		
Hexachloroethane			100	52.0		ug/L		52	25 - 120		
N-Nitrosodi-n-propylamine			100	94.0		ug/L		94	56 - 120		
Pentachlorophenol			100	91.1		ug/L		91	39 - 136		
Phenol			100	52.6		ug/L		53	17 - 120		
Pyrene			100	104		ug/L		104	58 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 132*
2-Fluorobiphenyl	*98*		*48 - 120*
2-Fluorophenol	*58*		*20 - 120*
Nitrobenzene-d5	*92*		*46 - 120*
p-Terphenyl-d14	*112*		*67 - 150*
Phenol-d5	*43*		*16 - 120*

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82539

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-Dinitrotoluene	ND		95.5	105		ug/L		110	59 - 125		
2-Chlorophenol	ND		95.5	77.5		ug/L		81	48 - 120		
4-Chloro-3-methylphenol	ND		95.5	93.5		ug/L		98	64 - 120		
4-Nitrophenol	ND		95.5	46.8		ug/L		49	16 - 120		
Acenaphthene	0.97	J	95.5	94.4		ug/L		98	60 - 120		
Bis(2-ethylhexyl) phthalate	ND		95.5	96.3		ug/L		101	69 - 136		
Fluorene	ND		95.5	93.2		ug/L		98	66 - 129		
Hexachloroethane	ND		95.5	58.8		ug/L		62	25 - 120		
N-Nitrosodi-n-propylamine	ND		95.5	87.1		ug/L		91	56 - 120		
Pentachlorophenol	ND		95.5	88.4		ug/L		93	39 - 136		
Phenol	ND		95.5	45.5		ug/L		48	17 - 120		
Pyrene	0.36	J	95.5	89.6		ug/L		93	58 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*100*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*52*		*20 - 120*
Nitrobenzene-d5	*90*		*46 - 120*
p-Terphenyl-d14	*96*		*67 - 150*
Phenol-d5	*37*		*16 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 82539

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82385

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		96.6	109		ug/L		112	59 - 125	3	20
2-Chlorophenol	ND		96.6	75.7		ug/L		78	48 - 120	2	25
4-Chloro-3-methylphenol	ND		96.6	96.0		ug/L		99	64 - 120	3	27
4-Nitrophenol	ND		96.6	47.2		ug/L		49	16 - 120	1	48
Acenaphthene	0.97	J	96.6	95.7		ug/L		98	60 - 120	1	24
Bis(2-ethylhexyl) phthalate	ND		96.6	95.7		ug/L		99	69 - 136	1	15
Fluorene	ND		96.6	94.5		ug/L		98	66 - 129	1	15
Hexachloroethane	ND		96.6	55.9		ug/L		58	25 - 120	5	46
N-Nitrosodi-n-propylamine	ND		96.6	85.6		ug/L		89	56 - 120	2	31
Pentachlorophenol	ND		96.6	88.3		ug/L		91	39 - 136	0	37
Phenol	ND		96.6	42.9		ug/L		44	17 - 120	6	34
Pyrene	0.36	J	96.6	95.4		ug/L		98	58 - 136	6	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*99*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*47*		*20 - 120*
Nitrobenzene-d5	*90*		*46 - 120*
p-Terphenyl-d14	*89*		*67 - 150*
Phenol-d5	*34*		*16 - 120*

Lab Sample ID: MB 480-82476/1-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/27/12 06:43	09/28/12 12:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/27/12 06:43	09/28/12 12:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Nitroaniline	ND		10	0.42	ug/L		09/27/12 06:43	09/28/12 12:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/27/12 06:43	09/28/12 12:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/27/12 06:43	09/28/12 12:29	1
3-Nitroaniline	ND		10	0.48	ug/L		09/27/12 06:43	09/28/12 12:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Methylphenol	ND		10	0.36	ug/L		09/27/12 06:43	09/28/12 12:29	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82476/1-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10	0.25	ug/L		09/27/12 06:43	09/28/12 12:29	1
4-Nitrophenol	ND		10	1.5	ug/L		09/27/12 06:43	09/28/12 12:29	1
Acenaphthene	ND		5.0	0.41	ug/L		09/27/12 06:43	09/28/12 12:29	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/27/12 06:43	09/28/12 12:29	1
Acetophenone	ND		5.0	0.54	ug/L		09/27/12 06:43	09/28/12 12:29	1
Anthracene	ND		5.0	0.28	ug/L		09/27/12 06:43	09/28/12 12:29	1
Atrazine	ND		5.0	0.46	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/27/12 06:43	09/28/12 12:29	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/27/12 06:43	09/28/12 12:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/27/12 06:43	09/28/12 12:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/27/12 06:43	09/28/12 12:29	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		09/27/12 06:43	09/28/12 12:29	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		09/27/12 06:43	09/28/12 12:29	1
Caprolactam	ND		5.0	2.2	ug/L		09/27/12 06:43	09/28/12 12:29	1
Carbazole	ND		5.0	0.30	ug/L		09/27/12 06:43	09/28/12 12:29	1
Chrysene	ND		5.0	0.33	ug/L		09/27/12 06:43	09/28/12 12:29	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/27/12 06:43	09/28/12 12:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/27/12 06:43	09/28/12 12:29	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/27/12 06:43	09/28/12 12:29	1
Dibenzofuran	ND		10	0.51	ug/L		09/27/12 06:43	09/28/12 12:29	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/27/12 06:43	09/28/12 12:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/27/12 06:43	09/28/12 12:29	1
Fluoranthene	ND		5.0	0.40	ug/L		09/27/12 06:43	09/28/12 12:29	1
Fluorene	ND		5.0	0.36	ug/L		09/27/12 06:43	09/28/12 12:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/27/12 06:43	09/28/12 12:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/27/12 06:43	09/28/12 12:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/27/12 06:43	09/28/12 12:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/27/12 06:43	09/28/12 12:29	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/27/12 06:43	09/28/12 12:29	1
Isophorone	ND		5.0	0.43	ug/L		09/27/12 06:43	09/28/12 12:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/27/12 06:43	09/28/12 12:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/27/12 06:43	09/28/12 12:29	1
Naphthalene	ND		5.0	0.76	ug/L		09/27/12 06:43	09/28/12 12:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/27/12 06:43	09/28/12 12:29	1
Pentachlorophenol	ND		10	2.2	ug/L		09/27/12 06:43	09/28/12 12:29	1
Phenanthrene	ND		5.0	0.44	ug/L		09/27/12 06:43	09/28/12 12:29	1
Phenol	ND		5.0	0.39	ug/L		09/27/12 06:43	09/28/12 12:29	1
Pyrene	ND		5.0	0.34	ug/L		09/27/12 06:43	09/28/12 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*52 - 132*	*09/27/12 06:43*	*09/28/12 12:29*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*09/27/12 06:43*	*09/28/12 12:29*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/27/12 06:43*	*09/28/12 12:29*	*1*
Nitrobenzene-d5	*81*		*46 - 120*	*09/27/12 06:43*	*09/28/12 12:29*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*09/27/12 06:43*	*09/28/12 12:29*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82476/1-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82476

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	32		16 - 120	09/27/12 06:43	09/28/12 12:29	1

Lab Sample ID: LCS 480-82476/2-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	108		ug/L		108	59 - 125
2-Chlorophenol	100	79.7		ug/L		80	48 - 120
4-Chloro-3-methylphenol	100	101		ug/L		101	64 - 120
4-Nitrophenol	100	58.4		ug/L		58	16 - 120
Acenaphthene	100	87.6		ug/L		88	60 - 120
Bis(2-ethylhexyl) phthalate	100	107		ug/L		107	69 - 136
Fluorene	100	108		ug/L		108	66 - 129
Hexachloroethane	100	37.5		ug/L		37	25 - 120
N-Nitrosodi-n-propylamine	100	93.2		ug/L		93	56 - 120
Pentachlorophenol	100	102		ug/L		102	39 - 136
Phenol	100	44.0		ug/L		44	17 - 120
Pyrene	100	103		ug/L		103	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	94		48 - 120
2-Fluorophenol	52		20 - 120
Nitrobenzene-d5	91		46 - 120
p-Terphenyl-d14	116		67 - 150
Phenol-d5	38		16 - 120

Lab Sample ID: LCSD 480-82476/3-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82476

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	100	97.9		ug/L		98	59 - 125	10	20
2-Chlorophenol	100	68.6		ug/L		69	48 - 120	15	25
4-Chloro-3-methylphenol	100	89.4		ug/L		89	64 - 120	12	27
4-Nitrophenol	100	50.2		ug/L		50	16 - 120	15	48
Acenaphthene	100	84.2		ug/L		84	60 - 120	4	24
Bis(2-ethylhexyl) phthalate	100	96.5		ug/L		96	69 - 136	11	15
Fluorene	100	100		ug/L		100	66 - 129	7	15
Hexachloroethane	100	38.4		ug/L		38	25 - 120	2	46
N-Nitrosodi-n-propylamine	100	80.5		ug/L		80	56 - 120	15	31
Pentachlorophenol	100	93.2		ug/L		93	39 - 136	9	37
Phenol	100	37.8		ug/L		38	17 - 120	15	34
Pyrene	100	94.6		ug/L		95	58 - 136	9	19

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	86		52 - 132
2-Fluorobiphenyl	84		48 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-82476/3-A
Matrix: Water
Analysis Batch: 82825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82476

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorophenol	45		20 - 120
Nitrobenzene-d5	79		46 - 120
p-Terphenyl-d14	101		67 - 150
Phenol-d5	32		16 - 120

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-82258/1-A
Matrix: Water
Analysis Batch: 82253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1221	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1232	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1242	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1248	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1254	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1260	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1262	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1268	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		19 - 126	09/26/12 07:01	09/26/12 15:48	1
DCB Decachlorobiphenyl	59		19 - 126	09/26/12 07:01	09/26/12 15:48	1
Tetrachloro-m-xylene	90		23 - 127	09/26/12 07:01	09/26/12 15:48	1
Tetrachloro-m-xylene	93		23 - 127	09/26/12 07:01	09/26/12 15:48	1

Lab Sample ID: LCS 480-82258/2-A
Matrix: Water
Analysis Batch: 82253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.00	4.58		ug/L		92	61 - 137
PCB-1260	5.00	3.79		ug/L		76	45 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		19 - 126
DCB Decachlorobiphenyl	53		19 - 126
Tetrachloro-m-xylene	99		23 - 127
Tetrachloro-m-xylene	91		23 - 127

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82253

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		4.73	4.09		ug/L		86	52 - 134
PCB-1260	ND		4.73	3.05		ug/L		64	19 - 136

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82253

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82258

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*19 - 126*
DCB Decachlorobiphenyl	*56*		*19 - 126*
Tetrachloro-m-xylene	*97*		*23 - 127*
Tetrachloro-m-xylene	*89*		*23 - 127*

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 82253

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		4.79	4.89		ug/L		102	52 - 134	18	50
PCB-1260	ND		4.79	3.77		ug/L		79	19 - 136	21	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*19 - 126*
DCB Decachlorobiphenyl	*75*		*19 - 126*
Tetrachloro-m-xylene	*106*		*23 - 127*
Tetrachloro-m-xylene	*95*		*23 - 127*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-81970/1-A
Matrix: Water
Analysis Batch: 82276

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/12 07:50	09/25/12 16:53	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 07:50	09/25/12 16:53	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 07:50	09/25/12 16:53	1
Barium	ND		0.0020	0.00070	mg/L		09/25/12 07:50	09/25/12 16:53	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 07:50	09/25/12 16:53	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 07:50	09/25/12 16:53	1
Calcium	0.129	J	0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:53	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 07:50	09/25/12 16:53	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 07:50	09/25/12 16:53	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 07:50	09/25/12 16:53	1
Iron	ND		0.050	0.019	mg/L		09/25/12 07:50	09/25/12 16:53	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 07:50	09/25/12 16:53	1
Magnesium	ND		0.20	0.043	mg/L		09/25/12 07:50	09/25/12 16:53	1
Manganese	0.00276	J	0.0030	0.00040	mg/L		09/25/12 07:50	09/25/12 16:53	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 07:50	09/25/12 16:53	1
Potassium	ND		0.50	0.10	mg/L		09/25/12 07:50	09/25/12 16:53	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 07:50	09/25/12 16:53	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 07:50	09/25/12 16:53	1
Sodium	ND		1.0	0.32	mg/L		09/25/12 07:50	09/25/12 16:53	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 07:50	09/25/12 16:53	1
Vanadium	ND		0.0050	0.0015	mg/L		09/25/12 07:50	09/25/12 16:53	1
Zinc	0.00150	J	0.010	0.0015	mg/L		09/25/12 07:50	09/25/12 16:53	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-81970/2-A
Matrix: Water
Analysis Batch: 82276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.1		mg/L		101	80 - 120
Antimony	0.200	0.207		mg/L		103	80 - 120
Arsenic	0.200	0.203		mg/L		101	80 - 120
Barium	0.200	0.209		mg/L		104	80 - 120
Beryllium	0.200	0.208		mg/L		104	80 - 120
Cadmium	0.200	0.194		mg/L		97	80 - 120
Calcium	10.0	10.5		mg/L		105	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.200	0.195		mg/L		98	80 - 120
Copper	0.200	0.202		mg/L		101	80 - 120
Iron	10.0	10.2		mg/L		102	80 - 120
Lead	0.200	0.195		mg/L		97	80 - 120
Magnesium	10.0	10.3		mg/L		103	80 - 120
Manganese	0.200	0.188		mg/L		94	80 - 120
Nickel	0.200	0.194		mg/L		97	80 - 120
Potassium	10.0	10.2		mg/L		102	80 - 120
Selenium	0.200	0.205		mg/L		103	80 - 120
Silver	0.0500	0.0445		mg/L		89	80 - 120
Sodium	10.0	9.94		mg/L		99	80 - 120
Thallium	0.200	0.193		mg/L		96	80 - 120
Vanadium	0.200	0.192		mg/L		96	80 - 120
Zinc	0.200	0.219		mg/L		110	80 - 120

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82276

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 81970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.25		10.0	10.4		mg/L		101	75 - 125
Antimony	ND		0.200	0.207		mg/L		104	75 - 125
Arsenic	ND		0.200	0.216		mg/L		108	75 - 125
Barium	0.15		0.200	0.347		mg/L		100	75 - 125
Beryllium	ND		0.200	0.213		mg/L		107	75 - 125
Cadmium	ND		0.200	0.201		mg/L		100	75 - 125
Calcium	150	B	10.0	161	4	mg/L		89	75 - 125
Chromium	ND		0.200	0.204		mg/L		102	75 - 125
Cobalt	ND		0.200	0.206		mg/L		103	75 - 125
Copper	ND		0.200	0.204		mg/L		102	75 - 125
Iron	4.1		10.0	14.1		mg/L		100	75 - 125
Lead	0.0042	J	0.200	0.206		mg/L		101	75 - 125
Magnesium	20		10.0	30.5		mg/L		102	75 - 125
Manganese	0.50	B	0.200	0.692		mg/L		94	75 - 125
Nickel	0.0016	J	0.200	0.206		mg/L		102	75 - 125
Potassium	28		10.0	37.5		mg/L		97	75 - 125
Selenium	ND		0.200	0.214		mg/L		107	75 - 125
Silver	ND		0.0500	0.0471		mg/L		94	75 - 125
Sodium	87		10.0	95.7	4	mg/L		86	75 - 125
Thallium	ND		0.200	0.196		mg/L		98	75 - 125
Vanadium	0.0027	J	0.200	0.203		mg/L		100	75 - 125
Zinc	0.10	B	0.200	0.325		mg/L		112	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 82276

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 81970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.25		10.0	10.4		mg/L		101	75 - 125	0	20
Antimony	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Barium	0.15		0.200	0.345		mg/L		99	75 - 125	1	20
Beryllium	ND		0.200	0.213		mg/L		106	75 - 125	0	20
Cadmium	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Calcium	150	B	10.0	160	4	mg/L		73	75 - 125	1	20
Chromium	ND		0.200	0.205		mg/L		102	75 - 125	0	20
Cobalt	ND		0.200	0.208		mg/L		104	75 - 125	1	20
Copper	ND		0.200	0.204		mg/L		102	75 - 125	0	20
Iron	4.1		10.0	14.0		mg/L		99	75 - 125	1	20
Lead	0.0042	J	0.200	0.207		mg/L		101	75 - 125	0	20
Magnesium	20		10.0	30.2		mg/L		99	75 - 125	1	20
Manganese	0.50	B	0.200	0.692		mg/L		94	75 - 125	0	20
Nickel	0.0016	J	0.200	0.207		mg/L		103	75 - 125	0	20
Potassium	28		10.0	37.2		mg/L		94	75 - 125	1	20
Selenium	ND		0.200	0.214		mg/L		107	75 - 125	0	20
Silver	ND		0.0500	0.0476		mg/L		95	75 - 125	1	20
Sodium	87		10.0	95.3	4	mg/L		82	75 - 125	0	20
Thallium	ND		0.200	0.197		mg/L		98	75 - 125	0	20
Vanadium	0.0027	J	0.200	0.201		mg/L		99	75 - 125	1	20
Zinc	0.10	B	0.200	0.324		mg/L		111	75 - 125	0	20

Lab Sample ID: MB 480-82061/1-B
Matrix: Water
Analysis Batch: 82586

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 82090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0698	J	0.20	0.060	mg/L		09/25/12 09:55	09/27/12 08:57	1
Antimony	ND		0.020	0.0068	mg/L		09/25/12 09:55	09/27/12 08:57	1
Arsenic	ND		0.010	0.0056	mg/L		09/25/12 09:55	09/27/12 08:57	1
Barium	0.00196	J	0.0020	0.00070	mg/L		09/25/12 09:55	09/27/12 08:57	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/12 09:55	09/27/12 08:57	1
Cadmium	ND		0.0010	0.00050	mg/L		09/25/12 09:55	09/27/12 08:57	1
Calcium	0.144	J	0.50	0.10	mg/L		09/25/12 09:55	09/27/12 08:57	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/12 09:55	09/27/12 08:57	1
Cobalt	ND		0.0040	0.00063	mg/L		09/25/12 09:55	09/27/12 08:57	1
Copper	ND		0.010	0.0016	mg/L		09/25/12 09:55	09/27/12 08:57	1
Iron	0.0358	J	0.050	0.019	mg/L		09/25/12 09:55	09/27/12 08:57	1
Lead	ND		0.0050	0.0030	mg/L		09/25/12 09:55	09/27/12 08:57	1
Magnesium	ND		0.20	0.043	mg/L		09/25/12 09:55	09/27/12 08:57	1
Manganese	0.00126	J	0.0030	0.00040	mg/L		09/25/12 09:55	09/27/12 08:57	1
Nickel	ND		0.010	0.0013	mg/L		09/25/12 09:55	09/27/12 08:57	1
Potassium	ND		0.50	0.10	mg/L		09/25/12 09:55	09/27/12 08:57	1
Selenium	ND		0.015	0.0087	mg/L		09/25/12 09:55	09/27/12 08:57	1
Silver	ND		0.0030	0.0017	mg/L		09/25/12 09:55	09/27/12 08:57	1
Sodium	ND		1.0	0.32	mg/L		09/25/12 09:55	09/27/12 08:57	1
Thallium	ND		0.020	0.010	mg/L		09/25/12 09:55	09/27/12 08:57	1
Vanadium	ND		0.0050	0.0015	mg/L		09/25/12 09:55	09/27/12 08:57	1
Zinc	0.00393	J	0.010	0.0015	mg/L		09/25/12 09:55	09/27/12 08:57	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-82061/2-B
Matrix: Water
Analysis Batch: 82495

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 82090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.2		mg/L		102	80 - 120
Antimony	0.200	0.206		mg/L		103	80 - 120
Arsenic	0.200	0.205		mg/L		102	80 - 120
Barium	0.200	0.211		mg/L		105	80 - 120
Beryllium	0.200	0.207		mg/L		104	80 - 120
Cadmium	0.200	0.206		mg/L		103	80 - 120
Calcium	10.0	10.4		mg/L		104	80 - 120
Chromium	0.200	0.212		mg/L		106	80 - 120
Cobalt	0.200	0.205		mg/L		103	80 - 120
Copper	0.200	0.208		mg/L		104	80 - 120
Iron	10.0	10.0		mg/L		100	80 - 120
Lead	0.200	0.203		mg/L		101	80 - 120
Magnesium	10.0	10.3		mg/L		103	80 - 120
Manganese	0.200	0.204		mg/L		102	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	10.2		mg/L		102	80 - 120
Selenium	0.200	0.196		mg/L		98	80 - 120
Silver	0.0500	0.0498		mg/L		100	80 - 120
Sodium	10.0	10.3		mg/L		103	80 - 120
Thallium	0.200	0.200		mg/L		100	80 - 120
Vanadium	0.200	0.204		mg/L		102	80 - 120
Zinc	0.200	0.223		mg/L		111	80 - 120

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82495

Client Sample ID: NS-MW-WG-5
Prep Type: Dissolved
Prep Batch: 82090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.14	J B	10.0	10.3		mg/L		101	75 - 125
Antimony	ND		0.200	0.209		mg/L		104	75 - 125
Arsenic	ND		0.200	0.213		mg/L		107	75 - 125
Barium	0.12	B	0.200	0.394	F	mg/L		135	75 - 125
Beryllium	ND		0.200	0.211		mg/L		105	75 - 125
Cadmium	ND		0.200	0.209		mg/L		105	75 - 125
Calcium	150	B	10.0	157	4	mg/L		111	75 - 125
Chromium	ND		0.200	0.210		mg/L		105	75 - 125
Cobalt	ND		0.200	0.212		mg/L		106	75 - 125
Copper	ND		0.200	0.208		mg/L		104	75 - 125
Iron	0.13	B	10.0	9.90		mg/L		98	75 - 125
Lead	ND		0.200	0.208		mg/L		104	75 - 125
Magnesium	20		10.0	30.0		mg/L		98	75 - 125
Manganese	0.53	B	0.200	0.726		mg/L		97	75 - 125
Nickel	ND		0.200	0.205		mg/L		103	75 - 125
Potassium	27		10.0	37.4		mg/L		101	75 - 125
Selenium	ND		0.200	0.203		mg/L		101	75 - 125
Silver	ND		0.0500	0.0499		mg/L		100	75 - 125
Sodium	88		10.0	98.3	4	mg/L		98	75 - 125
Thallium	ND		0.200	0.197		mg/L		98	75 - 125
Vanadium	0.0016	J	0.200	0.208		mg/L		103	75 - 125
Zinc	0.014	B	0.200	0.230		mg/L		108	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25511-4 MSD — **Client Sample ID: NS-MW-WG-5**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 82495 — **Prep Batch: 82090**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.14	J B	10.0	10.2		mg/L		101	75 - 125	1	20
Antimony	ND		0.200	0.209		mg/L		104	75 - 125	0	20
Arsenic	ND		0.200	0.211		mg/L		105	75 - 125	1	20
Barium	0.12	B	0.200	0.322		mg/L		99	75 - 125	20	20
Beryllium	ND		0.200	0.209		mg/L		105	75 - 125	1	20
Cadmium	ND		0.200	0.209		mg/L		104	75 - 125	0	20
Calcium	150	B	10.0	156	4	mg/L		98	75 - 125	1	20
Chromium	ND		0.200	0.211		mg/L		106	75 - 125	0	20
Cobalt	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Copper	ND		0.200	0.209		mg/L		104	75 - 125	1	20
Iron	0.13	B	10.0	9.80		mg/L		97	75 - 125	1	20
Lead	ND		0.200	0.205		mg/L		103	75 - 125	1	20
Magnesium	20		10.0	29.8		mg/L		96	75 - 125	1	20
Manganese	0.53	B	0.200	0.720		mg/L		94	75 - 125	1	20
Nickel	ND		0.200	0.204		mg/L		102	75 - 125	1	20
Potassium	27		10.0	37.2		mg/L		99	75 - 125	1	20
Selenium	ND		0.200	0.203		mg/L		101	75 - 125	0	20
Silver	ND		0.0500	0.0506		mg/L		101	75 - 125	1	20
Sodium	88		10.0	97.9	4	mg/L		94	75 - 125	0	20
Thallium	ND		0.200	0.196		mg/L		98	75 - 125	0	20
Vanadium	0.0016	J	0.200	0.208		mg/L		103	75 - 125	0	20
Zinc	0.014	B	0.200	0.230		mg/L		108	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-82048/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82159 — **Prep Batch: 82048**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/12 08:40	09/25/12 13:06	1

Lab Sample ID: LCS 480-82048/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82159 — **Prep Batch: 82048**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00645		mg/L		97	80 - 120

Lab Sample ID: 480-25511-4 MS — **Client Sample ID: NS-MW-WG-5**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82159 — **Prep Batch: 82048**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00622		mg/L		93	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 480-25511-4 MSD — **Client Sample ID: NS-MW-WG-5**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82159 — **Prep Batch: 82048**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00630		mg/L		94	75 - 125	1	20

Lab Sample ID: MB 480-82061/1-C — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 82478 — **Prep Batch: 82266**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 07:50	09/26/12 14:16	1

Lab Sample ID: LCS 480-82061/2-C — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 82478 — **Prep Batch: 82266**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00615		mg/L		92	80 - 120

Lab Sample ID: 480-25511-4 MS — **Client Sample ID: NS-MW-WG-5**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 82478 — **Prep Batch: 82266**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00643		mg/L		96	75 - 125

Lab Sample ID: 480-25511-4 MSD — **Client Sample ID: NS-MW-WG-5**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 82478 — **Prep Batch: 82266**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00630		mg/L		94	75 - 125	2	20

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-82016/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82132 — **Prep Batch: 82016**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/25/12 01:00	09/25/12 10:30	1

Lab Sample ID: LCS 480-82016/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82132 — **Prep Batch: 82016**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.386		mg/L		97	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 82132

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		0.100	0.0760	F	mg/L		76	90 - 110

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 82132

Client Sample ID: NS-MW-WG-5
Prep Type: Total/NA
Prep Batch: 82016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		0.100	0.0988	F	mg/L		99	90 - 110	26	15

Lab Sample ID: MB 480-83958/2-A
Matrix: Water
Analysis Batch: 84123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:02	1

Lab Sample ID: LCS 480-83958/1-A
Matrix: Water
Analysis Batch: 84123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.419		mg/L		105	90 - 110

Lab Sample ID: 480-25511-4 MS
Matrix: Water
Analysis Batch: 84123

Client Sample ID: NS-MW-WG-5
Prep Type: Dissolved
Prep Batch: 83958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND	H	0.100	0.0998	H	mg/L		100	90 - 110

Lab Sample ID: 480-25511-4 MSD
Matrix: Water
Analysis Batch: 84123

Client Sample ID: NS-MW-WG-5
Prep Type: Dissolved
Prep Batch: 83958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND	H	0.100	0.0903	H	mg/L		90	90 - 110	10	15

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Analysis Batch: 82440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	8260B	
480-25511-2	NS-MW-WG-2	Total/NA	Water	8260B	
480-25511-3	NS-MW-WG-4	Total/NA	Water	8260B	
480-25511-4	NS-MW-WG-5	Total/NA	Water	8260B	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	8260B	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	8260B	
480-25511-5	NS-MW-WG-6	Total/NA	Water	8260B	
480-25511-6	NS-MW-WG-7	Total/NA	Water	8260B	
480-25511-7	DEP-MW-WG-8	Total/NA	Water	8260B	
480-25511-8	DEP-MW-WG-9	Total/NA	Water	8260B	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	8260B	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	8260B	
480-25511-11	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-82440/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-82440/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 82542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-6 - DL	NS-MW-WG-7	Total/NA	Water	8260B	
LCS 480-82542/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-82542/5	Method Blank	Total/NA	Water	8260B	

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Prep Batch: 82385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	3510C	
480-25511-2	NS-MW-WG-2	Total/NA	Water	3510C	
480-25511-3	NS-MW-WG-4	Total/NA	Water	3510C	
480-25511-4	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-5	NS-MW-WG-6	Total/NA	Water	3510C	
480-25511-6	NS-MW-WG-7	Total/NA	Water	3510C	
480-25511-8	DEP-MW-WG-9	Total/NA	Water	3510C	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	3510C	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	3510C	
LCS 480-82385/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-82385/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 82476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-7	DEP-MW-WG-8	Total/NA	Water	3510C	
LCS 480-82476/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-82476/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-82476/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 82539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	8270C	82385
480-25511-2	NS-MW-WG-2	Total/NA	Water	8270C	82385
480-25511-3	NS-MW-WG-4	Total/NA	Water	8270C	82385

GC/MS Semi VOA (Continued)

Analysis Batch: 82539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-4	NS-MW-WG-5	Total/NA	Water	8270C	82385
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	8270C	82385
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	8270C	82385
480-25511-5	NS-MW-WG-6	Total/NA	Water	8270C	82385
480-25511-6	NS-MW-WG-7	Total/NA	Water	8270C	82385
480-25511-8	DEP-MW-WG-9	Total/NA	Water	8270C	82385
480-25511-9	DEP-MW-WG-11	Total/NA	Water	8270C	82385
480-25511-10	DEP-MW-WG-12	Total/NA	Water	8270C	82385
LCS 480-82385/2-A	Lab Control Sample	Total/NA	Water	8270C	82385
MB 480-82385/1-A	Method Blank	Total/NA	Water	8270C	82385

Analysis Batch: 82825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-7	DEP-MW-WG-8	Total/NA	Water	8270C	82476
LCS 480-82476/2-A	Lab Control Sample	Total/NA	Water	8270C	82476
LCSD 480-82476/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	82476
MB 480-82476/1-A	Method Blank	Total/NA	Water	8270C	82476

GC Semi VOA

Analysis Batch: 82253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	8082	82258
480-25511-2	NS-MW-WG-2	Total/NA	Water	8082	82258
480-25511-3	NS-MW-WG-4	Total/NA	Water	8082	82258
480-25511-4	NS-MW-WG-5	Total/NA	Water	8082	82258
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	8082	82258
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	8082	82258
480-25511-5	NS-MW-WG-6	Total/NA	Water	8082	82258
480-25511-6	NS-MW-WG-7	Total/NA	Water	8082	82258
480-25511-7	DEP-MW-WG-8	Total/NA	Water	8082	82258
480-25511-8	DEP-MW-WG-9	Total/NA	Water	8082	82258
480-25511-9	DEP-MW-WG-11	Total/NA	Water	8082	82258
480-25511-10	DEP-MW-WG-12	Total/NA	Water	8082	82258
LCS 480-82258/2-A	Lab Control Sample	Total/NA	Water	8082	82258
MB 480-82258/1-A	Method Blank	Total/NA	Water	8082	82258

Prep Batch: 82258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	3510C	
480-25511-2	NS-MW-WG-2	Total/NA	Water	3510C	
480-25511-3	NS-MW-WG-4	Total/NA	Water	3510C	
480-25511-4	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	3510C	
480-25511-5	NS-MW-WG-6	Total/NA	Water	3510C	
480-25511-6	NS-MW-WG-7	Total/NA	Water	3510C	
480-25511-7	DEP-MW-WG-8	Total/NA	Water	3510C	
480-25511-8	DEP-MW-WG-9	Total/NA	Water	3510C	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	3510C	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	3510C	
LCS 480-82258/2-A	Lab Control Sample	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 82258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-82258/1-A	Method Blank	Total/NA	Water	3510C	

Metals

Prep Batch: 81970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	3005A	
480-25511-2	NS-MW-WG-2	Total/NA	Water	3005A	
480-25511-3	NS-MW-WG-4	Total/NA	Water	3005A	
480-25511-4	NS-MW-WG-5	Total/NA	Water	3005A	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	3005A	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	3005A	
480-25511-5	NS-MW-WG-6	Total/NA	Water	3005A	
480-25511-6	NS-MW-WG-7	Total/NA	Water	3005A	
480-25511-7	DEP-MW-WG-8	Total/NA	Water	3005A	
480-25511-8	DEP-MW-WG-9	Total/NA	Water	3005A	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	3005A	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	3005A	
LCS 480-81970/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-81970/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 82048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	7470A	
480-25511-2	NS-MW-WG-2	Total/NA	Water	7470A	
480-25511-3	NS-MW-WG-4	Total/NA	Water	7470A	
480-25511-4	NS-MW-WG-5	Total/NA	Water	7470A	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	7470A	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	7470A	
480-25511-5	NS-MW-WG-6	Total/NA	Water	7470A	
480-25511-6	NS-MW-WG-7	Total/NA	Water	7470A	
480-25511-7	DEP-MW-WG-8	Total/NA	Water	7470A	
480-25511-8	DEP-MW-WG-9	Total/NA	Water	7470A	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	7470A	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	7470A	
LCS 480-82048/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-82048/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 82090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	3005A	
480-25511-2	NS-MW-WG-2	Dissolved	Water	3005A	
480-25511-3	NS-MW-WG-4	Dissolved	Water	3005A	
480-25511-4	NS-MW-WG-5	Dissolved	Water	3005A	
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	3005A	
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	3005A	
480-25511-5	NS-MW-WG-6	Dissolved	Water	3005A	
480-25511-6	NS-MW-WG-7	Dissolved	Water	3005A	
480-25511-7	DEP-MW-WG-8	Dissolved	Water	3005A	
480-25511-8	DEP-MW-WG-9	Dissolved	Water	3005A	
480-25511-9	DEP-MW-WG-11	Dissolved	Water	3005A	
480-25511-10	DEP-MW-WG-12	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 82090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-82061/2-B	Lab Control Sample	Dissolved	Water	3005A	
MB 480-82061/1-B	Method Blank	Dissolved	Water	3005A	

Analysis Batch: 82159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	7470A	82048
480-25511-2	NS-MW-WG-2	Total/NA	Water	7470A	82048
480-25511-3	NS-MW-WG-4	Total/NA	Water	7470A	82048
480-25511-4	NS-MW-WG-5	Total/NA	Water	7470A	82048
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	7470A	82048
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	7470A	82048
480-25511-5	NS-MW-WG-6	Total/NA	Water	7470A	82048
480-25511-6	NS-MW-WG-7	Total/NA	Water	7470A	82048
480-25511-7	DEP-MW-WG-8	Total/NA	Water	7470A	82048
480-25511-8	DEP-MW-WG-9	Total/NA	Water	7470A	82048
480-25511-9	DEP-MW-WG-11	Total/NA	Water	7470A	82048
480-25511-10	DEP-MW-WG-12	Total/NA	Water	7470A	82048
LCS 480-82048/2-A	Lab Control Sample	Total/NA	Water	7470A	82048
MB 480-82048/1-A	Method Blank	Total/NA	Water	7470A	82048

Prep Batch: 82266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	7470A	
480-25511-2	NS-MW-WG-2	Dissolved	Water	7470A	
480-25511-3	NS-MW-WG-4	Dissolved	Water	7470A	
480-25511-4	NS-MW-WG-5	Dissolved	Water	7470A	
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	7470A	
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	7470A	
480-25511-5	NS-MW-WG-6	Dissolved	Water	7470A	
480-25511-6	NS-MW-WG-7	Dissolved	Water	7470A	
480-25511-7	DEP-MW-WG-8	Dissolved	Water	7470A	
480-25511-8	DEP-MW-WG-9	Dissolved	Water	7470A	
480-25511-9	DEP-MW-WG-11	Dissolved	Water	7470A	
480-25511-10	DEP-MW-WG-12	Dissolved	Water	7470A	
LCS 480-82061/2-C	Lab Control Sample	Dissolved	Water	7470A	
MB 480-82061/1-C	Method Blank	Dissolved	Water	7470A	

Analysis Batch: 82276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	6010B	81970
480-25511-2	NS-MW-WG-2	Total/NA	Water	6010B	81970
480-25511-3	NS-MW-WG-4	Total/NA	Water	6010B	81970
480-25511-4	NS-MW-WG-5	Total/NA	Water	6010B	81970
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	6010B	81970
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	6010B	81970
480-25511-5	NS-MW-WG-6	Total/NA	Water	6010B	81970
480-25511-6	NS-MW-WG-7	Total/NA	Water	6010B	81970
480-25511-7	DEP-MW-WG-8	Total/NA	Water	6010B	81970
480-25511-8	DEP-MW-WG-9	Total/NA	Water	6010B	81970
480-25511-9	DEP-MW-WG-11	Total/NA	Water	6010B	81970
480-25511-10	DEP-MW-WG-12	Total/NA	Water	6010B	81970
LCS 480-81970/2-A	Lab Control Sample	Total/NA	Water	6010B	81970

Metals (Continued)

Analysis Batch: 82276 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-81970/1-A	Method Blank	Total/NA	Water	6010B	81970

Analysis Batch: 82478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	7470A	82266
480-25511-2	NS-MW-WG-2	Dissolved	Water	7470A	82266
480-25511-3	NS-MW-WG-4	Dissolved	Water	7470A	82266
480-25511-4	NS-MW-WG-5	Dissolved	Water	7470A	82266
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	7470A	82266
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	7470A	82266
480-25511-5	NS-MW-WG-6	Dissolved	Water	7470A	82266
480-25511-6	NS-MW-WG-7	Dissolved	Water	7470A	82266
480-25511-7	DEP-MW-WG-8	Dissolved	Water	7470A	82266
480-25511-8	DEP-MW-WG-9	Dissolved	Water	7470A	82266
480-25511-9	DEP-MW-WG-11	Dissolved	Water	7470A	82266
480-25511-10	DEP-MW-WG-12	Dissolved	Water	7470A	82266
LCS 480-82061/2-C	Lab Control Sample	Dissolved	Water	7470A	82266
MB 480-82061/1-C	Method Blank	Dissolved	Water	7470A	82266

Analysis Batch: 82495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	6010B	82090
480-25511-2	NS-MW-WG-2	Dissolved	Water	6010B	82090
480-25511-3	NS-MW-WG-4	Dissolved	Water	6010B	82090
480-25511-4	NS-MW-WG-5	Dissolved	Water	6010B	82090
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	6010B	82090
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	6010B	82090
480-25511-5	NS-MW-WG-6	Dissolved	Water	6010B	82090
480-25511-6	NS-MW-WG-7	Dissolved	Water	6010B	82090
480-25511-7	DEP-MW-WG-8	Dissolved	Water	6010B	82090
480-25511-8	DEP-MW-WG-9	Dissolved	Water	6010B	82090
480-25511-9	DEP-MW-WG-11	Dissolved	Water	6010B	82090
480-25511-10	DEP-MW-WG-12	Dissolved	Water	6010B	82090
LCS 480-82061/2-B	Lab Control Sample	Dissolved	Water	6010B	82090

Analysis Batch: 82586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-82061/1-B	Method Blank	Dissolved	Water	6010B	82090

General Chemistry

Prep Batch: 82016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	9012A	
480-25511-2	NS-MW-WG-2	Total/NA	Water	9012A	
480-25511-3	NS-MW-WG-4	Total/NA	Water	9012A	
480-25511-4	NS-MW-WG-5	Total/NA	Water	9012A	
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	9012A	
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	9012A	
480-25511-5	NS-MW-WG-6	Total/NA	Water	9012A	
480-25511-6	NS-MW-WG-7	Total/NA	Water	9012A	
480-25511-7	DEP-MW-WG-8	Total/NA	Water	9012A	

General Chemistry (Continued)

Prep Batch: 82016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-8	DEP-MW-WG-9	Total/NA	Water	9012A	
480-25511-9	DEP-MW-WG-11	Total/NA	Water	9012A	
480-25511-10	DEP-MW-WG-12	Total/NA	Water	9012A	
LCS 480-82016/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-82016/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 82132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Total/NA	Water	9012A	82016
480-25511-2	NS-MW-WG-2	Total/NA	Water	9012A	82016
480-25511-3	NS-MW-WG-4	Total/NA	Water	9012A	82016
480-25511-4	NS-MW-WG-5	Total/NA	Water	9012A	82016
480-25511-4 MS	NS-MW-WG-5	Total/NA	Water	9012A	82016
480-25511-4 MSD	NS-MW-WG-5	Total/NA	Water	9012A	82016
480-25511-5	NS-MW-WG-6	Total/NA	Water	9012A	82016
480-25511-6	NS-MW-WG-7	Total/NA	Water	9012A	82016
480-25511-7	DEP-MW-WG-8	Total/NA	Water	9012A	82016
480-25511-8	DEP-MW-WG-9	Total/NA	Water	9012A	82016
480-25511-9	DEP-MW-WG-11	Total/NA	Water	9012A	82016
480-25511-10	DEP-MW-WG-12	Total/NA	Water	9012A	82016
LCS 480-82016/1-A	Lab Control Sample	Total/NA	Water	9012A	82016
MB 480-82016/2-A	Method Blank	Total/NA	Water	9012A	82016

Prep Batch: 83958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	9012A	
480-25511-2	NS-MW-WG-2	Dissolved	Water	9012A	
480-25511-3	NS-MW-WG-4	Dissolved	Water	9012A	
480-25511-4	NS-MW-WG-5	Dissolved	Water	9012A	
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	9012A	
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	9012A	
480-25511-5	NS-MW-WG-6	Dissolved	Water	9012A	
480-25511-6	NS-MW-WG-7	Dissolved	Water	9012A	
480-25511-7	DEP-MW-WG-8	Dissolved	Water	9012A	
480-25511-8	DEP-MW-WG-9	Dissolved	Water	9012A	
480-25511-9	DEP-MW-WG-11	Dissolved	Water	9012A	
480-25511-10	DEP-MW-WG-12	Dissolved	Water	9012A	
LCS 480-83958/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-83958/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 84123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-1	NS-MW-WG-1	Dissolved	Water	9012A	83958
480-25511-2	NS-MW-WG-2	Dissolved	Water	9012A	83958
480-25511-3	NS-MW-WG-4	Dissolved	Water	9012A	83958
480-25511-4	NS-MW-WG-5	Dissolved	Water	9012A	83958
480-25511-4 MS	NS-MW-WG-5	Dissolved	Water	9012A	83958
480-25511-4 MSD	NS-MW-WG-5	Dissolved	Water	9012A	83958
480-25511-5	NS-MW-WG-6	Dissolved	Water	9012A	83958
480-25511-6	NS-MW-WG-7	Dissolved	Water	9012A	83958
480-25511-7	DEP-MW-WG-8	Dissolved	Water	9012A	83958
480-25511-8	DEP-MW-WG-9	Dissolved	Water	9012A	83958

General Chemistry (Continued)

Analysis Batch: 84123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25511-9	DEP-MW-WG-11	Dissolved	Water	9012A	83958
480-25511-10	DEP-MW-WG-12	Dissolved	Water	9012A	83958
LCS 480-83958/1-A	Lab Control Sample	Total/NA	Water	9012A	83958
MB 480-83958/2-A	Method Blank	Total/NA	Water	9012A	83958

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: NS-MW-WG-1

Lab Sample ID: 480-25511-1

Date Collected: 09/21/12 14:35

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 02:27	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 18:05	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 18:31	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:09	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 16:57	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:20	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:36	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:34	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:03	KS	TAL BUF

Client Sample ID: NS-MW-WG-2

Lab Sample ID: 480-25511-2

Date Collected: 09/21/12 15:20

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 02:53	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 18:29	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 18:46	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:11	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 16:59	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:21	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:38	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:35	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:03	KS	TAL BUF

Client Sample ID: NS-MW-WG-4

Lab Sample ID: 480-25511-3

Date Collected: 09/21/12 08:00

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 03:18	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 18:52	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 19:01	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:13	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:01	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:23	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:40	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:36	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:04	KS	TAL BUF

Client Sample ID: NS-MW-WG-5

Lab Sample ID: 480-25511-4

Date Collected: 09/20/12 13:30

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 03:43	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 19:15	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 19:16	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:18	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:03	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:25	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:42	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:37	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:05	KS	TAL BUF

Client Sample ID: NS-MW-WG-6

Lab Sample ID: 480-25511-5

Date Collected: 09/21/12 10:25

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 04:59	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 19:39	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 20:00	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:25	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:18	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:32	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:57	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:41	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:08	KS	TAL BUF

Client Sample ID: NS-MW-WG-7

Lab Sample ID: 480-25511-6

Date Collected: 09/21/12 11:15

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 05:24	LH	TAL BUF
Total/NA	Analysis	8260B	DL	2	82542	09/27/12 17:03	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:27	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 20:02	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 20:15	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:27	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:20	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:38	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 19:59	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:42	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:09	KS	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-8

Lab Sample ID: 480-25511-7

Date Collected: 09/20/12 16:20

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 05:49	LH	TAL BUF
Total/NA	Prep	3510C			82476	09/27/12 06:43	TR	TAL BUF
Total/NA	Analysis	8270C		1	82825	09/28/12 17:38	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 20:30	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:29	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:22	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:55	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 20:01	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:43	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:11	KS	TAL BUF

Client Sample ID: DEP-MW-WG-9

Lab Sample ID: 480-25511-8

Date Collected: 09/20/12 17:45

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 06:14	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:31	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 20:26	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 20:44	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:31	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:24	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:57	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 20:03	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:44	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:12	KS	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: DEP-MW-WG-11

Lab Sample ID: 480-25511-9

Date Collected: 09/21/12 13:00

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 06:39	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:31	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 20:49	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 21:29	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:33	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:26	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 14:59	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 20:05	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:45	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:13	KS	TAL BUF

Client Sample ID: DEP-MW-WG-12

Lab Sample ID: 480-25511-10

Date Collected: 09/21/12 13:45

Matrix: Water

Date Received: 09/22/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 07:04	LH	TAL BUF
Total/NA	Prep	3510C			82385	09/26/12 14:31	KB	TAL BUF
Total/NA	Analysis	8270C		1	82539	09/27/12 21:13	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 21:44	JM	TAL BUF
Total/NA	Prep	7470A			82048	09/25/12 08:40	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82159	09/25/12 13:34	JRK	TAL BUF
Total/NA	Prep	3005A			81970	09/25/12 07:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	82276	09/25/12 17:29	LH	TAL BUF
Dissolved	Prep	7470A			82266	09/26/12 07:50	JRK	TAL BUF
Dissolved	Analysis	7470A		1	82478	09/26/12 15:02	JRK	TAL BUF
Dissolved	Prep	3005A			82090	09/25/12 09:55	SS	TAL BUF
Dissolved	Analysis	6010B		1	82495	09/26/12 20:07	AH	TAL BUF
Total/NA	Prep	9012A			82016	09/25/12 01:00	PJQ	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:46	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:14	KS	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Client Sample ID: TRIP BLANK
Date Collected: 09/21/12 00:00
Date Received: 09/22/12 09:15

Lab Sample ID: 480-25511-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82440	09/27/12 07:29	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25511-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25511-1	NS-MW-WG-1	Water	09/21/12 14:35	09/22/12 09:15
480-25511-2	NS-MW-WG-2	Water	09/21/12 15:20	09/22/12 09:15
480-25511-3	NS-MW-WG-4	Water	09/21/12 08:00	09/22/12 09:15
480-25511-4	NS-MW-WG-5	Water	09/20/12 13:30	09/22/12 09:15
480-25511-5	NS-MW-WG-6	Water	09/21/12 10:25	09/22/12 09:15
480-25511-6	NS-MW-WG-7	Water	09/21/12 11:15	09/22/12 09:15
480-25511-7	DEP-MW-WG-8	Water	09/20/12 16:20	09/22/12 09:15
480-25511-8	DEP-MW-WG-9	Water	09/20/12 17:45	09/22/12 09:15
480-25511-9	DEP-MW-WG-11	Water	09/21/12 13:00	09/22/12 09:15
480-25511-10	DEP-MW-WG-12	Water	09/21/12 13:45	09/22/12 09:15
480-25511-11	TRIP BLANK	Water	09/21/12 00:00	09/22/12 09:15

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/21/12	Chain of Custody Number: 231734
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York	State: NY Zip Code: 10081	Site Contact: Phillip Castellano	Lab Contact:
Project Name and Location (State): NCK Smethport	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	GW	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TAL Metals (unfiltered + lab filtered)	Mercury	Chloride	TCL VOC	TCL SVOC
NS-MW-WG-1	9/21/12	1435					X	6		1	3	1		X	X	X	X	X
NS-MW-WG-2	↓	1520					↓											
NS-MW-WG-4		800																
NS-MW-WG-5	9/20/12	1330																
NS-MW-WG-5-MS	↓	1330																
NS-MW-WG-5-MSD	↓	1330																
NS-MW-WG-6	9/21/12	1025																
NS-MW-WG-7	9/21/12	1115																
NS-MW-WG-8	9/20/12	1620																
NS-MW-WG-9	9/20/12	1745																
NS-MW-WG-11	9/21/12	1300																
NS-MW-WG-12	9/21/12	1345					↓											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1		9/21/12	1545		9/21/12	15:45
2		9/21/12	16:20		9/22/12	0915
3						

Comments

8 C SEE SHEET #2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/21/12	Chain of Custody Number: 231736
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10036	Site Contact: Phillip Castellano	Lab Contact:	
Project Name and Location (State): New Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TCV VOCs/10	Special Instructions/ Conditions of Receipt
Trip Blank	—	—		X						X			X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/21/12	1545	1. Received By	9/21/12	15:45
2. Relinquished By	9/21/12	16:20	2. Received By	09/22/12	0915
3. Relinquished By			3. Received By		

Comments

8 @ SEE SHEET #2

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25511-1

Login Number: 25511

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25581-1
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Authorized for release by:
10/8/2012 5:30:50 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

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Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Qualifiers

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25581-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25581-1

Comments
No additional comments.

Receipt
The samples were received on 9/25/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 3.0º C.

GC/MS VOA
Method(s) 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: NS-MW-WG-10 (480-25581-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample (LCS) for preparation batch 82612 exceeded control limits for multiple analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Tetrachloro-m-xylene exceeded 15% on the ZB-35 column, indicating a high bias. (CCV 480-82253/23), (CCV 480-82253/42), (CCV 480-82253/9)

Method(s) 8082: All primary data is reported from the ZB-35 column.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The Method Blank for batch 480-83001 contained dissolved iron, manganese, and zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples NS-MW-WG-10 (480-25581-2), NS-MW-WG-3 (480-25581-1) was not performed.

Method(s) 6010B: The Serial Dilution (480-25581-2 SD) in batch 480-83001, exhibited results outside the quality control limits for dissolved barium, calcium, potassium, magnesium, manganese, and sodium. However, the Post Digestion Spike was compliant so no corrective action was necessary

Method(s) 6010B: The Continuing Calibration Blank (CCB 480-83275/13) contained dissolved cadmium above the reporting limit (RL). Samples NS-MW-WG-10 (480-25581-2), NS-MW-WG-3 (480-25581-1) associated with this CCB were non-detect for the target compound, therefore, re-extraction and/or re-analysis of the samples was not performed.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-3 — Lab Sample ID: 480-25581-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	1.5		1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.36	ug/L	1		8260B	Total/NA
Anthracene	0.41	J	4.7	0.27	ug/L	1		8270C	Total/NA
Benzaldehyde	0.36	J	4.7	0.25	ug/L	1		8270C	Total/NA
Benzo(a)anthracene	1.2	J	4.7	0.34	ug/L	1		8270C	Total/NA
Benzo(a)pyrene	1.0	J *	4.7	0.45	ug/L	1		8270C	Total/NA
Benzo(b)fluoranthene	1.2	J	4.7	0.32	ug/L	1		8270C	Total/NA
Benzo(g,h,i)perylene	0.60	J	4.7	0.33	ug/L	1		8270C	Total/NA
Chrysene	1.1	J	4.7	0.31	ug/L	1		8270C	Total/NA
Indeno(1,2,3-cd)pyrene	0.51	J *	4.7	0.45	ug/L	1		8270C	Total/NA
Naphthalene	0.78	J	4.7	0.72	ug/L	1		8270C	Total/NA
Phenanthrene	2.1	J	4.7	0.42	ug/L	1		8270C	Total/NA
Pyrene	1.9	J *	4.7	0.32	ug/L	1		8270C	Total/NA
Aluminum	0.19	J	0.20	0.060	mg/L	1		6010B	Total/NA
Arsenic	0.0064	J	0.010	0.0056	mg/L	1		6010B	Total/NA
Barium	0.38		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	170		0.50	0.10	mg/L	1		6010B	Total/NA
Chromium	0.0026	J	0.0040	0.0010	mg/L	1		6010B	Total/NA
Cobalt	0.0029	J	0.0040	0.00063	mg/L	1		6010B	Total/NA
Copper	0.019		0.010	0.0016	mg/L	1		6010B	Total/NA
Iron	5.2		0.050	0.019	mg/L	1		6010B	Total/NA
Lead	0.055		0.0050	0.0030	mg/L	1		6010B	Total/NA
Magnesium	28		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.88		0.0030	0.00040	mg/L	1		6010B	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010B	Total/NA
Potassium	28		0.50	0.10	mg/L	1		6010B	Total/NA
Sodium	110		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0056		0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.24		0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.32		0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	170		0.50	0.10	mg/L	1		6010B	Dissolved
Cobalt	0.0028	J	0.0040	0.00063	mg/L	1		6010B	Dissolved
Copper	0.0039	J	0.010	0.0016	mg/L	1		6010B	Dissolved
Iron	0.041	J B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	28		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.87	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Nickel	0.0080	J	0.010	0.0013	mg/L	1		6010B	Dissolved
Potassium	27		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	110		1.0	0.32	mg/L	1		6010B	Dissolved
Zinc	0.17	B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: NS-MW-WG-10 — Lab Sample ID: 480-25581-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.8		2.0	0.32	ug/L	2		8260B	Total/NA
Di-n-octyl phthalate	1.0	J	4.8	0.45	ug/L	1		8270C	Total/NA
Barium	0.33		0.0020	0.00070	mg/L	1		6010B	Total/NA
Calcium	100		0.50	0.10	mg/L	1		6010B	Total/NA
Iron	18		0.050	0.019	mg/L	1		6010B	Total/NA
Magnesium	43		0.20	0.043	mg/L	1		6010B	Total/NA
Manganese	0.74		0.0030	0.00040	mg/L	1		6010B	Total/NA
Potassium	34		0.50	0.10	mg/L	1		6010B	Total/NA

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-10 (Continued) — Lab Sample ID: 480-25581-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	270		1.0	0.32	mg/L	1		6010B	Total/NA
Vanadium	0.0039	J	0.0050	0.0015	mg/L	1		6010B	Total/NA
Zinc	0.0036	J	0.010	0.0015	mg/L	1		6010B	Total/NA
Barium	0.19		0.0020	0.00070	mg/L	1		6010B	Dissolved
Calcium	100		0.50	0.10	mg/L	1		6010B	Dissolved
Iron	0.12	B	0.050	0.019	mg/L	1		6010B	Dissolved
Magnesium	43		0.20	0.043	mg/L	1		6010B	Dissolved
Manganese	0.69	B	0.0030	0.00040	mg/L	1		6010B	Dissolved
Potassium	34		0.50	0.10	mg/L	1		6010B	Dissolved
Sodium	260		1.0	0.32	mg/L	1		6010B	Dissolved
Zinc	0.0034	J B	0.010	0.0015	mg/L	1		6010B	Dissolved

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-25581-3

No Detections

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-3
Date Collected: 09/24/12 10:30
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/12 17:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/30/12 17:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/12 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/30/12 17:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/30/12 17:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/12 17:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/30/12 17:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/12 17:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/30/12 17:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/30/12 17:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/30/12 17:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/30/12 17:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/30/12 17:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/30/12 17:05	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/12 17:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/30/12 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/12 17:05	1
Acetone	ND		10	3.0	ug/L			09/30/12 17:05	1
Benzene	ND		1.0	0.41	ug/L			09/30/12 17:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/30/12 17:05	1
Bromoform	ND		1.0	0.26	ug/L			09/30/12 17:05	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/12 17:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/12 17:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/12 17:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/12 17:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/30/12 17:05	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/12 17:05	1
Chloroform	ND		1.0	0.34	ug/L			09/30/12 17:05	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/12 17:05	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.81	ug/L			09/30/12 17:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/30/12 17:05	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/12 17:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/12 17:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/12 17:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/30/12 17:05	1
Methyl acetate	ND		1.0	0.50	ug/L			09/30/12 17:05	1
Methyl tert-butyl ether	**1.5**		1.0	0.16	ug/L			09/30/12 17:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/12 17:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/30/12 17:05	1
Styrene	ND		1.0	0.73	ug/L			09/30/12 17:05	1
Tetrachloroethene	**1.1**		1.0	0.36	ug/L			09/30/12 17:05	1
Toluene	ND		1.0	0.51	ug/L			09/30/12 17:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/12 17:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/12 17:05	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/12 17:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/12 17:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/12 17:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/12 17:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Hexane	*0.84*	*J*	*ug/L*		*3.12*	*110-54-3*		*09/30/12 17:05*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-3
Date Collected: 09/24/12 10:30
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/30/12 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		09/30/12 17:05	1
Toluene-d8 (Surr)	110		71 - 126		09/30/12 17:05	1
4-Bromofluorobenzene (Surr)	102		73 - 120		09/30/12 17:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.7	0.62	ug/L		09/27/12 13:49	09/29/12 15:22	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4,5-Trichlorophenol	ND		4.7	0.46	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,4-Dinitrotoluene	ND	*	4.7	0.42	ug/L		09/27/12 13:49	09/29/12 15:22	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Chlorophenol	ND		4.7	0.50	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Methylphenol	ND		4.7	0.38	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/27/12 13:49	09/29/12 15:22	1
2-Nitrophenol	ND		4.7	0.46	ug/L		09/27/12 13:49	09/29/12 15:22	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		09/27/12 13:49	09/29/12 15:22	1
3-Nitroaniline	ND		9.5	0.46	ug/L		09/27/12 13:49	09/29/12 15:22	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Chloro-3-methylphenol	ND		4.7	0.43	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Chloroaniline	ND		4.7	0.56	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Chlorophenyl phenyl ether	ND	*	4.7	0.33	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/27/12 13:49	09/29/12 15:22	1
4-Nitrophenol	ND		9.5	1.4	ug/L		09/27/12 13:49	09/29/12 15:22	1
Acenaphthene	ND	*	4.7	0.39	ug/L		09/27/12 13:49	09/29/12 15:22	1
Acenaphthylene	ND	*	4.7	0.36	ug/L		09/27/12 13:49	09/29/12 15:22	1
Acetophenone	ND		4.7	0.51	ug/L		09/27/12 13:49	09/29/12 15:22	1
Anthracene	**0.41**	**J**	4.7	0.27	ug/L		09/27/12 13:49	09/29/12 15:22	1
Atrazine	ND		4.7	0.44	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzaldehyde	**0.36**	**J**	4.7	0.25	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzo(a)anthracene	**1.2**	**J**	4.7	0.34	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzo(a)pyrene	**1.0**	**J ***	4.7	0.45	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzo(b)fluoranthene	**1.2**	**J**	4.7	0.32	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzo(g,h,i)perylene	**0.60**	**J**	4.7	0.33	ug/L		09/27/12 13:49	09/29/12 15:22	1
Benzo(k)fluoranthene	ND	*	4.7	0.69	ug/L		09/27/12 13:49	09/29/12 15:22	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		09/27/12 13:49	09/29/12 15:22	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		09/27/12 13:49	09/29/12 15:22	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		09/27/12 13:49	09/29/12 15:22	1
Butyl benzyl phthalate	ND	*	4.7	0.40	ug/L		09/27/12 13:49	09/29/12 15:22	1
Caprolactam	ND		4.7	2.1	ug/L		09/27/12 13:49	09/29/12 15:22	1
Carbazole	ND		4.7	0.28	ug/L		09/27/12 13:49	09/29/12 15:22	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-3
Date Collected: 09/24/12 10:30
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**1.1**	**J**	4.7	0.31	ug/L		09/27/12 13:49	09/29/12 15:22	1
Di-n-butyl phthalate	ND	*	4.7	0.29	ug/L		09/27/12 13:49	09/29/12 15:22	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		09/27/12 13:49	09/29/12 15:22	1
Dibenz(a,h)anthracene	ND	*	4.7	0.40	ug/L		09/27/12 13:49	09/29/12 15:22	1
Dibenzofuran	ND	*	9.5	0.48	ug/L		09/27/12 13:49	09/29/12 15:22	1
Diethyl phthalate	ND		4.7	0.21	ug/L		09/27/12 13:49	09/29/12 15:22	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		09/27/12 13:49	09/29/12 15:22	1
Fluoranthene	ND	*	4.7	0.38	ug/L		09/27/12 13:49	09/29/12 15:22	1
Fluorene	ND	*	4.7	0.34	ug/L		09/27/12 13:49	09/29/12 15:22	1
Hexachlorobenzene	ND	*	4.7	0.48	ug/L		09/27/12 13:49	09/29/12 15:22	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		09/27/12 13:49	09/29/12 15:22	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		09/27/12 13:49	09/29/12 15:22	1
Hexachloroethane	ND		4.7	0.56	ug/L		09/27/12 13:49	09/29/12 15:22	1
Indeno(1,2,3-cd)pyrene	**0.51**	**J ***	4.7	0.45	ug/L		09/27/12 13:49	09/29/12 15:22	1
Isophorone	ND		4.7	0.41	ug/L		09/27/12 13:49	09/29/12 15:22	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		09/27/12 13:49	09/29/12 15:22	1
N-Nitrosodiphenylamine	ND	*	4.7	0.48	ug/L		09/27/12 13:49	09/29/12 15:22	1
Naphthalene	**0.78**	**J**	4.7	0.72	ug/L		09/27/12 13:49	09/29/12 15:22	1
Nitrobenzene	ND		4.7	0.28	ug/L		09/27/12 13:49	09/29/12 15:22	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:22	1
Phenanthrene	**2.1**	**J**	4.7	0.42	ug/L		09/27/12 13:49	09/29/12 15:22	1
Phenol	ND		4.7	0.37	ug/L		09/27/12 13:49	09/29/12 15:22	1
Pyrene	**1.9**	**J ***	4.7	0.32	ug/L		09/27/12 13:49	09/29/12 15:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.2*	*T J*	*ug/L*		*2.02*		*09/27/12 13:49*	*09/29/12 15:22*	*1*
Benzene	*100*	*T J N*	*ug/L*		*2.15*	*71-43-2*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
Unknown	*350*	*T J*	*ug/L*		*2.23*		*09/27/12 13:49*	*09/29/12 15:22*	*1*
1,4-Dioxane	*5.0*	*J*	*ug/L*		*2.47*	*123-91-1*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
Octadecanoic acid, butyl ester	*9.0*	*T J N*	*ug/L*		*13.13*	*123-95-5*	*09/27/12 13:49*	*09/29/12 15:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
2-Fluorophenol	*38*		*20 - 120*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
p-Terphenyl-d14	*77*		*67 - 150*	*09/27/12 13:49*	*09/29/12 15:22*	*1*
Phenol-d5	*26*		*16 - 120*	*09/27/12 13:49*	*09/29/12 15:22*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:58	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 21:58	1

Client Sample ID: NS-MW-WG-3
Date Collected: 09/24/12 10:30
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:58*	*1*
DCB Decachlorobiphenyl	*94*		*19 - 126*	*09/26/12 07:01*	*09/26/12 21:58*	*1*
Tetrachloro-m-xylene	*93*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:58*	*1*
Tetrachloro-m-xylene	*92*		*23 - 127*	*09/26/12 07:01*	*09/26/12 21:58*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.19**	**J**	0.20	0.060	mg/L		09/26/12 08:00	09/26/12 19:06	1
Antimony	ND		0.020	0.0068	mg/L		09/26/12 08:00	09/26/12 19:06	1
Arsenic	**0.0064**	**J**	0.010	0.0056	mg/L		09/26/12 08:00	09/26/12 19:06	1
Barium	**0.38**		0.0020	0.00070	mg/L		09/26/12 08:00	09/26/12 19:06	1
Beryllium	ND		0.0020	0.00030	mg/L		09/26/12 08:00	09/26/12 19:06	1
Cadmium	ND		0.0010	0.00050	mg/L		09/26/12 08:00	09/26/12 19:06	1
Calcium	**170**		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:06	1
Chromium	**0.0026**	**J**	0.0040	0.0010	mg/L		09/26/12 08:00	09/26/12 19:06	1
Cobalt	**0.0029**	**J**	0.0040	0.00063	mg/L		09/26/12 08:00	09/26/12 19:06	1
Copper	**0.019**		0.010	0.0016	mg/L		09/26/12 08:00	09/26/12 19:06	1
Iron	**5.2**		0.050	0.019	mg/L		09/26/12 08:00	09/26/12 19:06	1
Lead	**0.055**		0.0050	0.0030	mg/L		09/26/12 08:00	09/26/12 19:06	1
Magnesium	**28**		0.20	0.043	mg/L		09/26/12 08:00	09/26/12 19:06	1
Manganese	**0.88**		0.0030	0.00040	mg/L		09/26/12 08:00	09/26/12 19:06	1
Nickel	**0.011**		0.010	0.0013	mg/L		09/26/12 08:00	09/26/12 19:06	1
Potassium	**28**		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:06	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 08:00	09/26/12 19:06	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 08:00	09/26/12 19:06	1
Sodium	**110**		1.0	0.32	mg/L		09/26/12 08:00	09/26/12 19:06	1
Thallium	ND		0.020	0.010	mg/L		09/26/12 08:00	09/26/12 19:06	1
Vanadium	**0.0056**		0.0050	0.0015	mg/L		09/26/12 08:00	09/26/12 19:06	1
Zinc	**0.24**		0.010	0.0015	mg/L		09/26/12 08:00	09/26/12 19:06	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/01/12 08:30	10/01/12 19:48	1
Antimony	ND		0.020	0.0068	mg/L		10/01/12 08:30	10/01/12 19:48	1
Arsenic	ND		0.010	0.0056	mg/L		10/01/12 08:30	10/01/12 19:48	1
Barium	**0.32**		0.0020	0.00070	mg/L		10/01/12 08:30	10/01/12 19:48	1
Beryllium	ND		0.0020	0.00030	mg/L		10/01/12 08:30	10/01/12 19:48	1
Cadmium	ND		0.0010	0.00050	mg/L		10/01/12 08:30	10/01/12 19:48	1
Calcium	**170**		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:48	1
Chromium	ND		0.0040	0.0010	mg/L		10/01/12 08:30	10/01/12 19:48	1
Cobalt	**0.0028**	**J**	0.0040	0.00063	mg/L		10/01/12 08:30	10/01/12 19:48	1
Copper	**0.0039**	**J**	0.010	0.0016	mg/L		10/01/12 08:30	10/01/12 19:48	1
Iron	**0.041**	**J B**	0.050	0.019	mg/L		10/01/12 08:30	10/01/12 19:48	1
Lead	ND		0.0050	0.0030	mg/L		10/01/12 08:30	10/01/12 19:48	1
Magnesium	**28**		0.20	0.043	mg/L		10/01/12 08:30	10/01/12 19:48	1
Manganese	**0.87**	**B**	0.0030	0.00040	mg/L		10/01/12 08:30	10/01/12 19:48	1
Nickel	**0.0080**	**J**	0.010	0.0013	mg/L		10/01/12 08:30	10/01/12 19:48	1
Potassium	**27**		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:48	1
Selenium	ND		0.015	0.0087	mg/L		10/01/12 08:30	10/01/12 19:48	1
Silver	ND		0.0030	0.0017	mg/L		10/01/12 08:30	10/01/12 19:48	1
Sodium	**110**		1.0	0.32	mg/L		10/01/12 08:30	10/01/12 19:48	1
Thallium	ND		0.020	0.010	mg/L		10/01/12 08:30	10/01/12 19:48	1

Client Sample ID: NS-MW-WG-3

Lab Sample ID: 480-25581-1

Date Collected: 09/24/12 10:30

Matrix: Water

Date Received: 09/25/12 09:00

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		10/01/12 08:30	10/01/12 19:48	1
Zinc	0.17	B	0.010	0.0015	mg/L		10/01/12 08:30	10/01/12 19:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 08:30	09/26/12 13:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/02/12 08:45	10/02/12 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/26/12 18:50	09/27/12 13:53	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:15	1

Client Sample ID: NS-MW-WG-10

Lab Sample ID: 480-25581-2

Date Collected: 09/24/12 11:50

Matrix: Water

Date Received: 09/25/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/30/12 17:26	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/30/12 17:26	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/30/12 17:26	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/30/12 17:26	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/30/12 17:26	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/30/12 17:26	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/30/12 17:26	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/30/12 17:26	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/30/12 17:26	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/30/12 17:26	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/30/12 17:26	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/30/12 17:26	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/30/12 17:26	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/30/12 17:26	2
2-Hexanone	ND		10	2.5	ug/L			09/30/12 17:26	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/30/12 17:26	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/30/12 17:26	2
Acetone	ND		20	6.0	ug/L			09/30/12 17:26	2
Benzene	ND		2.0	0.82	ug/L			09/30/12 17:26	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/30/12 17:26	2
Bromoform	ND		2.0	0.52	ug/L			09/30/12 17:26	2
Bromomethane	ND		2.0	1.4	ug/L			09/30/12 17:26	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/30/12 17:26	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/30/12 17:26	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/30/12 17:26	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/30/12 17:26	2
Chloroethane	ND		2.0	0.64	ug/L			09/30/12 17:26	2

Client Sample ID: NS-MW-WG-10
Date Collected: 09/24/12 11:50
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.0	0.68	ug/L			09/30/12 17:26	2
Chloromethane	ND		2.0	0.70	ug/L			09/30/12 17:26	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/30/12 17:26	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/30/12 17:26	2
Cyclohexane	ND		2.0	0.36	ug/L			09/30/12 17:26	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/30/12 17:26	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/30/12 17:26	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/30/12 17:26	2
Methyl acetate	ND		2.0	1.0	ug/L			09/30/12 17:26	2
Methyl tert-butyl ether	**2.8**		2.0	0.32	ug/L			09/30/12 17:26	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/30/12 17:26	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/30/12 17:26	2
Styrene	ND		2.0	1.5	ug/L			09/30/12 17:26	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/30/12 17:26	2
Toluene	ND		2.0	1.0	ug/L			09/30/12 17:26	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/30/12 17:26	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/30/12 17:26	2
Trichloroethene	ND		2.0	0.92	ug/L			09/30/12 17:26	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/30/12 17:26	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/30/12 17:26	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/30/12 17:26	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Hexane	*1.4*	*J*	*ug/L*		*3.12*	*110-54-3*		*09/30/12 17:26*	*2*
1,4-Dioxane	*69*	*J*	*ug/L*		*5.38*	*123-91-1*		*09/30/12 17:26*	*2*
Tentatively Identified Compound	*None*		*ug/L*					*09/30/12 17:26*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*09/30/12 17:26*	*2*
Toluene-d8 (Surr)	*109*		*71 - 126*		*09/30/12 17:26*	*2*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/30/12 17:26*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		09/27/12 13:49	09/29/12 15:45	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4-Dichlorophenol	ND		4.8	0.49	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,4-Dinitrotoluene	ND	*	4.8	0.43	ug/L		09/27/12 13:49	09/29/12 15:45	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Chlorophenol	ND		4.8	0.50	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Methylphenol	ND		4.8	0.38	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Nitroaniline	ND		9.5	0.40	ug/L		09/27/12 13:49	09/29/12 15:45	1
2-Nitrophenol	ND		4.8	0.46	ug/L		09/27/12 13:49	09/29/12 15:45	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		09/27/12 13:49	09/29/12 15:45	1
3-Nitroaniline	ND		9.5	0.46	ug/L		09/27/12 13:49	09/29/12 15:45	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:45	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-10
Date Collected: 09/24/12 11:50
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Chloroaniline	ND		4.8	0.56	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Chlorophenyl phenyl ether	ND	*	4.8	0.33	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Methylphenol	ND		9.5	0.34	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Nitroaniline	ND		9.5	0.24	ug/L		09/27/12 13:49	09/29/12 15:45	1
4-Nitrophenol	ND		9.5	1.4	ug/L		09/27/12 13:49	09/29/12 15:45	1
Acenaphthene	ND	*	4.8	0.39	ug/L		09/27/12 13:49	09/29/12 15:45	1
Acenaphthylene	ND	*	4.8	0.36	ug/L		09/27/12 13:49	09/29/12 15:45	1
Acetophenone	ND		4.8	0.51	ug/L		09/27/12 13:49	09/29/12 15:45	1
Anthracene	ND		4.8	0.27	ug/L		09/27/12 13:49	09/29/12 15:45	1
Atrazine	ND		4.8	0.44	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzaldehyde	ND		4.8	0.25	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzo(a)pyrene	ND	*	4.8	0.45	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		09/27/12 13:49	09/29/12 15:45	1
Benzo(k)fluoranthene	ND	*	4.8	0.70	ug/L		09/27/12 13:49	09/29/12 15:45	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		09/27/12 13:49	09/29/12 15:45	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		09/27/12 13:49	09/29/12 15:45	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		09/27/12 13:49	09/29/12 15:45	1
Butyl benzyl phthalate	ND	*	4.8	0.40	ug/L		09/27/12 13:49	09/29/12 15:45	1
Caprolactam	ND		4.8	2.1	ug/L		09/27/12 13:49	09/29/12 15:45	1
Carbazole	ND		4.8	0.29	ug/L		09/27/12 13:49	09/29/12 15:45	1
Chrysene	ND		4.8	0.31	ug/L		09/27/12 13:49	09/29/12 15:45	1
Di-n-butyl phthalate	ND	*	4.8	0.30	ug/L		09/27/12 13:49	09/29/12 15:45	1
Di-n-octyl phthalate	**1.0**	**J**	4.8	0.45	ug/L		09/27/12 13:49	09/29/12 15:45	1
Dibenz(a,h)anthracene	ND	*	4.8	0.40	ug/L		09/27/12 13:49	09/29/12 15:45	1
Dibenzofuran	ND	*	9.5	0.49	ug/L		09/27/12 13:49	09/29/12 15:45	1
Diethyl phthalate	ND		4.8	0.21	ug/L		09/27/12 13:49	09/29/12 15:45	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		09/27/12 13:49	09/29/12 15:45	1
Fluoranthene	ND	*	4.8	0.38	ug/L		09/27/12 13:49	09/29/12 15:45	1
Fluorene	ND	*	4.8	0.34	ug/L		09/27/12 13:49	09/29/12 15:45	1
Hexachlorobenzene	ND	*	4.8	0.49	ug/L		09/27/12 13:49	09/29/12 15:45	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		09/27/12 13:49	09/29/12 15:45	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		09/27/12 13:49	09/29/12 15:45	1
Hexachloroethane	ND		4.8	0.56	ug/L		09/27/12 13:49	09/29/12 15:45	1
Indeno(1,2,3-cd)pyrene	ND	*	4.8	0.45	ug/L		09/27/12 13:49	09/29/12 15:45	1
Isophorone	ND		4.8	0.41	ug/L		09/27/12 13:49	09/29/12 15:45	1
N-Nitrosodi-n-propylamine	ND		4.8	0.51	ug/L		09/27/12 13:49	09/29/12 15:45	1
N-Nitrosodiphenylamine	ND	*	4.8	0.49	ug/L		09/27/12 13:49	09/29/12 15:45	1
Naphthalene	ND		4.8	0.72	ug/L		09/27/12 13:49	09/29/12 15:45	1
Nitrobenzene	ND		4.8	0.28	ug/L		09/27/12 13:49	09/29/12 15:45	1
Pentachlorophenol	ND		9.5	2.1	ug/L		09/27/12 13:49	09/29/12 15:45	1
Phenanthrene	ND		4.8	0.42	ug/L		09/27/12 13:49	09/29/12 15:45	1
Phenol	ND		4.8	0.37	ug/L		09/27/12 13:49	09/29/12 15:45	1
Pyrene	ND	*	4.8	0.32	ug/L		09/27/12 13:49	09/29/12 15:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.7*	*T J*	*ug/L*		*2.02*		*09/27/12 13:49*	*09/29/12 15:45*	*1*
Cyclohexane	*38*	*T J N*	*ug/L*		*2.15*	*110-82-7*	*09/27/12 13:49*	*09/29/12 15:45*	*1*

Client Sample ID: NS-MW-WG-10
Date Collected: 09/24/12 11:50
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	380	T J	ug/L		2.23		09/27/12 13:49	09/29/12 15:45	1
1,4-Dioxane	39		ug/L		2.47	123-91-1	09/27/12 13:49	09/29/12 15:45	1
Hexadecanoic acid, butyl ester	26	T J N	ug/L		12.54	111-6-8	09/27/12 13:49	09/29/12 15:45	1
Octadecanoic acid, butyl ester	28	T J N	ug/L		13.15	123-95-5	09/27/12 13:49	09/29/12 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		52 - 132	09/27/12 13:49	09/29/12 15:45	1
2-Fluorobiphenyl	89		48 - 120	09/27/12 13:49	09/29/12 15:45	1
2-Fluorophenol	44		20 - 120	09/27/12 13:49	09/29/12 15:45	1
Nitrobenzene-d5	86		46 - 120	09/27/12 13:49	09/29/12 15:45	1
p-Terphenyl-d14	68		67 - 150	09/27/12 13:49	09/29/12 15:45	1
Phenol-d5	30		16 - 120	09/27/12 13:49	09/29/12 15:45	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1221	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1232	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1242	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1248	ND		0.48	0.17	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1254	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1260	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1262	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 22:13	1
PCB-1268	ND		0.48	0.24	ug/L		09/26/12 07:01	09/26/12 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		19 - 126	09/26/12 07:01	09/26/12 22:13	1
DCB Decachlorobiphenyl	102		19 - 126	09/26/12 07:01	09/26/12 22:13	1
Tetrachloro-m-xylene	96		23 - 127	09/26/12 07:01	09/26/12 22:13	1
Tetrachloro-m-xylene	95		23 - 127	09/26/12 07:01	09/26/12 22:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/26/12 08:00	09/26/12 19:08	1
Antimony	ND		0.020	0.0068	mg/L		09/26/12 08:00	09/26/12 19:08	1
Arsenic	ND		0.010	0.0056	mg/L		09/26/12 08:00	09/26/12 19:08	1
Barium	**0.33**		0.0020	0.00070	mg/L		09/26/12 08:00	09/26/12 19:08	1
Beryllium	ND		0.0020	0.00030	mg/L		09/26/12 08:00	09/26/12 19:08	1
Cadmium	ND		0.0010	0.00050	mg/L		09/26/12 08:00	09/26/12 19:08	1
Calcium	**100**		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:08	1
Chromium	ND		0.0040	0.0010	mg/L		09/26/12 08:00	09/26/12 19:08	1
Cobalt	ND		0.0040	0.00063	mg/L		09/26/12 08:00	09/26/12 19:08	1
Copper	ND		0.010	0.0016	mg/L		09/26/12 08:00	09/26/12 19:08	1
Iron	**18**		0.050	0.019	mg/L		09/26/12 08:00	09/26/12 19:08	1
Lead	ND		0.0050	0.0030	mg/L		09/26/12 08:00	09/26/12 19:08	1
Magnesium	**43**		0.20	0.043	mg/L		09/26/12 08:00	09/26/12 19:08	1
Manganese	**0.74**		0.0030	0.00040	mg/L		09/26/12 08:00	09/26/12 19:08	1
Nickel	ND		0.010	0.0013	mg/L		09/26/12 08:00	09/26/12 19:08	1
Potassium	**34**		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:08	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 08:00	09/26/12 19:08	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 08:00	09/26/12 19:08	1

Client Sample ID: NS-MW-WG-10
Date Collected: 09/24/12 11:50
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-2
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**270**		1.0	0.32	mg/L		09/26/12 08:00	09/26/12 19:08	1
Thallium	ND		0.020	0.010	mg/L		09/26/12 08:00	09/26/12 19:08	1
Vanadium	**0.0039**	**J**	0.0050	0.0015	mg/L		09/26/12 08:00	09/26/12 19:08	1
Zinc	**0.0036**	**J**	0.010	0.0015	mg/L		09/26/12 08:00	09/26/12 19:08	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/01/12 08:30	10/01/12 19:50	1
Antimony	ND		0.020	0.0068	mg/L		10/01/12 08:30	10/01/12 19:50	1
Arsenic	ND		0.010	0.0056	mg/L		10/01/12 08:30	10/01/12 19:50	1
Barium	**0.19**		0.0020	0.00070	mg/L		10/01/12 08:30	10/01/12 19:50	1
Beryllium	ND		0.0020	0.00030	mg/L		10/01/12 08:30	10/01/12 19:50	1
Cadmium	ND		0.0010	0.00050	mg/L		10/01/12 08:30	10/01/12 19:50	1
Calcium	**100**		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:50	1
Chromium	ND		0.0040	0.0010	mg/L		10/01/12 08:30	10/01/12 19:50	1
Cobalt	ND		0.0040	0.00063	mg/L		10/01/12 08:30	10/01/12 19:50	1
Copper	ND		0.010	0.0016	mg/L		10/01/12 08:30	10/01/12 19:50	1
Iron	**0.12**	**B**	0.050	0.019	mg/L		10/01/12 08:30	10/01/12 19:50	1
Lead	ND		0.0050	0.0030	mg/L		10/01/12 08:30	10/01/12 19:50	1
Magnesium	**43**		0.20	0.043	mg/L		10/01/12 08:30	10/01/12 19:50	1
Manganese	**0.69**	**B**	0.0030	0.00040	mg/L		10/01/12 08:30	10/01/12 19:50	1
Nickel	ND		0.010	0.0013	mg/L		10/01/12 08:30	10/01/12 19:50	1
Potassium	**34**		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:50	1
Selenium	ND		0.015	0.0087	mg/L		10/01/12 08:30	10/01/12 19:50	1
Silver	ND		0.0030	0.0017	mg/L		10/01/12 08:30	10/01/12 19:50	1
Sodium	**260**		1.0	0.32	mg/L		10/01/12 08:30	10/01/12 19:50	1
Thallium	ND		0.020	0.010	mg/L		10/01/12 08:30	10/01/12 19:50	1
Vanadium	ND		0.0050	0.0015	mg/L		10/01/12 08:30	10/01/12 19:50	1
Zinc	**0.0034**	**J B**	0.010	0.0015	mg/L		10/01/12 08:30	10/01/12 19:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 08:30	09/26/12 13:26	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/02/12 08:45	10/02/12 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/27/12 16:30	09/28/12 00:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:16	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: TRIP BLANK
Date Collected: 09/24/12 00:00
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/12 20:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/12 20:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/12 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/29/12 20:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/12 20:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/12 20:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/12 20:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/12 20:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/29/12 20:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/12 20:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/12 20:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/12 20:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/12 20:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/12 20:12	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/12 20:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/12 20:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/12 20:12	1
Acetone	ND		10	3.0	ug/L			09/29/12 20:12	1
Benzene	ND		1.0	0.41	ug/L			09/29/12 20:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/12 20:12	1
Bromoform	ND		1.0	0.26	ug/L			09/29/12 20:12	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/12 20:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/12 20:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/12 20:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/12 20:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/29/12 20:12	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/12 20:12	1
Chloroform	ND		1.0	0.34	ug/L			09/29/12 20:12	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/12 20:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/29/12 20:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/12 20:12	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/12 20:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/12 20:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/12 20:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/12 20:12	1
Methyl acetate	ND		1.0	0.50	ug/L			09/29/12 20:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/12 20:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/12 20:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/12 20:12	1
Styrene	ND		1.0	0.73	ug/L			09/29/12 20:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/12 20:12	1
Toluene	ND		1.0	0.51	ug/L			09/29/12 20:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/12 20:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/12 20:12	1
Trichloroethene	ND		1.0	0.46	ug/L			09/29/12 20:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/12 20:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/12 20:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/12 20:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/29/12 20:12*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: TRIP BLANK
Date Collected: 09/24/12 00:00
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/29/12 20:12	1
Toluene-d8 (Surr)	107		71 - 126		09/29/12 20:12	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/29/12 20:12	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25581-1	NS-MW-WG-3	102	110	102
480-25581-2	NS-MW-WG-10	104	109	101
480-25581-3	TRIP BLANK	99	107	100
LCS 480-83016/4	Lab Control Sample	105	105	100
LCS 480-83047/4	Lab Control Sample	107	108	103
MB 480-83016/5	Method Blank	99	107	100
MB 480-83047/5	Method Blank	102	109	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25581-1	NS-MW-WG-3	99	77	38	73	77	26
480-25581-2	NS-MW-WG-10	97	89	44	86	68	30
LCS 480-82612/2-A	Lab Control Sample	101	99	50	94	112	34
MB 480-82612/1-A	Method Blank	94	85	42	82	87	30

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(19-126)	(19-126)	(23-127)	(23-127)
480-25581-1	NS-MW-WG-3	100	94	93	92
480-25581-2	NS-MW-WG-10	109	102	96	95
LCS 480-82258/2-A	Lab Control Sample	55	53	99	91
MB 480-82258/1-A	Method Blank	63	59	90	93

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-83016/5
Matrix: Water
Analysis Batch: 83016

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/29/12 15:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/29/12 15:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/29/12 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/29/12 15:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/29/12 15:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/29/12 15:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/29/12 15:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/29/12 15:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/29/12 15:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/29/12 15:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/29/12 15:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/29/12 15:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/29/12 15:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/29/12 15:32	1
2-Hexanone	ND		5.0	1.2	ug/L			09/29/12 15:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/29/12 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/29/12 15:32	1
Acetone	ND		10	3.0	ug/L			09/29/12 15:32	1
Benzene	ND		1.0	0.41	ug/L			09/29/12 15:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/29/12 15:32	1
Bromoform	ND		1.0	0.26	ug/L			09/29/12 15:32	1
Bromomethane	ND		1.0	0.69	ug/L			09/29/12 15:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/29/12 15:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/29/12 15:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/29/12 15:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/29/12 15:32	1
Chloroethane	ND		1.0	0.32	ug/L			09/29/12 15:32	1
Chloroform	ND		1.0	0.34	ug/L			09/29/12 15:32	1
Chloromethane	ND		1.0	0.35	ug/L			09/29/12 15:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/29/12 15:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/29/12 15:32	1
Cyclohexane	ND		1.0	0.18	ug/L			09/29/12 15:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/29/12 15:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/29/12 15:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/29/12 15:32	1
Methyl acetate	ND		1.0	0.50	ug/L			09/29/12 15:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/29/12 15:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/29/12 15:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/29/12 15:32	1
Styrene	ND		1.0	0.73	ug/L			09/29/12 15:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/29/12 15:32	1
Toluene	ND		1.0	0.51	ug/L			09/29/12 15:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/29/12 15:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/29/12 15:32	1
Trichloroethene	ND		1.0	0.46	ug/L			09/29/12 15:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/29/12 15:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/29/12 15:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/29/12 15:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-83016/5
Matrix: Water
Analysis Batch: 83016

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					09/29/12 15:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		09/29/12 15:32	1
Toluene-d8 (Surr)	107		71 - 126		09/29/12 15:32	1
4-Bromofluorobenzene (Surr)	100		73 - 120		09/29/12 15:32	1

Lab Sample ID: LCS 480-83016/4
Matrix: Water
Analysis Batch: 83016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.4		ug/L		94	71 - 129
1,1-Dichloroethene	25.0	20.8		ug/L		83	58 - 121
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 127
Benzene	25.0	24.3		ug/L		97	71 - 124
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
Methyl tert-butyl ether	25.0	21.0		ug/L		84	64 - 127
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	24.0		ug/L		96	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		66 - 137
Toluene-d8 (Surr)	105		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Lab Sample ID: MB 480-83047/5
Matrix: Water
Analysis Batch: 83047

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/30/12 14:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/30/12 14:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/30/12 14:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/30/12 14:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/30/12 14:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/30/12 14:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/30/12 14:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/30/12 14:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/30/12 14:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/30/12 14:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/30/12 14:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/30/12 14:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/30/12 14:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-83047/5
Matrix: Water
Analysis Batch: 83047

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/30/12 14:20	1
2-Hexanone	ND		5.0	1.2	ug/L			09/30/12 14:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/30/12 14:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/30/12 14:20	1
Acetone	ND		10	3.0	ug/L			09/30/12 14:20	1
Benzene	ND		1.0	0.41	ug/L			09/30/12 14:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/30/12 14:20	1
Bromoform	ND		1.0	0.26	ug/L			09/30/12 14:20	1
Bromomethane	ND		1.0	0.69	ug/L			09/30/12 14:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/30/12 14:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/30/12 14:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/30/12 14:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/30/12 14:20	1
Chloroethane	ND		1.0	0.32	ug/L			09/30/12 14:20	1
Chloroform	ND		1.0	0.34	ug/L			09/30/12 14:20	1
Chloromethane	ND		1.0	0.35	ug/L			09/30/12 14:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/30/12 14:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/30/12 14:20	1
Cyclohexane	ND		1.0	0.18	ug/L			09/30/12 14:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/30/12 14:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/30/12 14:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/30/12 14:20	1
Methyl acetate	ND		1.0	0.50	ug/L			09/30/12 14:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/30/12 14:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/30/12 14:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/30/12 14:20	1
Styrene	ND		1.0	0.73	ug/L			09/30/12 14:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/30/12 14:20	1
Toluene	ND		1.0	0.51	ug/L			09/30/12 14:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/30/12 14:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/30/12 14:20	1
Trichloroethene	ND		1.0	0.46	ug/L			09/30/12 14:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/30/12 14:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/30/12 14:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/30/12 14:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/30/12 14:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*09/30/12 14:20*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*09/30/12 14:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*09/30/12 14:20*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-83047/4
Matrix: Water
Analysis Batch: 83047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.0		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	19.8		ug/L		79	58 - 121
1,2-Dichlorobenzene	25.0	23.4		ug/L		93	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 127
Benzene	25.0	23.6		ug/L		95	71 - 124
Chlorobenzene	25.0	23.7		ug/L		95	72 - 120
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 - 124
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
Methyl tert-butyl ether	25.0	20.2		ug/L		81	64 - 127
Tetrachloroethene	25.0	24.7		ug/L		99	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
Trichloroethene	25.0	23.0		ug/L		92	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*
Toluene-d8 (Surr)	*108*		*71 - 126*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-82612/1-A
Matrix: Water
Analysis Batch: 83003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/27/12 13:48	09/29/12 13:24	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/27/12 13:48	09/29/12 13:24	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Nitroaniline	ND		10	0.42	ug/L		09/27/12 13:48	09/29/12 13:24	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/27/12 13:48	09/29/12 13:24	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/27/12 13:48	09/29/12 13:24	1
3-Nitroaniline	ND		10	0.48	ug/L		09/27/12 13:48	09/29/12 13:24	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Methylphenol	ND		10	0.36	ug/L		09/27/12 13:48	09/29/12 13:24	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82612/1-A
Matrix: Water
Analysis Batch: 83003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10	0.25	ug/L		09/27/12 13:48	09/29/12 13:24	1
4-Nitrophenol	ND		10	1.5	ug/L		09/27/12 13:48	09/29/12 13:24	1
Acenaphthene	ND		5.0	0.41	ug/L		09/27/12 13:48	09/29/12 13:24	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/27/12 13:48	09/29/12 13:24	1
Acetophenone	ND		5.0	0.54	ug/L		09/27/12 13:48	09/29/12 13:24	1
Anthracene	ND		5.0	0.28	ug/L		09/27/12 13:48	09/29/12 13:24	1
Atrazine	ND		5.0	0.46	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/27/12 13:48	09/29/12 13:24	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/27/12 13:48	09/29/12 13:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/27/12 13:48	09/29/12 13:24	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/27/12 13:48	09/29/12 13:24	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		09/27/12 13:48	09/29/12 13:24	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		09/27/12 13:48	09/29/12 13:24	1
Caprolactam	ND		5.0	2.2	ug/L		09/27/12 13:48	09/29/12 13:24	1
Carbazole	ND		5.0	0.30	ug/L		09/27/12 13:48	09/29/12 13:24	1
Chrysene	ND		5.0	0.33	ug/L		09/27/12 13:48	09/29/12 13:24	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/27/12 13:48	09/29/12 13:24	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/27/12 13:48	09/29/12 13:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/27/12 13:48	09/29/12 13:24	1
Dibenzofuran	ND		10	0.51	ug/L		09/27/12 13:48	09/29/12 13:24	1
Diethyl phthalate	ND		5.0	0.22	ug/L		09/27/12 13:48	09/29/12 13:24	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/27/12 13:48	09/29/12 13:24	1
Fluoranthene	ND		5.0	0.40	ug/L		09/27/12 13:48	09/29/12 13:24	1
Fluorene	ND		5.0	0.36	ug/L		09/27/12 13:48	09/29/12 13:24	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/27/12 13:48	09/29/12 13:24	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/27/12 13:48	09/29/12 13:24	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/27/12 13:48	09/29/12 13:24	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/27/12 13:48	09/29/12 13:24	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/27/12 13:48	09/29/12 13:24	1
Isophorone	ND		5.0	0.43	ug/L		09/27/12 13:48	09/29/12 13:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/27/12 13:48	09/29/12 13:24	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/27/12 13:48	09/29/12 13:24	1
Naphthalene	ND		5.0	0.76	ug/L		09/27/12 13:48	09/29/12 13:24	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/27/12 13:48	09/29/12 13:24	1
Pentachlorophenol	ND		10	2.2	ug/L		09/27/12 13:48	09/29/12 13:24	1
Phenanthrene	ND		5.0	0.44	ug/L		09/27/12 13:48	09/29/12 13:24	1
Phenol	ND		5.0	0.39	ug/L		09/27/12 13:48	09/29/12 13:24	1
Pyrene	ND		5.0	0.34	ug/L		09/27/12 13:48	09/29/12 13:24	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene	*71.8*	*T J N*	*ug/L*		*2.12*	*71-43-2*	*09/27/12 13:48*	*09/29/12 13:24*	*1*
Butane, 2-methoxy-2-methyl-	*369*	*T J N*	*ug/L*		*2.20*	*994-5-8*	*09/27/12 13:48*	*09/29/12 13:24*	*1*
Benzyl alcohol	*2.62*	*J*	*ug/L*		*6.13*	*100-51-6*	*09/27/12 13:48*	*09/29/12 13:24*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82612/1-A
Matrix: Water
Analysis Batch: 83003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82612

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 132	09/27/12 13:48	09/29/12 13:24	1
2-Fluorobiphenyl	85		48 - 120	09/27/12 13:48	09/29/12 13:24	1
2-Fluorophenol	42		20 - 120	09/27/12 13:48	09/29/12 13:24	1
Nitrobenzene-d5	82		46 - 120	09/27/12 13:48	09/29/12 13:24	1
p-Terphenyl-d14	87		67 - 150	09/27/12 13:48	09/29/12 13:24	1
Phenol-d5	30		16 - 120	09/27/12 13:48	09/29/12 13:24	1

Lab Sample ID: LCS 480-82612/2-A
Matrix: Water
Analysis Batch: 83003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	100	129	*	ug/L		129	59 - 125
2-Chlorophenol	100	82.2		ug/L		82	48 - 120
4-Chloro-3-methylphenol	100	100		ug/L		100	64 - 120
4-Nitrophenol	100	39.1		ug/L		39	16 - 120
Acenaphthene	100	129	*	ug/L		129	60 - 120
Bis(2-ethylhexyl) phthalate	100	124		ug/L		124	69 - 136
Fluorene	100	139	*	ug/L		139	66 - 129
Hexachloroethane	100	81.4		ug/L		81	25 - 120
N-Nitrosodi-n-propylamine	100	95.6		ug/L		96	56 - 120
Pentachlorophenol	100	128		ug/L		128	39 - 136
Phenol	100	51.6		ug/L		52	17 - 120
Pyrene	100	138	*	ug/L		138	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	101		52 - 132
2-Fluorobiphenyl	99		48 - 120
2-Fluorophenol	50		20 - 120
Nitrobenzene-d5	94		46 - 120
p-Terphenyl-d14	112		67 - 150
Phenol-d5	34		16 - 120

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-82258/1-A
Matrix: Water
Analysis Batch: 82253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1221	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1232	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1242	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1248	ND		0.50	0.18	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1254	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1260	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1262	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1
PCB-1268	ND		0.50	0.25	ug/L		09/26/12 07:01	09/26/12 15:48	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-82258/1-A
Matrix: Water
Analysis Batch: 82253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82258

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		19 - 126	09/26/12 07:01	09/26/12 15:48	1
DCB Decachlorobiphenyl	59		19 - 126	09/26/12 07:01	09/26/12 15:48	1
Tetrachloro-m-xylene	90		23 - 127	09/26/12 07:01	09/26/12 15:48	1
Tetrachloro-m-xylene	93		23 - 127	09/26/12 07:01	09/26/12 15:48	1

Lab Sample ID: LCS 480-82258/2-A
Matrix: Water
Analysis Batch: 82253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.00	4.58		ug/L		92	61 - 137
PCB-1260	5.00	3.79		ug/L		76	45 - 139

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		19 - 126
DCB Decachlorobiphenyl	53		19 - 126
Tetrachloro-m-xylene	99		23 - 127
Tetrachloro-m-xylene	91		23 - 127

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-82264/1-A
Matrix: Water
Analysis Batch: 82494

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/26/12 08:00	09/26/12 19:02	1
Antimony	ND		0.020	0.0068	mg/L		09/26/12 08:00	09/26/12 19:02	1
Arsenic	ND		0.010	0.0056	mg/L		09/26/12 08:00	09/26/12 19:02	1
Barium	ND		0.0020	0.00070	mg/L		09/26/12 08:00	09/26/12 19:02	1
Beryllium	ND		0.0020	0.00030	mg/L		09/26/12 08:00	09/26/12 19:02	1
Cadmium	ND		0.0010	0.00050	mg/L		09/26/12 08:00	09/26/12 19:02	1
Calcium	ND		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:02	1
Chromium	ND		0.0040	0.0010	mg/L		09/26/12 08:00	09/26/12 19:02	1
Cobalt	ND		0.0040	0.00063	mg/L		09/26/12 08:00	09/26/12 19:02	1
Copper	ND		0.010	0.0016	mg/L		09/26/12 08:00	09/26/12 19:02	1
Iron	ND		0.050	0.019	mg/L		09/26/12 08:00	09/26/12 19:02	1
Lead	ND		0.0050	0.0030	mg/L		09/26/12 08:00	09/26/12 19:02	1
Magnesium	ND		0.20	0.043	mg/L		09/26/12 08:00	09/26/12 19:02	1
Manganese	ND		0.0030	0.00040	mg/L		09/26/12 08:00	09/26/12 19:02	1
Nickel	ND		0.010	0.0013	mg/L		09/26/12 08:00	09/26/12 19:02	1
Potassium	ND		0.50	0.10	mg/L		09/26/12 08:00	09/26/12 19:02	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 08:00	09/26/12 19:02	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 08:00	09/26/12 19:02	1
Sodium	ND		1.0	0.32	mg/L		09/26/12 08:00	09/26/12 19:02	1
Thallium	ND		0.020	0.010	mg/L		09/26/12 08:00	09/26/12 19:02	1
Vanadium	ND		0.0050	0.0015	mg/L		09/26/12 08:00	09/26/12 19:02	1
Zinc	ND		0.010	0.0015	mg/L		09/26/12 08:00	09/26/12 19:02	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-82264/2-A
Matrix: Water
Analysis Batch: 82494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.0		mg/L		100	80 - 120
Antimony	0.200	0.204		mg/L		102	80 - 120
Arsenic	0.200	0.204		mg/L		102	80 - 120
Barium	0.200	0.206		mg/L		103	80 - 120
Beryllium	0.200	0.203		mg/L		102	80 - 120
Cadmium	0.200	0.204		mg/L		102	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120
Chromium	0.200	0.209		mg/L		104	80 - 120
Cobalt	0.200	0.202		mg/L		101	80 - 120
Copper	0.200	0.206		mg/L		103	80 - 120
Iron	10.0	9.85		mg/L		98	80 - 120
Lead	0.200	0.199		mg/L		100	80 - 120
Magnesium	10.0	10.2		mg/L		102	80 - 120
Manganese	0.200	0.201		mg/L		100	80 - 120
Nickel	0.200	0.197		mg/L		98	80 - 120
Potassium	10.0	10.1		mg/L		101	80 - 120
Selenium	0.200	0.194		mg/L		97	80 - 120
Silver	0.0500	0.0513		mg/L		103	80 - 120
Sodium	10.0	10.0		mg/L		100	80 - 120
Thallium	0.200	0.197		mg/L		98	80 - 120
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.219		mg/L		109	80 - 120

Lab Sample ID: 480-25581-2 MS
Matrix: Water
Analysis Batch: 82494

Client Sample ID: NS-MW-WG-10
Prep Type: Total/NA
Prep Batch: 82264

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.3		mg/L		103	75 - 125
Antimony	ND		0.200	0.207		mg/L		103	75 - 125
Arsenic	ND		0.200	0.216		mg/L		108	75 - 125
Barium	0.33		0.200	0.536		mg/L		103	75 - 125
Beryllium	ND		0.200	0.209		mg/L		105	75 - 125
Cadmium	ND		0.200	0.212		mg/L		106	75 - 125
Calcium	100		10.0	113	4	mg/L		122	75 - 125
Chromium	ND		0.200	0.212		mg/L		106	75 - 125
Cobalt	ND		0.200	0.214		mg/L		107	75 - 125
Copper	ND		0.200	0.208		mg/L		104	75 - 125
Iron	18		10.0	28.4		mg/L		101	75 - 125
Lead	ND		0.200	0.211		mg/L		105	75 - 125
Magnesium	43		10.0	54.0	4	mg/L		109	75 - 125
Manganese	0.74		0.200	0.950		mg/L		106	75 - 125
Nickel	ND		0.200	0.208		mg/L		104	75 - 125
Potassium	34		10.0	45.3		mg/L		110	75 - 125
Selenium	ND		0.200	0.207		mg/L		104	75 - 125
Silver	ND		0.0500	0.0547		mg/L		109	75 - 125
Sodium	270		10.0	285	4	mg/L		158	75 - 125
Thallium	ND		0.200	0.195		mg/L		98	75 - 125
Vanadium	0.0039	J	0.200	0.211		mg/L		103	75 - 125
Zinc	0.0036	J	0.200	0.225		mg/L		111	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25581-2 MSD
Matrix: Water
Analysis Batch: 82494

Client Sample ID: NS-MW-WG-10
Prep Type: Total/NA
Prep Batch: 82264

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	10.3		mg/L		103	75 - 125	0	20
Antimony	ND		0.200	0.210		mg/L		105	75 - 125	2	20
Arsenic	ND		0.200	0.217		mg/L		109	75 - 125	0	20
Barium	0.33		0.200	0.533		mg/L		101	75 - 125	1	20
Beryllium	ND		0.200	0.211		mg/L		106	75 - 125	1	20
Cadmium	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Calcium	100		10.0	112	4	mg/L		109	75 - 125	1	20
Chromium	ND		0.200	0.214		mg/L		107	75 - 125	1	20
Cobalt	ND		0.200	0.217		mg/L		108	75 - 125	1	20
Copper	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Iron	18		10.0	28.0		mg/L		98	75 - 125	1	20
Lead	ND		0.200	0.212		mg/L		106	75 - 125	0	20
Magnesium	43		10.0	53.5	4	mg/L		103	75 - 125	1	20
Manganese	0.74		0.200	0.941		mg/L		101	75 - 125	1	20
Nickel	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Potassium	34		10.0	44.7		mg/L		104	75 - 125	1	20
Selenium	ND		0.200	0.208		mg/L		104	75 - 125	0	20
Silver	ND		0.0500	0.0542		mg/L		108	75 - 125	1	20
Sodium	270		10.0	283	4	mg/L		131	75 - 125	1	20
Thallium	ND		0.200	0.197		mg/L		99	75 - 125	1	20
Vanadium	0.0039	J	0.200	0.214		mg/L		105	75 - 125	1	20
Zinc	0.0036	J	0.200	0.227		mg/L		111	75 - 125	1	20

Lab Sample ID: MB 480-82869/1-B
Matrix: Water
Analysis Batch: 83275

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 83001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/01/12 08:30	10/01/12 19:42	1
Antimony	ND		0.020	0.0068	mg/L		10/01/12 08:30	10/01/12 19:42	1
Arsenic	ND		0.010	0.0056	mg/L		10/01/12 08:30	10/01/12 19:42	1
Barium	ND		0.0020	0.00070	mg/L		10/01/12 08:30	10/01/12 19:42	1
Beryllium	ND		0.0020	0.00030	mg/L		10/01/12 08:30	10/01/12 19:42	1
Cadmium	ND		0.0010	0.00050	mg/L		10/01/12 08:30	10/01/12 19:42	1
Calcium	ND		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:42	1
Chromium	ND		0.0040	0.0010	mg/L		10/01/12 08:30	10/01/12 19:42	1
Cobalt	ND		0.0040	0.00063	mg/L		10/01/12 08:30	10/01/12 19:42	1
Copper	ND		0.010	0.0016	mg/L		10/01/12 08:30	10/01/12 19:42	1
Iron	0.0236	J	0.050	0.019	mg/L		10/01/12 08:30	10/01/12 19:42	1
Lead	ND		0.0050	0.0030	mg/L		10/01/12 08:30	10/01/12 19:42	1
Magnesium	ND		0.20	0.043	mg/L		10/01/12 08:30	10/01/12 19:42	1
Manganese	0.000970	J	0.0030	0.00040	mg/L		10/01/12 08:30	10/01/12 19:42	1
Nickel	ND		0.010	0.0013	mg/L		10/01/12 08:30	10/01/12 19:42	1
Potassium	ND		0.50	0.10	mg/L		10/01/12 08:30	10/01/12 19:42	1
Selenium	ND		0.015	0.0087	mg/L		10/01/12 08:30	10/01/12 19:42	1
Silver	ND		0.0030	0.0017	mg/L		10/01/12 08:30	10/01/12 19:42	1
Sodium	ND		1.0	0.32	mg/L		10/01/12 08:30	10/01/12 19:42	1
Thallium	ND		0.020	0.010	mg/L		10/01/12 08:30	10/01/12 19:42	1
Vanadium	ND		0.0050	0.0015	mg/L		10/01/12 08:30	10/01/12 19:42	1
Zinc	0.00161	J	0.010	0.0015	mg/L		10/01/12 08:30	10/01/12 19:42	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-82869/2-B
Matrix: Water
Analysis Batch: 83275

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 83001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.95		mg/L		99	80 - 120
Antimony	0.200	0.205		mg/L		103	80 - 120
Arsenic	0.200	0.205		mg/L		102	80 - 120
Barium	0.200	0.204		mg/L		102	80 - 120
Beryllium	0.200	0.207		mg/L		103	80 - 120
Cadmium	0.200	0.200		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120
Chromium	0.200	0.204		mg/L		102	80 - 120
Cobalt	0.200	0.203		mg/L		102	80 - 120
Copper	0.200	0.202		mg/L		101	80 - 120
Iron	10.0	10.0		mg/L		100	80 - 120
Lead	0.200	0.201		mg/L		100	80 - 120
Magnesium	10.0	9.92		mg/L		99	80 - 120
Manganese	0.200	0.200		mg/L		100	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	9.95		mg/L		99	80 - 120
Selenium	0.200	0.197		mg/L		98	80 - 120
Silver	0.0500	0.0500		mg/L		100	80 - 120
Sodium	10.0	10.1		mg/L		100	80 - 120
Thallium	0.200	0.197		mg/L		98	80 - 120
Vanadium	0.200	0.197		mg/L		99	80 - 120
Zinc	0.200	0.216		mg/L		108	80 - 120

Lab Sample ID: 480-25581-2 MS
Matrix: Water
Analysis Batch: 83275

Client Sample ID: NS-MW-WG-10
Prep Type: Dissolved
Prep Batch: 83001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.0		mg/L		100	75 - 125
Antimony	ND		0.200	0.208		mg/L		104	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.19		0.200	0.393		mg/L		103	75 - 125
Beryllium	ND		0.200	0.206		mg/L		103	75 - 125
Cadmium	ND		0.200	0.203		mg/L		102	75 - 125
Calcium	100		10.0	112	4	mg/L		112	75 - 125
Chromium	ND		0.200	0.209		mg/L		104	75 - 125
Cobalt	ND		0.200	0.209		mg/L		105	75 - 125
Copper	ND		0.200	0.206		mg/L		103	75 - 125
Iron	0.12	B	10.0	9.87		mg/L		98	75 - 125
Lead	ND		0.200	0.203		mg/L		101	75 - 125
Magnesium	43		10.0	53.6	4	mg/L		110	75 - 125
Manganese	0.69	B	0.200	0.899		mg/L		106	75 - 125
Nickel	ND		0.200	0.204		mg/L		102	75 - 125
Potassium	34		10.0	44.6		mg/L		106	75 - 125
Selenium	ND		0.200	0.201		mg/L		100	75 - 125
Silver	ND		0.0500	0.0519		mg/L		104	75 - 125
Sodium	260		10.0	277	4	mg/L		151	75 - 125
Thallium	ND		0.200	0.194		mg/L		97	75 - 125
Vanadium	ND		0.200	0.203		mg/L		102	75 - 125
Zinc	0.0034	J B	0.200	0.221		mg/L		109	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25581-2 MSD
Matrix: Water
Analysis Batch: 83275

Client Sample ID: NS-MW-WG-10
Prep Type: Dissolved
Prep Batch: 83001

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.88		mg/L		99	75 - 125	1	20
Antimony	ND		0.200	0.205		mg/L		102	75 - 125	1	20
Arsenic	ND		0.200	0.211		mg/L		106	75 - 125	1	20
Barium	0.19		0.200	0.391		mg/L		102	75 - 125	0	20
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125	0	20
Cadmium	ND		0.200	0.201		mg/L		101	75 - 125	1	20
Calcium	100		10.0	112	4	mg/L		110	75 - 125	0	20
Chromium	ND		0.200	0.207		mg/L		103	75 - 125	1	20
Cobalt	ND		0.200	0.206		mg/L		103	75 - 125	2	20
Copper	ND		0.200	0.206		mg/L		103	75 - 125	0	20
Iron	0.12	B	10.0	9.82		mg/L		97	75 - 125	1	20
Lead	ND		0.200	0.202		mg/L		101	75 - 125	0	20
Magnesium	43		10.0	54.0	4	mg/L		113	75 - 125	1	20
Manganese	0.69	B	0.200	0.904		mg/L		108	75 - 125	1	20
Nickel	ND		0.200	0.202		mg/L		101	75 - 125	1	20
Potassium	34		10.0	44.3		mg/L		104	75 - 125	1	20
Selenium	ND		0.200	0.200		mg/L		100	75 - 125	0	20
Silver	ND		0.0500	0.0518		mg/L		104	75 - 125	0	20
Sodium	260		10.0	278	4	mg/L		161	75 - 125	0	20
Thallium	ND		0.200	0.194		mg/L		97	75 - 125	0	20
Vanadium	ND		0.200	0.204		mg/L		102	75 - 125	0	20
Zinc	0.0034	J B	0.200	0.220		mg/L		108	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-82281/1-A
Matrix: Water
Analysis Batch: 82370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 08:30	09/26/12 12:40	1

Lab Sample ID: LCS 480-82281/2-A
Matrix: Water
Analysis Batch: 82370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00645		mg/L		97	80 - 120

Lab Sample ID: MB 480-82869/1-C
Matrix: Water
Analysis Batch: 83372

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 83303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/02/12 08:45	10/02/12 12:04	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-82869/2-C — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 83372 — **Prep Batch: 83303**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00637		mg/L		95	80 - 120

Lab Sample ID: 480-25581-1 MS — **Client Sample ID: NS-MW-WG-3**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 83372 — **Prep Batch: 83303**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00637		mg/L		95	75 - 125

Lab Sample ID: 480-25581-1 MSD — **Client Sample ID: NS-MW-WG-3**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 83372 — **Prep Batch: 83303**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00640		mg/L		96	75 - 125	1	20

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-82439/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82623 — **Prep Batch: 82439**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/26/12 18:50	09/27/12 13:36	1

Lab Sample ID: LCS 480-82439/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82623 — **Prep Batch: 82439**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.397		mg/L		99	90 - 110

Lab Sample ID: MB 480-82695/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82734 — **Prep Batch: 82695**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		09/27/12 16:30	09/28/12 00:23	1

Lab Sample ID: LCS 480-82695/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 82734 — **Prep Batch: 82695**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.399		mg/L		100	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 480-83958/2-A
Matrix: Water
Analysis Batch: 84123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		10/05/12 03:07	10/05/12 14:02	1

Lab Sample ID: LCS 480-83958/1-A
Matrix: Water
Analysis Batch: 84123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.400	0.419		mg/L		105	90 - 110

GC/MS VOA

Analysis Batch: 83016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-3	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-83016/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-83016/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 83047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	8260B	
480-25581-2	NS-MW-WG-10	Total/NA	Water	8260B	
LCS 480-83047/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-83047/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 82612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	3510C	
480-25581-2	NS-MW-WG-10	Total/NA	Water	3510C	
LCS 480-82612/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-82612/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 83003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	8270C	82612
480-25581-2	NS-MW-WG-10	Total/NA	Water	8270C	82612
LCS 480-82612/2-A	Lab Control Sample	Total/NA	Water	8270C	82612
MB 480-82612/1-A	Method Blank	Total/NA	Water	8270C	82612

GC Semi VOA

Analysis Batch: 82253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	8082	82258
480-25581-2	NS-MW-WG-10	Total/NA	Water	8082	82258
LCS 480-82258/2-A	Lab Control Sample	Total/NA	Water	8082	82258
MB 480-82258/1-A	Method Blank	Total/NA	Water	8082	82258

Prep Batch: 82258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	3510C	
480-25581-2	NS-MW-WG-10	Total/NA	Water	3510C	
LCS 480-82258/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-82258/1-A	Method Blank	Total/NA	Water	3510C	

Metals

Prep Batch: 82264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	3005A	
480-25581-2	NS-MW-WG-10	Total/NA	Water	3005A	
480-25581-2 MS	NS-MW-WG-10	Total/NA	Water	3005A	
480-25581-2 MSD	NS-MW-WG-10	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 82264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-82264/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-82264/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 82281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	7470A	
480-25581-2	NS-MW-WG-10	Total/NA	Water	7470A	
LCS 480-82281/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-82281/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 82370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	7470A	82281
480-25581-2	NS-MW-WG-10	Total/NA	Water	7470A	82281
LCS 480-82281/2-A	Lab Control Sample	Total/NA	Water	7470A	82281
MB 480-82281/1-A	Method Blank	Total/NA	Water	7470A	82281

Analysis Batch: 82494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	6010B	82264
480-25581-2	NS-MW-WG-10	Total/NA	Water	6010B	82264
480-25581-2 MS	NS-MW-WG-10	Total/NA	Water	6010B	82264
480-25581-2 MSD	NS-MW-WG-10	Total/NA	Water	6010B	82264
LCS 480-82264/2-A	Lab Control Sample	Total/NA	Water	6010B	82264
MB 480-82264/1-A	Method Blank	Total/NA	Water	6010B	82264

Prep Batch: 83001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	3005A	
480-25581-2	NS-MW-WG-10	Dissolved	Water	3005A	
480-25581-2 MS	NS-MW-WG-10	Dissolved	Water	3005A	
480-25581-2 MSD	NS-MW-WG-10	Dissolved	Water	3005A	
LCS 480-82869/2-B	Lab Control Sample	Dissolved	Water	3005A	
MB 480-82869/1-B	Method Blank	Dissolved	Water	3005A	

Analysis Batch: 83275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	6010B	83001
480-25581-2	NS-MW-WG-10	Dissolved	Water	6010B	83001
480-25581-2 MS	NS-MW-WG-10	Dissolved	Water	6010B	83001
480-25581-2 MSD	NS-MW-WG-10	Dissolved	Water	6010B	83001
LCS 480-82869/2-B	Lab Control Sample	Dissolved	Water	6010B	83001
MB 480-82869/1-B	Method Blank	Dissolved	Water	6010B	83001

Prep Batch: 83303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	7470A	
480-25581-1 MS	NS-MW-WG-3	Dissolved	Water	7470A	
480-25581-1 MSD	NS-MW-WG-3	Dissolved	Water	7470A	
480-25581-2	NS-MW-WG-10	Dissolved	Water	7470A	
LCS 480-82869/2-C	Lab Control Sample	Dissolved	Water	7470A	
MB 480-82869/1-C	Method Blank	Dissolved	Water	7470A	

Metals (Continued)

Analysis Batch: 83372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	7470A	83303
480-25581-1 MS	NS-MW-WG-3	Dissolved	Water	7470A	83303
480-25581-1 MSD	NS-MW-WG-3	Dissolved	Water	7470A	83303
480-25581-2	NS-MW-WG-10	Dissolved	Water	7470A	83303
LCS 480-82869/2-C	Lab Control Sample	Dissolved	Water	7470A	83303
MB 480-82869/1-C	Method Blank	Dissolved	Water	7470A	83303

General Chemistry

Prep Batch: 82439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	9012A	
LCS 480-82439/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-82439/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 82623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Total/NA	Water	9012A	82439
LCS 480-82439/1-A	Lab Control Sample	Total/NA	Water	9012A	82439
MB 480-82439/2-A	Method Blank	Total/NA	Water	9012A	82439

Prep Batch: 82695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-2	NS-MW-WG-10	Total/NA	Water	9012A	
LCS 480-82695/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-82695/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 82734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-2	NS-MW-WG-10	Total/NA	Water	9012A	82695
LCS 480-82695/1-A	Lab Control Sample	Total/NA	Water	9012A	82695
MB 480-82695/2-A	Method Blank	Total/NA	Water	9012A	82695

Prep Batch: 83958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	9012A	
480-25581-2	NS-MW-WG-10	Dissolved	Water	9012A	
LCS 480-83958/1-A	Lab Control Sample	Total/NA	Water	9012A	
MB 480-83958/2-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 84123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25581-1	NS-MW-WG-3	Dissolved	Water	9012A	83958
480-25581-2	NS-MW-WG-10	Dissolved	Water	9012A	83958
LCS 480-83958/1-A	Lab Control Sample	Total/NA	Water	9012A	83958
MB 480-83958/2-A	Method Blank	Total/NA	Water	9012A	83958

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: NS-MW-WG-3

Lab Sample ID: 480-25581-1

Date Collected: 09/24/12 10:30

Matrix: Water

Date Received: 09/25/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	83047	09/30/12 17:05	TRF	TAL BUF
Total/NA	Prep	3510C			82612	09/27/12 13:49	DE	TAL BUF
Total/NA	Analysis	8270C		1	83003	09/29/12 15:22	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 21:58	JM	TAL BUF
Total/NA	Prep	7470A			82281	09/26/12 08:30	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82370	09/26/12 13:25	JRK	TAL BUF
Total/NA	Prep	3005A			82264	09/26/12 08:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	82494	09/26/12 19:06	LH	TAL BUF
Dissolved	Prep	3005A			83001	10/01/12 08:30	JM	TAL BUF
Dissolved	Analysis	6010B		1	83275	10/01/12 19:48	LH	TAL BUF
Dissolved	Prep	7470A			83303	10/02/12 08:45	JRK	TAL BUF
Dissolved	Analysis	7470A		1	83372	10/02/12 12:07	JRK	TAL BUF
Total/NA	Prep	9012A			82439	09/26/12 18:50	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82623	09/27/12 13:53	EGN	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:15	KS	TAL BUF

Client Sample ID: NS-MW-WG-10

Lab Sample ID: 480-25581-2

Date Collected: 09/24/12 11:50

Matrix: Water

Date Received: 09/25/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	83047	09/30/12 17:26	TRF	TAL BUF
Total/NA	Prep	3510C			82612	09/27/12 13:49	DE	TAL BUF
Total/NA	Analysis	8270C		1	83003	09/29/12 15:45	RMM	TAL BUF
Total/NA	Prep	3510C			82258	09/26/12 07:01	TR	TAL BUF
Total/NA	Analysis	8082		1	82253	09/26/12 22:13	JM	TAL BUF
Total/NA	Prep	7470A			82281	09/26/12 08:30	JRK	TAL BUF
Total/NA	Analysis	7470A		1	82370	09/26/12 13:26	JRK	TAL BUF
Total/NA	Prep	3005A			82264	09/26/12 08:00	JM	TAL BUF
Total/NA	Analysis	6010B		1	82494	09/26/12 19:08	LH	TAL BUF
Dissolved	Prep	3005A			83001	10/01/12 08:30	JM	TAL BUF
Dissolved	Analysis	6010B		1	83275	10/01/12 19:50	LH	TAL BUF
Dissolved	Prep	7470A			83303	10/02/12 08:45	JRK	TAL BUF
Dissolved	Analysis	7470A		1	83372	10/02/12 12:15	JRK	TAL BUF
Total/NA	Prep	9012A			82695	09/27/12 16:30	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82734	09/28/12 00:24	BM	TAL BUF
Dissolved	Prep	9012A			83958	10/05/12 03:07	PJQ	TAL BUF
Dissolved	Analysis	9012A		1	84123	10/05/12 14:16	KS	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Client Sample ID: TRIP BLANK
Date Collected: 09/24/12 00:00
Date Received: 09/25/12 09:00

Lab Sample ID: 480-25581-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	83016	09/29/12 20:12	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-12
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-12
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25581-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25581-1	NS-MW-WG-3	Water	09/24/12 10:30	09/25/12 09:00
480-25581-2	NS-MW-WG-10	Water	09/24/12 11:50	09/25/12 09:00
480-25581-3	TRIP BLANK	Water	09/24/12 00:00	09/25/12 09:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Michael Sherwood	Date: 9/24/12	Chain of Custody Number: 231735
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7820	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10018	Site Contact: Phillip Castaldo	Lab Contact:	
Project Name and Location (State): Neff Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TAL Metals	Pb-Lumped	Cyanide	PCBs	TCL VOCs	TCL SVOCs	Special Instructions/ Conditions of Receipt
NS-MW-WE-3	9/24/12	1030					6		1	3	1		X	X	X	X	X	X	
NS-MW-WE-10	9/24/12	1450					6		1	3	1		X	X	X	X	X	X	
Trip Blank	—	—		X													X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☑ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/24/12	12:08	1. Received By (Joe O'Boyle, Test America rep)	9/24/12	12:08
2. Relinquished By (Joe O'Boyle)	9/24/12	12:40	2. Received By (for Brittaker)	9/25/12	0900
3. Relinquished By			3. Received By		

Comments

3.0, 2.6 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25581-1

Login Number: 25581

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25484-1
Client Project/Site: NYSDEC: Former Ney Smelting Site

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Melissa Deyo

Authorized for release by:
10/17/2012 1:03:00 PM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
E	Result exceeded calibration range.
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25484-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25484-1

Receipt
The samples were received on 9/21/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.0º C.

GC/MS VOA
Method 8260B: The following samples were diluted due to the nature of the TCLP matrix: NS-SS-SS-6-(0.25) (480-25484-6), NS-SS-SS-11-(0.25) (480-25484-11), NS-SS-SS-11-(0.25) (480-25484-11 MS), NS-SS-SS-11-(0.25) (480-25484-11 MSD) and (LB 480-82162/1-A). Elevated reporting limits (RLs) are provided.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch 82692 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The method blank for batch 82692 contained Total Xylenes above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The analytes 3-Methylphenol and 4-Methylphenol co-elute and cannot be analytically separated. The reported concentrations for these analytes are a total rather than individual quantitated value. Since these analytes co-elute, only 4-Methylphenol was calibrated for in the calibration data.

Method 8270D: Internal standard (ISTD) responses for the following samples were outside control limits: NS-SS-SS-1-(0) (480-25484-1), NS-SS-SS-2-(0) (480-25484-2), NS-SS-SS-3-(0) (480-25484-3), NS-SS-SS-4-(0) (480-25484-4), NS-SS-SS-5-(0.25) (480-25484-5), NS-SS-SS-6-(0.25) (480-25484-6), NS-SS-SS-7-(0.25) (480-25484-7), NS-SS-SS-8-(0) (480-25484-8), NS-SS-SS-9-(0.25) (480-25484-9), NS-SS-SS-10-(0.25) (480-25484-10), NS-SS-SS-11-(0.25) (480-25484-11), NS-SS-SS-11-(0.25) (480-25484-11 MS), NS-SS-SS-11-(0.25) (480-25484-11 MSD), NS-SS-SS-12-(0) (480-25484-12), (MB 200-45528/1-A) and (LCS 200-45528/2-A). The samples were re-analyzed with concurring results. Both sets of data have been reported. The suspected presence of Acetone introduced during the extraction process has caused a high bias for the internal standards.

Method 8270D: The following sample was diluted due to the abundance of target analytes: NS-SS-SS-5-(0.25) (480-25484-5 DL), NS-SS-SS-6-(0.25) (480-25484-6 DL), NS-SS-SS-9-(0.25) (480-25484-9) and NS-SS-SS-9-(0.25) (480-25484-9 DL). Elevated reporting limits (RLs) are provided.

Method 8270D: The laboratory control sample (LCS) for preparation batch 45528 exceeded control limits for the following analyte: N-nitrosodiphenylamine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 45528 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria

Method 8270D: The continuing calibration verification (CCV) for analytical batch 46062 exceeded control criteria for 2,4 Dinitrophenol and 4,6-Dinitro-2methylphenol. The data has been qualified and reported. A supplementary CCV analyzed at the reporting limit has been provided which shows detectability of these analytes. Neither of these analytes were detected in the samples.

Method 8270D: The continuing calibration verification (CCV) for analytical batch 46069 exceeded control criteria low for 2,4 Dinitrophenol, 4,6 Dinitro 2 methylphenol and Pentachlorophenol. The data has been qualified and reported. A supplementary CCV analyzed at the reporting limit verifies detectability for these analytes. The three analytes were not detected in the samples.

GC Semi VOA
Method 8081A: All primary data was reported from the RTX-CLPI column.

Job ID: 480-25484-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method 8082: All primary data was reported from the ZB-35 column.

Method 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: The following sample was diluted due to the abundance of target analytes: NS-SS-SS-6-(0.25) (480-25484-6). As such, surrogate recoveries are not representative and elevated reporting limits (RLs) are provided.

Method 8082: The surrogate percent difference in the associated continuing calibration verification (CCV 480-82020/12) for Tetrachloro-m-xylene exceeded 15% on the ZB-35 column, indicating a high bias.

Method 8151A: All primary data was reported from the STX-CLPI column.

Method 8151A: The surrogate recovery for the following samples was outside control limits: NS-SS-SS-6-(0.25) (480-25484-6), NS-SS-SS-11-(0.25) (480-25484-11), and (LB 480-82073/1-F). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide extraction procedure.

No other analytical or quality issues were noted.

Metals

Method 6010B: The method blank for preparation batch 81806 contained Calcium, Iron, Magnesium and Zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 81806 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The serial dilution for preparation batch 81806 exhibited results outside the quality control limits for Aluminum, Calcium, Iron, Magnesium, Potassium and Zinc. However, the post digestion spike was compliant so no corrective action was necessary.

Method 6010B: The TCLP leachate blank (LB 480-82073/1-B) for preparation batch 82336 contained Barium above the reporting limit (RL). The associated samples contained detections for this analyte at concentrations greater than 10 times the value found in the TCLP leachate blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The TCLP leachate blank (LB 480-82073/1-B) for preparation batch 82336 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 7471A: The following samples were diluted to bring the concentration of the target analyte total mercury within the calibration range: NS-SS-SS-5-(0.25) (480-25484-5), NS-SS-SS-6-(0.25) (480-25484-6), NS-SS-SS-7-(0.25) (480-25484-7) and NS-SS-SS-9-(0.25) (480-25484-9). Elevated reporting limits (RLs) are provided.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Mercury in preparation batch 81926 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-1-(0) — Lab Sample ID: 480-25484-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.3	J	30	5.0	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.46	J	5.9	0.45	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	3.8	J	5.9	1.3	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1.1	J B	12	0.99	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	29	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	34	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	290	J	390	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	46	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	24	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	15	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	57	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	24	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	35	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	37	J	390	36	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	250	J	390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate - RA	25	J	390	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	47	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	25	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	15	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	44	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Aluminum	700		11	4.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.1	J	2.2	0.45	mg/Kg	1	☼	6010B	Total/NA
Barium	6.9		0.56	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.066	J	0.22	0.031	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.22	0.034	mg/Kg	1	☼	6010B	Total/NA
Calcium	3100	B	56	3.7	mg/Kg	1	☼	6010B	Total/NA
Chromium	2.3		0.56	0.22	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.52	J	0.56	0.056	mg/Kg	1	☼	6010B	Total/NA
Copper	5.9		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	1900	B	11	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	10		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Magnesium	520	B	22	1.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	31		0.22	0.036	mg/Kg	1	☼	6010B	Total/NA
Nickel	1.2	J	5.6	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	120		34	22	mg/Kg	1	☼	6010B	Total/NA
Sodium	22	J	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	2.1		0.56	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	16	B	2.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.14		0.024	0.0097	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-2-(0) — Lab Sample ID: 480-25484-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.5	J	6.0	1.3	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	86	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	89	J	400	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	47	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	110	J	400	37	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	510		400	26	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	35	J	400	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	120	J	400	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	74	J	400	15	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	57	J	400	15	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: NS-SS-SS-2-(0) (Continued)

Lab Sample ID: 480-25484-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	160	J	400	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	70	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	98	J	400	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene - RA	45	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	96	J	400	37	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	470		400	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	110	J	400	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	72	J	400	15	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	55	J	400	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	130	J	400	17	ug/Kg	1	☼	8270D	Total/NA
Aluminum	750		13	5.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.3	J	2.7	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	7.7		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.078	J	0.27	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.13	J	0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Calcium	2000	B	67	4.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	2.8		0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.74		0.67	0.067	mg/Kg	1	☼	6010B	Total/NA
Copper	8.8		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	2400	B	13	1.5	mg/Kg	1	☼	6010B	Total/NA
Lead	18		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	220	B	27	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	39		0.27	0.043	mg/Kg	1	☼	6010B	Total/NA
Nickel	1.5	J	6.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Potassium	110		40	27	mg/Kg	1	☼	6010B	Total/NA
Silver	0.36	J	0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Sodium	21	J	190	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	2.6		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	27	B	2.7	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.22		0.024	0.0097	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-3-(0)

Lab Sample ID: 480-25484-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	20	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	56	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	62	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	58	J	390	36	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	960		390	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	79	J	390	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	47	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	59	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	100	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	56	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	73	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	60	J	390	36	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	970		390	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	73	J	390	22	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	49	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	56	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	88	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Aluminum	430		12	5.4	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.1	J	2.5	0.49	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-3-(0) (Continued) — Lab Sample ID: 480-25484-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.8		0.61	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.049	J	0.25	0.034	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.056	J	0.25	0.037	mg/Kg	1	☼	6010B	Total/NA
Calcium	1100	B	61	4.0	mg/Kg	1	☼	6010B	Total/NA
Chromium	0.89		0.61	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.33	J	0.61	0.061	mg/Kg	1	☼	6010B	Total/NA
Copper	2.7		1.2	0.26	mg/Kg	1	☼	6010B	Total/NA
Iron	2400	B	12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	5.3		1.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Magnesium	120	B	25	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	26		0.25	0.039	mg/Kg	1	☼	6010B	Total/NA
Nickel	0.79	J	6.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	73		37	25	mg/Kg	1	☼	6010B	Total/NA
Sodium	21	J	170	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	1.3		0.61	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	9.3	B	2.5	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.46		0.024	0.0098	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-4-(0) — Lab Sample ID: 480-25484-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	25	J	390	25	ug/Kg	1	☼	8270D	Total/NA
Aluminum	470		13	5.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.87	J	2.6	0.52	mg/Kg	1	☼	6010B	Total/NA
Barium	1.9		0.65	0.14	mg/Kg	1	☼	6010B	Total/NA
Calcium	210	B	65	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	1.1		0.65	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.44	J	0.65	0.065	mg/Kg	1	☼	6010B	Total/NA
Copper	0.99	J	1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	1400	B	13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	0.76	J	1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	88	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	24		0.26	0.041	mg/Kg	1	☼	6010B	Total/NA
Nickel	0.61	J	6.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	46		39	26	mg/Kg	1	☼	6010B	Total/NA
Vanadium	1.5		0.65	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	2.1	J B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-5-(0.25) — Lab Sample ID: 480-25484-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	40	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Anthracene	120	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	660		390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	790		390	120	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	900		390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	480		390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	740		390	35	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	560		390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	60	J	390	23	ug/Kg	1	☼	8270D	Total/NA
Carbazole	49	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Chrysene	810		390	21	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	190	J	390	120	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: NS-SS-SS-5-(0.25) (Continued)

Lab Sample ID: 480-25484-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenzofuran	26	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	25	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	860		390	14	ug/Kg	1	☼	8270D	Total/NA
Fluorene	45	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	430		390	120	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	21	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	590		390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1200		390	16	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	20	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene - DL	37	J	770	31	ug/Kg	2	☼	8270D	Total/NA
Anthracene - DL	120	J	770	33	ug/Kg	2	☼	8270D	Total/NA
Benzo[a]anthracene - DL	630	J	770	31	ug/Kg	2	☼	8270D	Total/NA
Benzo[a]pyrene - DL	760	J	770	230	ug/Kg	2	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	920		770	54	ug/Kg	2	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	480	J	770	31	ug/Kg	2	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	700	J	770	70	ug/Kg	2	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - DL	570	J	770	49	ug/Kg	2	☼	8270D	Total/NA
Butyl benzyl phthalate - DL	51	J	770	47	ug/Kg	2	☼	8270D	Total/NA
Carbazole - DL	49	J	770	35	ug/Kg	2	☼	8270D	Total/NA
Chrysene - DL	820		770	42	ug/Kg	2	☼	8270D	Total/NA
Fluoranthene - DL	760	J	770	28	ug/Kg	2	☼	8270D	Total/NA
Fluorene - DL	41	J	770	35	ug/Kg	2	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	400	J	770	230	ug/Kg	2	☼	8270D	Total/NA
Phenanthrene - DL	580	J	770	28	ug/Kg	2	☼	8270D	Total/NA
Pyrene - DL	1200		770	33	ug/Kg	2	☼	8270D	Total/NA
Aluminum	3500		12	5.3	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.8	J	18	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.0		2.4	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	76		0.61	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.19	J	0.24	0.034	mg/Kg	1	☼	6010B	Total/NA
Cadmium	9.3		0.24	0.036	mg/Kg	1	☼	6010B	Total/NA
Calcium	22000	B	61	4.0	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.61	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	3.1		0.61	0.061	mg/Kg	1	☼	6010B	Total/NA
Copper	140		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	9500	B	12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	540		1.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1700	B	24	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	120		0.24	0.039	mg/Kg	1	☼	6010B	Total/NA
Nickel	13		6.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	430		36	24	mg/Kg	1	☼	6010B	Total/NA
Silver	49		0.61	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	110	J	170	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	13		0.61	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	260	B	2.4	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	6.3		0.24	0.096	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	0.75	J	1.1	0.55	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SS-SS-6-(0.25)

Lab Sample ID: 480-25484-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.8	J	5.9	1.3	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	45	J	410	16	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: NS-SS-SS-6-(0.25) (Continued)

Lab Sample ID: 480-25484-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	200	J	410	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	1200		410	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1200		410	120	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1600		410	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	560		410	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1000		410	37	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	1700		410	26	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	120	J	410	25	ug/Kg	1	☼	8270D	Total/NA
Carbazole	56	J	410	18	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1600		410	22	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	170	J	410	120	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	26	J	410	20	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	35	J	410	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1700		410	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	41	J	410	18	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	550		410	120	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	24	J	410	18	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	34	J	410	18	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	880		410	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	5600	E	410	17	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene - DL	57	J	690	27	ug/Kg	1.7	☼	8270D	Total/NA
Anthracene - DL	220	J	690	29	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[a]anthracene - DL	1200		690	27	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[a]pyrene - DL	1200		690	210	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	1300		690	48	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	660	J	690	27	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	1500		690	63	ug/Kg	1.7	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - DL	1600		690	44	ug/Kg	1.7	☼	8270D	Total/NA
Butyl benzyl phthalate - DL	120	J	690	42	ug/Kg	1.7	☼	8270D	Total/NA
Chrysene - DL	1600		690	38	ug/Kg	1.7	☼	8270D	Total/NA
Dibenz(a,h)anthracene - DL	230	J	690	210	ug/Kg	1.7	☼	8270D	Total/NA
Dibenzofuran - DL	37	J	690	33	ug/Kg	1.7	☼	8270D	Total/NA
Di-n-butyl phthalate - DL	45	J	690	31	ug/Kg	1.7	☼	8270D	Total/NA
Fluoranthene - DL	1500		690	25	ug/Kg	1.7	☼	8270D	Total/NA
Fluorene - DL	59	J	690	31	ug/Kg	1.7	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	550	J	690	210	ug/Kg	1.7	☼	8270D	Total/NA
Naphthalene - DL	36	J	690	31	ug/Kg	1.7	☼	8270D	Total/NA
Phenanthrene - DL	900		690	25	ug/Kg	1.7	☼	8270D	Total/NA
Pyrene - DL	3100		690	29	ug/Kg	1.7	☼	8270D	Total/NA
Endrin	0.000056	J	0.00020	0.000014	mg/L	1		8081A	TCLP
PCB-1260	36000		4900	2300	ug/Kg	20	☼	8082	Total/NA
PCB-1268	52000		4900	2300	ug/Kg	20	☼	8082	Total/NA
Aluminum	3300		12	5.3	mg/Kg	1	☼	6010B	Total/NA
Antimony	2.1	J	18	0.65	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.6		2.4	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	78		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.27		0.24	0.034	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.99		0.24	0.036	mg/Kg	1	☼	6010B	Total/NA
Calcium	25000	B	60	4.0	mg/Kg	1	☼	6010B	Total/NA
Chromium	29		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	3.1		0.60	0.060	mg/Kg	1	☼	6010B	Total/NA
Copper	150		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	9500	B	12	1.3	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-6-(0.25) (Continued)

Lab Sample ID: 480-25484-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	220		1.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1900	B	24	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	130		0.24	0.039	mg/Kg	1	☼	6010B	Total/NA
Nickel	12		6.0	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	530		36	24	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.80	J	4.8	0.69	mg/Kg	1	☼	6010B	Total/NA
Silver	3.4		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	190		170	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	12		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	230	B	2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Barium	0.54	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.016		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.0045	B	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.13		0.0050	0.0030	mg/L	1		6010B	TCLP
Mercury	0.00051		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	2.4		0.25	0.10	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	1.2		1.1	0.54	mg/Kg	1	☼	9012A	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176		50.0	50.0	Degrees F	1		1010	Total/NA

Client Sample ID: NS-SS-SS-7-(0.25)

Lab Sample ID: 480-25484-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	43	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	250	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	240	J	390	120	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	280	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	140	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	260	J	390	35	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	1200		390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	57	J	390	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	340	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	250	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	130	J	390	120	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	200	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	610		390	16	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	34	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Anthracene - RA	47	J	390	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	250	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene - RA	240	J	390	120	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	360	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene - RA	170	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	230	J	390	35	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	1200		390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate - RA	73	J	390	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	360	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate - RA	20	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	320	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	210	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	570		390	16	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde - RA	35	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Aluminum	4000		13	5.5	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.68	J	19	0.68	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-7-(0.25) (Continued)

Lab Sample ID: 480-25484-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.6		2.5	0.50	mg/Kg	1	☼	6010B	Total/NA
Barium	46		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.23	J	0.25	0.035	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.75		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Calcium	35000	B	63	4.1	mg/Kg	1	☼	6010B	Total/NA
Chromium	28		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	2.5		0.63	0.063	mg/Kg	1	☼	6010B	Total/NA
Copper	150		1.3	0.26	mg/Kg	1	☼	6010B	Total/NA
Iron	7600	B	13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	110		1.3	0.30	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1900	B	25	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	130		0.25	0.040	mg/Kg	1	☼	6010B	Total/NA
Nickel	8.6		6.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Potassium	750		38	25	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.1	J	5.0	0.72	mg/Kg	1	☼	6010B	Total/NA
Silver	1.8		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Sodium	260		180	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	9.1		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	190	B	2.5	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	2.1		0.22	0.090	mg/Kg	10	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-8-(0)

Lab Sample ID: 480-25484-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.9	J	31	5.1	ug/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	28	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	33	J	400	28	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	220	J	400	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	28	J	400	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	36	J	400	22	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	19	J	400	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	28	J	400	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	25	J	400	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	61	J	400	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	29	J	400	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	33	J	400	28	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	220	J	400	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	43	J	400	22	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate - RA	19	J	400	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	33	J	400	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	27	J	400	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	57	J	400	17	ug/Kg	1	☼	8270D	Total/NA
Aluminum	450		11	4.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.0	J	2.2	0.45	mg/Kg	1	☼	6010B	Total/NA
Barium	3.4		0.56	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.065	J	0.22	0.031	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.22	0.034	mg/Kg	1	☼	6010B	Total/NA
Calcium	1400	B	56	3.7	mg/Kg	1	☼	6010B	Total/NA
Chromium	3.9		0.56	0.22	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.45	J	0.56	0.056	mg/Kg	1	☼	6010B	Total/NA
Copper	110		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	3900	B	11	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	8.2		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-8-(0) (Continued)

Lab Sample ID: 480-25484-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	260	B	22	1.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	30		0.22	0.036	mg/Kg	1	☼	6010B	Total/NA
Nickel	1.1	J	5.6	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	67		34	22	mg/Kg	1	☼	6010B	Total/NA
Sodium	19	J	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	1.8		0.56	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	68	B	2.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.13		0.023	0.0093	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-9-(0.25)

Lab Sample ID: 480-25484-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	400	J	660	26	ug/Kg	1.7	☼	8270D	Total/NA
Anthracene	760		660	28	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[a]anthracene	2100		660	26	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[a]pyrene	2000		660	200	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[b]fluoranthene	2300		660	46	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1200		660	26	ug/Kg	1.7	☼	8270D	Total/NA
Benzo[k]fluoranthene	2000		660	60	ug/Kg	1.7	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	500	J	660	42	ug/Kg	1.7	☼	8270D	Total/NA
Butyl benzyl phthalate	220	J	660	40	ug/Kg	1.7	☼	8270D	Total/NA
Carbazole	450	J	660	30	ug/Kg	1.7	☼	8270D	Total/NA
Chrysene	2200		660	36	ug/Kg	1.7	☼	8270D	Total/NA
Dibenz(a,h)anthracene	490	J	660	200	ug/Kg	1.7	☼	8270D	Total/NA
Dibenzofuran	190	J	660	32	ug/Kg	1.7	☼	8270D	Total/NA
Fluoranthene	3300		660	24	ug/Kg	1.7	☼	8270D	Total/NA
Fluorene	290	J	660	30	ug/Kg	1.7	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1000		660	200	ug/Kg	1.7	☼	8270D	Total/NA
2-Methylnaphthalene	85	J	660	30	ug/Kg	1.7	☼	8270D	Total/NA
Naphthalene	260	J	660	30	ug/Kg	1.7	☼	8270D	Total/NA
Phenanthrene	3200		660	24	ug/Kg	1.7	☼	8270D	Total/NA
Pyrene	4200		660	28	ug/Kg	1.7	☼	8270D	Total/NA
Acenaphthene - DL	360	J	1900	77	ug/Kg	5	☼	8270D	Total/NA
Anthracene - DL	680	J	1900	83	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene - DL	1700	J	1900	77	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene - DL	1800	J	1900	590	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	1700	J	1900	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	1000	J	1900	77	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	1900		1900	180	ug/Kg	5	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - DL	410	J	1900	120	ug/Kg	5	☼	8270D	Total/NA
Butyl benzyl phthalate - DL	190	J	1900	120	ug/Kg	5	☼	8270D	Total/NA
Carbazole - DL	400	J	1900	88	ug/Kg	5	☼	8270D	Total/NA
Chrysene - DL	2100		1900	110	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran - DL	160	J	1900	94	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	3400		1900	71	ug/Kg	5	☼	8270D	Total/NA
Fluorene - DL	250	J	1900	88	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	950	J	1900	590	ug/Kg	5	☼	8270D	Total/NA
Naphthalene - DL	230	J	1900	88	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene - DL	2600		1900	71	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	3600		1900	83	ug/Kg	5	☼	8270D	Total/NA
PCB-1268	200	J	270	130	ug/Kg	1	☼	8082	Total/NA
Aluminum	2500		13	5.6	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.0	J	19	0.69	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-9-(0.25) (Continued)

Lab Sample ID: 480-25484-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3	J	2.5	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	42		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.17	J	0.25	0.036	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.59		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Calcium	16000	B	64	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		0.64	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	2.0		0.64	0.064	mg/Kg	1	☼	6010B	Total/NA
Copper	63		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	5600	B	13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	110		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1900	B	25	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	93		0.25	0.041	mg/Kg	1	☼	6010B	Total/NA
Nickel	23		6.4	0.29	mg/Kg	1	☼	6010B	Total/NA
Potassium	440		38	25	mg/Kg	1	☼	6010B	Total/NA
Silver	1.7		0.64	0.25	mg/Kg	1	☼	6010B	Total/NA
Sodium	75	J	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	9.0		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	120	B	2.5	0.19	mg/Kg	1	☼	6010B	Total/NA
Mercury	1.5		0.23	0.094	mg/Kg	10	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-10-(0.25)

Lab Sample ID: 480-25484-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	16	J	30	2.2	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	2.8	J	30	1.9	ug/Kg	1	☼	8260B	Total/NA
Acetone	200		30	5.0	ug/Kg	1	☼	8260B	Total/NA
Styrene	3.4	J	5.9	0.30	ug/Kg	1	☼	8260B	Total/NA
Anthracene	19	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	120	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	120	J	390	120	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	130	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	67	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	170	J	390	35	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	800		390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	44	J	390	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene	200	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	35	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	150	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	100	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	400		390	17	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	43	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Anthracene - RA	20	J	390	17	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	120	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	190	J	390	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene - RA	72	J	390	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	120	J	390	35	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	890		390	25	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate - RA	55	J	390	24	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	200	J	390	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate - RA	21	J	390	18	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	180	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	100	J	390	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	340	J	390	17	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: NS-SS-SS-10-(0.25) (Continued)

Lab Sample ID: 480-25484-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzaldehyde - RA	45	J	390	19	ug/Kg	1	☼	8270D	Total/NA
Aluminum	2200		12	5.3	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.1	J	2.4	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	29		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.15	J	0.24	0.034	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.59		0.24	0.036	mg/Kg	1	☼	6010B	Total/NA
Calcium	19000	B	60	4.0	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.0		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	1.6		0.60	0.060	mg/Kg	1	☼	6010B	Total/NA
Copper	28		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	4800	B	12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	47		1.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1000	B	24	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	78		0.24	0.039	mg/Kg	1	☼	6010B	Total/NA
Nickel	4.2	J	6.0	0.28	mg/Kg	1	☼	6010B	Total/NA
Potassium	420		36	24	mg/Kg	1	☼	6010B	Total/NA
Silver	0.60		0.60	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	120	J	170	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	6.2		0.60	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	75	B	2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.77		0.025	0.010	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SS-SS-11-(0.25)

Lab Sample ID: 480-25484-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetophenone	22	J	380	18	ug/Kg	1	☼	8270D	Total/NA
Anthracene	34	J	380	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	180	J	380	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	210	J	380	110	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	220	J	380	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	180	J	380	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	180	J	380	34	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	300	J	380	24	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	120	J	380	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	220	J	380	21	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	29	J	380	17	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	200	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	130	J	380	110	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	150	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	350	J	380	16	ug/Kg	1	☼	8270D	Total/NA
Aluminum	4700		12	5.1	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.77	J	17	0.63	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.3		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	51		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.31		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.2		0.23	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	33000	B	58	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	3.0		0.58	0.058	mg/Kg	1	☼	6010B	Total/NA
Copper	27		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	7500	B	12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	91		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2900	B	23	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-11-(0.25) (Continued) — Lab Sample ID: 480-25484-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	160		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	11		5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	640		35	23	mg/Kg	1	☼	6010B	Total/NA
Sodium	79	J	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	14		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	200	B	2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.012		0.010	0.0056	mg/L	1		6010B	TCLP
Barium	0.52	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.027		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.031	B	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.25		0.0050	0.0030	mg/L	1		6010B	TCLP
Silver	0.0022	J	0.0030	0.0017	mg/L	1		6010B	TCLP
Mercury	0.00083		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	0.43		0.020	0.0083	mg/Kg	1	☼	7471A	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity toward Steel	0.29		0.10	0.10	mm/year	1		1110A	Total/NA
Flashpoint	>176		50.0	50.0	Degrees F	1		1010	Total/NA

Client Sample ID: NS-SS-SS-12-(0) — Lab Sample ID: 480-25484-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	35	J	380	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	37	J	380	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	40	J	380	34	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	180	J	380	24	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	28	J	380	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	45	J	380	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	40	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	26	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	66	J	380	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - RA	43	J	380	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene - RA	53	J	380	26	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene - RA	40	J	380	34	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate - RA	210	J	380	24	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate - RA	25	J	380	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene - RA	50	J	380	21	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - RA	55	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - RA	33	J	380	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene - RA	87	J	380	16	ug/Kg	1	☼	8270D	Total/NA
Aluminum	780		13	5.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.7	J	2.6	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	7.6		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.085	J	0.26	0.036	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.10	J	0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	1600	B	64	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	3.0		0.64	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	0.68		0.64	0.064	mg/Kg	1	☼	6010B	Total/NA
Copper	5.8		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	3100	B	13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	10		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	240	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	47		0.26	0.041	mg/Kg	1	☼	6010B	Total/NA
Nickel	1.5	J	6.4	0.30	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SS-SS-12-(0) (Continued)

Lab Sample ID: 480-25484-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	120		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.92	J	5.1	0.73	mg/Kg	1	☼	6010B	Total/NA
Sodium	23	J	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	3.1		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	13	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.17		0.022	0.0089	mg/Kg	1	☼	7471A	Total/NA

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-1-(0)
Date Collected: 09/19/12 12:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-1
Matrix: Solid
Percent Solids: 83.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
4-Methyl-2-pentanone (MIBK)	ND		30	1.9	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Acetone	**8.3**	**J**	30	5.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Benzene	ND		5.9	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Carbon disulfide	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Chloroform	ND		5.9	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Cyclohexane	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Isopropylbenzene	ND		5.9	0.89	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Methylcyclohexane	ND		5.9	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Styrene	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Toluene	**0.46**	**J**	5.9	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Trichloroethene	**3.8**	**J**	5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1
Xylenes, Total	**1.1**	**J B**	12	0.99	ug/Kg	☼	09/27/12 13:36	09/28/12 01:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
n-Butylbenzene	*0.61*	*J*	*ug/Kg*	☼	*15.22*	*104-51-8*	*09/27/12 13:36*	*09/28/12 01:51*	*1*

Client Sample ID: NS-SS-SS-1-(0)
Date Collected: 09/19/12 12:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-1
Matrix: Solid
Percent Solids: 83.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	12	T J	ug/Kg	☼	16.74		09/27/12 13:36	09/28/12 01:51	1
Unknown	12	T J	ug/Kg	☼	17.42		09/27/12 13:36	09/28/12 01:51	1
Naphthalene	1.4	J	ug/Kg	☼	17.59	91-20-3	09/27/12 13:36	09/28/12 01:51	1
Unknown	11	T J	ug/Kg	☼	18.65		09/27/12 13:36	09/28/12 01:51	1
Naphthalene, 2-methyl-	17	T J N	ug/Kg	☼	18.99	91-57-6	09/27/12 13:36	09/28/12 01:51	1
Naphthalene, 2-methyl-	9.6	T J N	ug/Kg	☼	19.27	91-57-6	09/27/12 13:36	09/28/12 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		64 - 126	09/27/12 13:36	09/28/12 01:51	1
Toluene-d8 (Surr)	104		71 - 125	09/27/12 13:36	09/28/12 01:51	1
4-Bromofluorobenzene (Surr)	102		72 - 126	09/27/12 13:36	09/28/12 01:51	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Anthracene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzo[a]anthracene	**29**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzo[b]fluoranthene	**34**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzo[g,h,i]perylene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzo[k]fluoranthene	ND		390	36	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Bis(2-ethylhexyl) phthalate	**290**	**J**	390	25	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Butyl benzyl phthalate	ND		390	24	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Chrysene	**46**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4-Dinitrotoluene	ND		390	29	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,6-Dinitrotoluene	ND		390	36	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Fluoranthene	**24**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Hexachlorobenzene	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Hexachlorobutadiene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Hexachlorocyclopentadiene	ND		390	78	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Hexachloroethane	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1

Client Sample ID: NS-SS-SS-1-(0)
Date Collected: 09/19/12 12:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-1
Matrix: Solid
Percent Solids: 83.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
3-Nitroaniline	ND		990	45	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Nitrobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
N-Nitrosodi-n-propylamine	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Phenanthrene	**15**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Pyrene	**57**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Chloro-3-methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2-Chlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2-Methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4-Dimethylphenol	ND		390	62	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Pentachlorophenol	ND		990	81	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Phenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
2,4,6-Trichlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
Caprolactam	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
1,2-Dichlorobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1
1,2,4-Trichlorobenzene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*25 - 135*	*09/27/12 11:22*	*10/01/12 11:04*	*1*
2-Fluorobiphenyl	*67*		*35 - 110*	*09/27/12 11:22*	*10/01/12 11:04*	*1*
2-Fluorophenol (Surr)	*67*		*30 - 135*	*09/27/12 11:22*	*10/01/12 11:04*	*1*
Nitrobenzene-d5 (Surr)	*64*		*35 - 110*	*09/27/12 11:22*	*10/01/12 11:04*	*1*
Phenol-d5 (Surr)	*59*		*30 - 130*	*09/27/12 11:22*	*10/01/12 11:04*	*1*
Terphenyl-d14 (Surr)	*73*		*30 - 130*	*09/27/12 11:22*	*10/01/12 11:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Anthracene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzo[a]anthracene	**24**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzo[b]fluoranthene	**35**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzo[g,h,i]perylene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzo[k]fluoranthene	**37**	**J**	390	36	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-1-(0)
Date Collected: 09/19/12 12:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-1
Matrix: Solid
Percent Solids: 83.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Bis(2-ethylhexyl) phthalate	**250**	**J**	390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Butyl benzyl phthalate	**25**	**J**	390	24	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Chrysene	**47**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4-Dinitrotoluene	ND		390	29	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,6-Dinitrotoluene	ND		390	36	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Fluoranthene	**25**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Hexachlorobenzene	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Hexachlorobutadiene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Hexachlorocyclopentadiene	ND		390	78	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Hexachloroethane	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
3-Nitroaniline	ND		990	45	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Nitrobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
N-Nitrosodi-n-propylamine	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Phenanthrene	**15**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Pyrene	**44**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Chloro-3-methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Chlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4-Dimethylphenol	ND		390	62	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Pentachlorophenol	ND	*	990	81	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Phenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
2,4,6-Trichlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1

Client Sample ID: NS-SS-SS-1-(0)
Date Collected: 09/19/12 12:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-1
Matrix: Solid
Percent Solids: 83.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
Caprolactam	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
1,2-Dichlorobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1
1,2,4-Trichlorobenzene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*25 - 135*	*09/27/12 11:22*	*10/03/12 13:37*	*1*
2-Fluorobiphenyl	*58*		*35 - 110*	*09/27/12 11:22*	*10/03/12 13:37*	*1*
2-Fluorophenol (Surr)	*62*		*30 - 135*	*09/27/12 11:22*	*10/03/12 13:37*	*1*
Nitrobenzene-d5 (Surr)	*59*		*35 - 110*	*09/27/12 11:22*	*10/03/12 13:37*	*1*
Phenol-d5 (Surr)	*53*		*30 - 130*	*09/27/12 11:22*	*10/03/12 13:37*	*1*
Terphenyl-d14 (Surr)	*64*		*30 - 130*	*09/27/12 11:22*	*10/03/12 13:37*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		280	55	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1221	ND		280	55	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1232	ND		280	55	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1242	ND		280	55	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1248	ND		280	55	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1254	ND		280	130	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1260	ND		280	130	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1262	ND		280	130	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1
PCB-1268	ND		280	130	ug/Kg	☼	09/24/12 09:09	09/25/12 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:34*	*1*
DCB Decachlorobiphenyl	*97*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:34*	*1*
Tetrachloro-m-xylene	*107*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:34*	*1*
Tetrachloro-m-xylene	*105*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**700**		11	4.9	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Antimony	ND		17	0.61	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Arsenic	**1.1**	**J**	2.2	0.45	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Barium	**6.9**		0.56	0.12	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Beryllium	**0.066**	**J**	0.22	0.031	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Cadmium	**0.12**	**J**	0.22	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Calcium	**3100**	**B**	56	3.7	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Chromium	**2.3**		0.56	0.22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Cobalt	**0.52**	**J**	0.56	0.056	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Copper	**5.9**		1.1	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Iron	**1900**	**B**	11	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Lead	**10**		1.1	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Magnesium	**520**	**B**	22	1.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Manganese	**31**		0.22	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Nickel	**1.2**	**J**	5.6	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1

Client Sample ID: NS-SS-SS-1-(0)

Lab Sample ID: 480-25484-1
Date Collected: 09/19/12 12:15
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 83.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**120**		34	22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Selenium	ND		4.5	0.64	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Silver	ND		0.56	0.22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Sodium	**22**	**J**	160	15	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Thallium	ND		6.7	0.34	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Vanadium	**2.1**		0.56	0.12	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1
Zinc	**16**	**B**	2.2	0.17	mg/Kg	☼	09/24/12 10:40	09/25/12 13:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.024	0.0097	mg/Kg	☼	09/24/12 10:30	09/24/12 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.51	mg/Kg	☼	09/24/12 19:58	09/25/12 10:21	1

Client Sample ID: NS-SS-SS-2-(0)

Lab Sample ID: 480-25484-2
Date Collected: 09/19/12 12:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 80.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.98	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,1-Dichloroethene	ND		6.0	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2,4-Trichlorobenzene	ND		6.0	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Acetone	ND		30	5.1	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Bromodichloromethane	ND		6.0	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-2-(0)
Date Collected: 09/19/12 12:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-2
Matrix: Solid
Percent Solids: 80.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.0	0.87	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Dichlorodifluoromethane	ND		6.0	0.50	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Ethylbenzene	ND		6.0	0.42	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Isopropylbenzene	ND		6.0	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Tetrachloroethene	ND		6.0	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Trichloroethene	**2.5**	**J**	6.0	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 02:17*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*	*09/27/12 13:36*	*09/28/12 02:17*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/27/12 13:36*	*09/28/12 02:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*09/27/12 13:36*	*09/28/12 02:17*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Acenaphthylene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Acetophenone	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Anthracene	ND		400	17	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzo[a]anthracene	**86**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzo[a]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzo[b]fluoranthene	**89**	**J**	400	28	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzo[g,h,i]perylene	**47**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzo[k]fluoranthene	**110**	**J**	400	37	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Bis(2-chloroethyl)ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Bis(2-chloroethoxy)methane	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
bis (2-chloroisopropyl) ether	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Bis(2-ethylhexyl) phthalate	**510**		400	26	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Bromophenyl phenyl ether	ND		400	22	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Butyl benzyl phthalate	**35**	**J**	400	24	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Carbazole	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Chloroaniline	ND		400	39	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Chloronaphthalene	ND		400	53	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Chlorophenyl phenyl ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Chrysene	**120**	**J**	400	22	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Dibenz(a,h)anthracene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Dibenzofuran	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Di-n-butyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1

Client Sample ID: NS-SS-SS-2-(0)
Date Collected: 09/19/12 12:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-2
Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		400	59	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Diethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Dimethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4-Dinitrotoluene	ND		400	29	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,6-Dinitrotoluene	ND		400	37	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Di-n-octyl phthalate	ND		400	28	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Fluoranthene	**74**	**J**	400	15	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Fluorene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Hexachlorobenzene	ND		400	56	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Hexachlorobutadiene	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Hexachlorocyclopentadiene	ND		400	80	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Hexachloroethane	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Indeno[1,2,3-cd]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Isophorone	ND		400	51	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Methylnaphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Naphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Nitroaniline	ND		1000	45	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
3-Nitroaniline	ND		1000	47	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Nitroaniline	ND		1000	39	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Nitrobenzene	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
N-Nitrosodi-n-propylamine	ND		400	56	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
N-Nitrosodiphenylamine	ND	*	470	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Phenanthrene	**57**	**J**	400	15	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Pyrene	**160**	**J**	400	17	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Chloro-3-methylphenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Chlorophenol	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Methylphenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4-Dichlorophenol	ND		400	40	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4-Dimethylphenol	ND		400	64	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4-Dinitrophenol	ND		1000	170	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4,6-Dinitro-2-methylphenol	ND		1000	120	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2-Nitrophenol	ND		400	45	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
4-Nitrophenol	ND		1000	100	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Pentachlorophenol	ND		1000	83	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Phenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4,5-Trichlorophenol	ND		1000	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
2,4,6-Trichlorophenol	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Atrazine	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Benzaldehyde	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
1,1'-Biphenyl	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
Caprolactam	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
1,2-Dichlorobenzene	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
1,3-Dichlorobenzene	ND		400	39	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
1,4-Dichlorobenzene	ND		400	47	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1
1,2,4-Trichlorobenzene	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/01/12 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*25 - 135*	*09/27/12 11:22*	*10/01/12 11:39*	*1*
2-Fluorobiphenyl	*66*		*35 - 110*	*09/27/12 11:22*	*10/01/12 11:39*	*1*
2-Fluorophenol (Surr)	*64*		*30 - 135*	*09/27/12 11:22*	*10/01/12 11:39*	*1*
Nitrobenzene-d5 (Surr)	*64*		*35 - 110*	*09/27/12 11:22*	*10/01/12 11:39*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-2-(0)
Date Collected: 09/19/12 12:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-2
Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	*57*		*30 - 130*	*09/27/12 11:22*	*10/01/12 11:39*	*1*
Terphenyl-d14 (Surr)	*70*		*30 - 130*	*09/27/12 11:22*	*10/01/12 11:39*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Acenaphthylene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Acetophenone	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Anthracene	ND		400	17	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzo[a]anthracene	**70**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzo[a]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzo[b]fluoranthene	**98**	**J**	400	28	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzo[g,h,i]perylene	**45**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzo[k]fluoranthene	**96**	**J**	400	37	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Bis(2-chloroethyl)ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Bis(2-chloroethoxy)methane	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
bis (2-chloroisopropyl) ether	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Bis(2-ethylhexyl) phthalate	**470**		400	26	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Bromophenyl phenyl ether	ND		400	22	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Butyl benzyl phthalate	ND		400	24	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Carbazole	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Chloroaniline	ND		400	39	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Chloronaphthalene	ND		400	53	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Chlorophenyl phenyl ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Chrysene	**110**	**J**	400	22	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Dibenz(a,h)anthracene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Dibenzofuran	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Di-n-butyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
3,3'-Dichlorobenzidine	ND		400	59	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Diethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Dimethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4-Dinitrotoluene	ND		400	29	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,6-Dinitrotoluene	ND		400	37	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Di-n-octyl phthalate	ND		400	28	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Fluoranthene	**72**	**J**	400	15	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Fluorene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Hexachlorobenzene	ND		400	56	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Hexachlorobutadiene	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Hexachlorocyclopentadiene	ND		400	80	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Hexachloroethane	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Indeno[1,2,3-cd]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Isophorone	ND		400	51	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Methylnaphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Naphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Nitroaniline	ND		1000	45	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
3-Nitroaniline	ND		1000	47	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Nitroaniline	ND		1000	39	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Nitrobenzene	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
N-Nitrosodi-n-propylamine	ND		400	56	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
N-Nitrosodiphenylamine	ND	*	470	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Phenanthrene	**55**	**J**	400	15	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1

Client Sample ID: NS-SS-SS-2-(0)
Date Collected: 09/19/12 12:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-2
Matrix: Solid
Percent Solids: 80.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**130**	**J**	400	17	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Chloro-3-methylphenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Chlorophenol	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Methylphenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4-Dichlorophenol	ND		400	40	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4-Dimethylphenol	ND		400	64	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4-Dinitrophenol	ND		1000	170	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4,6-Dinitro-2-methylphenol	ND		1000	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2-Nitrophenol	ND		400	45	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
4-Nitrophenol	ND		1000	100	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Pentachlorophenol	ND	*	1000	83	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Phenol	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4,5-Trichlorophenol	ND		1000	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
2,4,6-Trichlorophenol	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Atrazine	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Benzaldehyde	ND		400	20	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
1,1'-Biphenyl	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
Caprolactam	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
1,2-Dichlorobenzene	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
1,3-Dichlorobenzene	ND		400	39	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
1,4-Dichlorobenzene	ND		400	47	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1
1,2,4-Trichlorobenzene	ND		400	43	ug/Kg	☼	09/27/12 11:22	10/03/12 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*42*		*25 - 135*	*09/27/12 11:22*	*10/03/12 14:11*	*1*
2-Fluorobiphenyl	*57*		*35 - 110*	*09/27/12 11:22*	*10/03/12 14:11*	*1*
2-Fluorophenol (Surr)	*62*		*30 - 135*	*09/27/12 11:22*	*10/03/12 14:11*	*1*
Nitrobenzene-d5 (Surr)	*57*		*35 - 110*	*09/27/12 11:22*	*10/03/12 14:11*	*1*
Phenol-d5 (Surr)	*56*		*30 - 130*	*09/27/12 11:22*	*10/03/12 14:11*	*1*
Terphenyl-d14 (Surr)	*60*		*30 - 130*	*09/27/12 11:22*	*10/03/12 14:11*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		290	57	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1221	ND		290	57	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1232	ND		290	57	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1242	ND		290	57	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1248	ND		290	57	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1254	ND		290	140	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1260	ND		290	140	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1262	ND		290	140	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1
PCB-1268	ND		290	140	ug/Kg	☼	09/24/12 09:09	09/25/12 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:49*	*1*
DCB Decachlorobiphenyl	*103*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:49*	*1*
Tetrachloro-m-xylene	*119*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:49*	*1*
Tetrachloro-m-xylene	*117*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**750**		13	5.9	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1

Client Sample ID: NS-SS-SS-2-(0)

Lab Sample ID: 480-25484-2

Date Collected: 09/19/12 12:00

Matrix: Solid

Date Received: 09/21/12 09:00

Percent Solids: 80.4

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		20	0.72	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Arsenic	**1.3**	**J**	2.7	0.53	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Barium	**7.7**		0.67	0.15	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Beryllium	**0.078**	**J**	0.27	0.037	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Cadmium	**0.13**	**J**	0.27	0.040	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Calcium	**2000**	**B**	67	4.4	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Chromium	**2.8**		0.67	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Cobalt	**0.74**		0.67	0.067	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Copper	**8.8**		1.3	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Iron	**2400**	**B**	13	1.5	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Lead	**18**		1.3	0.32	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Magnesium	**220**	**B**	27	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Manganese	**39**		0.27	0.043	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Nickel	**1.5**	**J**	6.7	0.31	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Potassium	**110**		40	27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Selenium	ND		5.3	0.76	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Silver	**0.36**	**J**	0.67	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Sodium	**21**	**J**	190	17	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Thallium	ND		8.0	0.40	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Vanadium	**2.6**		0.67	0.15	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1
Zinc	**27**	**B**	2.7	0.20	mg/Kg	☼	09/24/12 10:40	09/25/12 13:34	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.024	0.0097	mg/Kg	☼	09/24/12 10:30	09/24/12 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.59	mg/Kg	☼	09/24/12 19:58	09/25/12 10:22	1

Client Sample ID: NS-SS-SS-3-(0)

Lab Sample ID: 480-25484-3

Date Collected: 09/19/12 11:45

Matrix: Solid

Date Received: 09/21/12 09:00

Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-3-(0)
Date Collected: 09/19/12 11:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-3
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Acetone	ND		30	5.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Dibromochloromethane	ND		6.0	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
cis-1,2-Dichloroethene	ND		6.0	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Methylene Chloride	ND		6.0	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Tetrachloroethene	ND		6.0	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 02:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 02:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*	*09/27/12 13:36*	*09/28/12 02:42*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/27/12 13:36*	*09/28/12 02:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/27/12 13:36*	*09/28/12 02:42*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Anthracene	**20**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzo[a]anthracene	**56**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzo[b]fluoranthene	**62**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzo[g,h,i]perylene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzo[k]fluoranthene	**58**	**J**	390	36	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-3-(0)
Date Collected: 09/19/12 11:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-3
Matrix: Solid
Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Bis(2-ethylhexyl) phthalate	**960**		390	25	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Bromophenyl phenyl ether	ND		390	22	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Butyl benzyl phthalate	ND		390	24	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Chrysene	**79**	**J**	390	22	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4-Dinitrotoluene	ND		390	29	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,6-Dinitrotoluene	ND		390	36	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Fluoranthene	**47**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Hexachlorobenzene	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Hexachlorobutadiene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Hexachlorocyclopentadiene	ND		390	78	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Hexachloroethane	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
3-Nitroaniline	ND		990	45	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Nitrobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
N-Nitrosodi-n-propylamine	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Phenanthrene	**59**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Pyrene	**100**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Chloro-3-methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Chlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4-Dimethylphenol	ND		390	62	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Pentachlorophenol	ND		990	81	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Phenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
2,4,6-Trichlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-3-(0)
Date Collected: 09/19/12 11:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-3
Matrix: Solid
Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
Caprolactam	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
1,2-Dichlorobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1
1,2,4-Trichlorobenzene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/01/12 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*25 - 135*	*09/27/12 11:22*	*10/01/12 12:13*	*1*
2-Fluorobiphenyl	*78*		*35 - 110*	*09/27/12 11:22*	*10/01/12 12:13*	*1*
2-Fluorophenol (Surr)	*73*		*30 - 135*	*09/27/12 11:22*	*10/01/12 12:13*	*1*
Nitrobenzene-d5 (Surr)	*65*		*35 - 110*	*09/27/12 11:22*	*10/01/12 12:13*	*1*
Phenol-d5 (Surr)	*65*		*30 - 130*	*09/27/12 11:22*	*10/01/12 12:13*	*1*
Terphenyl-d14 (Surr)	*82*		*30 - 130*	*09/27/12 11:22*	*10/01/12 12:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Anthracene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzo[a]anthracene	**56**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzo[b]fluoranthene	**73**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzo[g,h,i]perylene	ND		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzo[k]fluoranthene	**60**	**J**	390	36	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Bis(2-ethylhexyl) phthalate	**970**		390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Bromophenyl phenyl ether	ND		390	22	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Butyl benzyl phthalate	ND		390	24	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Chrysene	**73**	**J**	390	22	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4-Dinitrotoluene	ND		390	29	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,6-Dinitrotoluene	ND		390	36	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Fluoranthene	**49**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Hexachlorobenzene	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1

Client Sample ID: NS-SS-SS-3-(0)
Date Collected: 09/19/12 11:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-3
Matrix: Solid
Percent Solids: 83.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Hexachlorocyclopentadiene	ND		390	78	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Hexachloroethane	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
3-Nitroaniline	ND		990	45	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Nitrobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
N-Nitrosodi-n-propylamine	ND		390	55	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Phenanthrene	**56**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Pyrene	**88**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Chloro-3-methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Chlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Methylphenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4-Dimethylphenol	ND		390	62	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Pentachlorophenol	ND	*	990	81	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Phenol	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
2,4,6-Trichlorophenol	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
Caprolactam	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
1,2-Dichlorobenzene	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1
1,2,4-Trichlorobenzene	ND		390	42	ug/Kg	☼	09/27/12 11:22	10/03/12 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*25 - 135*	*09/27/12 11:22*	*10/03/12 14:46*	*1*
2-Fluorobiphenyl	*69*		*35 - 110*	*09/27/12 11:22*	*10/03/12 14:46*	*1*
2-Fluorophenol (Surr)	*70*		*30 - 135*	*09/27/12 11:22*	*10/03/12 14:46*	*1*
Nitrobenzene-d5 (Surr)	*66*		*35 - 110*	*09/27/12 11:22*	*10/03/12 14:46*	*1*
Phenol-d5 (Surr)	*63*		*30 - 130*	*09/27/12 11:22*	*10/03/12 14:46*	*1*
Terphenyl-d14 (Surr)	*71*		*30 - 130*	*09/27/12 11:22*	*10/03/12 14:46*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	44	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1221	ND		220	44	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1232	ND		220	44	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1242	ND		220	44	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1

Client Sample ID: NS-SS-SS-3-(0)

Lab Sample ID: 480-25484-3
Date Collected: 09/19/12 11:45
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 83.5

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		220	44	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1254	ND		220	100	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1260	ND		220	100	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1262	ND		220	100	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1
PCB-1268	ND		220	100	ug/Kg	☼	09/24/12 09:09	09/25/12 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*36 - 182*	*09/24/12 09:09*	*09/25/12 10:04*	*1*
DCB Decachlorobiphenyl	*112*		*36 - 182*	*09/24/12 09:09*	*09/25/12 10:04*	*1*
Tetrachloro-m-xylene	*128*		*24 - 172*	*09/24/12 09:09*	*09/25/12 10:04*	*1*
Tetrachloro-m-xylene	*125*		*24 - 172*	*09/24/12 09:09*	*09/25/12 10:04*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**430**		12	5.4	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Antimony	ND		18	0.66	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Arsenic	**1.1**	**J**	2.5	0.49	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Barium	**3.8**		0.61	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Beryllium	**0.049**	**J**	0.25	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Cadmium	**0.056**	**J**	0.25	0.037	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Calcium	**1100**	**B**	61	4.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Chromium	**0.89**		0.61	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Cobalt	**0.33**	**J**	0.61	0.061	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Copper	**2.7**		1.2	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Iron	**2400**	**B**	12	1.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Lead	**5.3**		1.2	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Magnesium	**120**	**B**	25	1.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Manganese	**26**		0.25	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Nickel	**0.79**	**J**	6.1	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Potassium	**73**		37	25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Selenium	ND		4.9	0.70	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Silver	ND		0.61	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Sodium	**21**	**J**	170	16	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Thallium	ND		7.4	0.37	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Vanadium	**1.3**		0.61	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1
Zinc	**9.3**	**B**	2.5	0.19	mg/Kg	☼	09/24/12 10:40	09/25/12 13:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.46**		0.024	0.0098	mg/Kg	☼	09/24/12 10:30	09/24/12 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.56	mg/Kg	☼	09/24/12 19:58	09/25/12 10:23	1

Client Sample ID: NS-SS-SS-4-(0)

Lab Sample ID: 480-25484-4
Date Collected: 09/19/12 11:30
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-4-(0)
Date Collected: 09/19/12 11:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-4
Matrix: Solid
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,1,2-Trichloroethane	ND		5.7	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2,4-Trichlorobenzene	ND		5.7	0.34	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
1,4-Dichlorobenzene	ND		5.7	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Acetone	ND		28	4.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Benzene	ND		5.7	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Dibromochloromethane	ND		5.7	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
cis-1,2-Dichloroethene	ND		5.7	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
cis-1,3-Dichloropropene	ND		5.7	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Isopropylbenzene	ND		5.7	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Styrene	ND		5.7	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Tetrachloroethene	ND		5.7	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Toluene	ND		5.7	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
trans-1,2-Dichloroethene	ND		5.7	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Trichlorofluoromethane	ND		5.7	0.54	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	09/27/12 13:36	09/28/12 03:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 03:08*	*1*

Client Sample ID: NS-SS-SS-4-(0)
Date Collected: 09/19/12 11:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-4
Matrix: Solid
Percent Solids: 84.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*	*09/27/12 13:36*	*09/28/12 03:08*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/27/12 13:36*	*09/28/12 03:08*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/27/12 13:36*	*09/28/12 03:08*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Anthracene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzo[a]anthracene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzo[b]fluoranthene	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzo[g,h,i]perylene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzo[k]fluoranthene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Bis(2-ethylhexyl) phthalate	**25**	**J**	390	25	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Butyl benzyl phthalate	ND		390	24	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Chrysene	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Fluoranthene	ND		390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Hexachlorocyclopentadiene	ND		390	77	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Nitroaniline	ND		980	44	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
3-Nitroaniline	ND		980	45	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Nitroaniline	ND		980	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Phenanthrene	ND		390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1

Client Sample ID: NS-SS-SS-4-(0)
Date Collected: 09/19/12 11:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-4
Matrix: Solid
Percent Solids: 84.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4-Dinitrophenol	ND		980	170	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4,6-Dinitro-2-methylphenol	ND		980	110	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
4-Nitrophenol	ND		980	99	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Pentachlorophenol	ND		980	80	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4,5-Trichlorophenol	ND		980	40	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*25 - 135*	*09/27/12 11:22*	*10/01/12 12:47*	*1*
2-Fluorobiphenyl	*62*		*35 - 110*	*09/27/12 11:22*	*10/01/12 12:47*	*1*
2-Fluorophenol (Surr)	*64*		*30 - 135*	*09/27/12 11:22*	*10/01/12 12:47*	*1*
Nitrobenzene-d5 (Surr)	*64*		*35 - 110*	*09/27/12 11:22*	*10/01/12 12:47*	*1*
Phenol-d5 (Surr)	*57*		*30 - 130*	*09/27/12 11:22*	*10/01/12 12:47*	*1*
Terphenyl-d14 (Surr)	*79*		*30 - 130*	*09/27/12 11:22*	*10/01/12 12:47*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Anthracene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzo[a]anthracene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzo[b]fluoranthene	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzo[g,h,i]perylene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzo[k]fluoranthene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Bis(2-ethylhexyl) phthalate	ND		390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Butyl benzyl phthalate	ND		390	24	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-4-(0)
Date Collected: 09/19/12 11:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-4
Matrix: Solid
Percent Solids: 84.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Chrysene	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Fluoranthene	ND		390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Hexachlorocyclopentadiene	ND		390	77	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Nitroaniline	ND		980	44	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
3-Nitroaniline	ND		980	45	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4-Nitroaniline	ND		980	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Phenanthrene	ND		390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Pyrene	ND		390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4-Dinitrophenol	ND		980	170	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4,6-Dinitro-2-methylphenol	ND		980	110	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
4-Nitrophenol	ND		980	99	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Pentachlorophenol	ND	*	980	80	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4,5-Trichlorophenol	ND		980	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Benzaldehyde	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:20	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-4-(0)
Date Collected: 09/19/12 11:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-4
Matrix: Solid
Percent Solids: 84.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	41		25 - 135	09/27/12 11:22	10/03/12 15:20	1
2-Fluorobiphenyl	61		35 - 110	09/27/12 11:22	10/03/12 15:20	1
2-Fluorophenol (Surr)	65		30 - 135	09/27/12 11:22	10/03/12 15:20	1
Nitrobenzene-d5 (Surr)	63		35 - 110	09/27/12 11:22	10/03/12 15:20	1
Phenol-d5 (Surr)	56		30 - 130	09/27/12 11:22	10/03/12 15:20	1
Terphenyl-d14 (Surr)	77		30 - 130	09/27/12 11:22	10/03/12 15:20	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1221	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1232	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1242	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1248	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1254	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1260	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1262	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1
PCB-1268	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 10:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		36 - 182	09/24/12 09:09	09/25/12 10:19	1
DCB Decachlorobiphenyl	119		36 - 182	09/24/12 09:09	09/25/12 10:19	1
Tetrachloro-m-xylene	129		24 - 172	09/24/12 09:09	09/25/12 10:19	1
Tetrachloro-m-xylene	128		24 - 172	09/24/12 09:09	09/25/12 10:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**470**		13	5.7	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Antimony	ND		19	0.70	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Arsenic	**0.87**	**J**	2.6	0.52	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Barium	**1.9**		0.65	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Beryllium	ND		0.26	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Cadmium	ND		0.26	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Calcium	**210**	**B**	65	4.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Chromium	**1.1**		0.65	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Cobalt	**0.44**	**J**	0.65	0.065	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Copper	**0.99**	**J**	1.3	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Iron	**1400**	**B**	13	1.4	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Lead	**0.76**	**J**	1.3	0.31	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Magnesium	**88**	**B**	26	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Manganese	**24**		0.26	0.041	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Nickel	**0.61**	**J**	6.5	0.30	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Potassium	**46**		39	26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Selenium	ND		5.2	0.74	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Silver	ND		0.65	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Sodium	ND		180	17	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Thallium	ND		7.8	0.39	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Vanadium	**1.5**		0.65	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1
Zinc	**2.1**	**J B**	2.6	0.20	mg/Kg	☼	09/24/12 10:40	09/25/12 13:38	1

Client Sample ID: NS-SS-SS-4-(0)

Lab Sample ID: 480-25484-4
Date Collected: 09/19/12 11:30
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.0097	mg/Kg	☼	09/24/12 10:30	09/24/12 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.52	mg/Kg	☼	09/24/12 19:58	09/25/12 10:23	1

Client Sample ID: NS-SS-SS-5-(0.25)

Lab Sample ID: 480-25484-5
Date Collected: 09/19/12 10:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,1,2-Trichloroethane	ND		6.3	0.82	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,1-Dichloroethane	ND		6.3	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,1-Dichloroethene	ND		6.3	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2-Dibromo-3-Chloropropane	ND		6.3	3.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2-Dibromoethane	ND		6.3	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2-Dichlorobenzene	ND		6.3	0.50	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2-Dichloroethane	ND		6.3	0.32	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,2-Dichloropropane	ND		6.3	3.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,3-Dichlorobenzene	ND		6.3	0.33	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
1,4-Dichlorobenzene	ND		6.3	0.89	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
2-Butanone (MEK)	ND		32	2.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Acetone	ND		32	5.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Benzene	ND		6.3	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Bromodichloromethane	ND		6.3	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Bromomethane	ND		6.3	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Carbon disulfide	ND		6.3	3.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Carbon tetrachloride	ND		6.3	0.61	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Chlorobenzene	ND		6.3	0.84	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Dibromochloromethane	ND		6.3	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Chloroethane	ND		6.3	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Chloroform	ND		6.3	0.39	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Chloromethane	ND		6.3	0.38	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
cis-1,2-Dichloroethene	ND		6.3	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
cis-1,3-Dichloropropene	ND		6.3	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Cyclohexane	ND		6.3	0.89	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Dichlorodifluoromethane	ND		6.3	0.52	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Ethylbenzene	ND		6.3	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Isopropylbenzene	ND		6.3	0.95	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Methyl acetate	ND		6.3	1.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Methyl tert-butyl ether	ND		6.3	0.62	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Methylcyclohexane	ND		6.3	0.96	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Methylene Chloride	ND		6.3	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1

Client Sample ID: NS-SS-SS-5-(0.25)
Date Collected: 09/19/12 10:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-5
Matrix: Solid
Percent Solids: 84.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.3	0.32	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Tetrachloroethene	ND		6.3	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Toluene	ND		6.3	0.48	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Trichloroethene	ND		6.3	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Trichlorofluoromethane	ND		6.3	0.60	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Vinyl chloride	ND		6.3	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 03:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 03:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*09/27/12 13:36*	*09/28/12 03:34*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*09/27/12 13:36*	*09/28/12 03:34*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*09/27/12 13:36*	*09/28/12 03:34*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**40**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Anthracene	**120**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzo[a]anthracene	**660**		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzo[a]pyrene	**790**		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzo[b]fluoranthene	**900**		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzo[g,h,i]perylene	**480**		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzo[k]fluoranthene	**740**		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Bis(2-ethylhexyl) phthalate	**560**		390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Butyl benzyl phthalate	**60**	**J**	390	23	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Carbazole	**49**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Chloronaphthalene	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Chrysene	**810**		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Dibenz(a,h)anthracene	**190**	**J**	390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Dibenzofuran	**26**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Di-n-butyl phthalate	**25**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
3,3'-Dichlorobenzidine	ND		390	56	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Fluoranthene	**860**		390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Fluorene	**45**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-5-(0.25)
Date Collected: 09/19/12 10:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-5
Matrix: Solid
Percent Solids: 84.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Hexachlorocyclopentadiene	ND		390	76	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Indeno[1,2,3-cd]pyrene	**430**		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Isophorone	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Naphthalene	**21**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Nitroaniline	ND		970	43	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
3-Nitroaniline	ND		970	45	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Nitroaniline	ND		970	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
N-Nitrosodiphenylamine	ND	*	450	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Phenanthrene	**590**		390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Pyrene	**1200**		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4-Dinitrophenol	ND		970	160	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4,6-Dinitro-2-methylphenol	ND		970	110	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2-Nitrophenol	ND		390	43	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
4-Nitrophenol	ND		970	99	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Pentachlorophenol	ND	*	970	80	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4,5-Trichlorophenol	ND		970	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Benzaldehyde	**20**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*25 - 135*	*09/27/12 11:22*	*10/03/12 15:54*	*1*
2-Fluorobiphenyl	*62*		*35 - 110*	*09/27/12 11:22*	*10/03/12 15:54*	*1*
2-Fluorophenol (Surr)	*62*		*30 - 135*	*09/27/12 11:22*	*10/03/12 15:54*	*1*
Nitrobenzene-d5 (Surr)	*58*		*35 - 110*	*09/27/12 11:22*	*10/03/12 15:54*	*1*
Phenol-d5 (Surr)	*55*		*30 - 130*	*09/27/12 11:22*	*10/03/12 15:54*	*1*
Terphenyl-d14 (Surr)	*60*		*30 - 130*	*09/27/12 11:22*	*10/03/12 15:54*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**37**	**J**	770	31	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Acenaphthylene	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Acetophenone	ND		770	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Anthracene	**120**	**J**	770	33	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-5-(0.25)
Date Collected: 09/19/12 10:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-5
Matrix: Solid
Percent Solids: 84.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**630**	**J**	770	31	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Benzo[a]pyrene	**760**	**J**	770	230	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Benzo[b]fluoranthene	**920**		770	54	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Benzo[g,h,i]perylene	**480**	**J**	770	31	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Benzo[k]fluoranthene	**700**	**J**	770	70	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Bis(2-chloroethyl)ether	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Bis(2-chloroethoxy)methane	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
bis (2-chloroisopropyl) ether	ND		770	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Bis(2-ethylhexyl) phthalate	**570**	**J**	770	49	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4-Bromophenyl phenyl ether	ND		770	42	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Butyl benzyl phthalate	**51**	**J**	770	47	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Carbazole	**49**	**J**	770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4-Chloroaniline	ND		770	75	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Chloronaphthalene	ND		770	100	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4-Chlorophenyl phenyl ether	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Chrysene	**820**		770	42	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Dibenz(a,h)anthracene	ND		770	230	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Dibenzofuran	ND		770	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Di-n-butyl phthalate	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
3,3'-Dichlorobenzidine	ND		770	110	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Diethyl phthalate	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Dimethyl phthalate	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4-Dinitrotoluene	ND		770	56	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,6-Dinitrotoluene	ND		770	70	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Di-n-octyl phthalate	ND		770	54	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Fluoranthene	**760**	**J**	770	28	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Fluorene	**41**	**J**	770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Hexachlorobenzene	ND		770	110	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Hexachlorobutadiene	ND		770	82	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Hexachlorocyclopentadiene	ND		770	150	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Hexachloroethane	ND		770	80	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Indeno[1,2,3-cd]pyrene	**400**	**J**	770	230	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Isophorone	ND		770	99	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Methylnaphthalene	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Naphthalene	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Nitroaniline	ND		1900	87	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
3-Nitroaniline	ND		1900	89	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4-Nitroaniline	ND		1900	75	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Nitrobenzene	ND		770	96	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
N-Nitrosodi-n-propylamine	ND		770	110	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
N-Nitrosodiphenylamine	ND	*	910	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Phenanthrene	**580**	**J**	770	28	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Pyrene	**1200**		770	33	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4-Chloro-3-methylphenol	ND		770	94	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Chlorophenol	ND		770	80	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Methylphenol	ND		770	94	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4-Dichlorophenol	ND		770	77	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4-Dimethylphenol	ND		770	120	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4-Dinitrophenol	ND		1900	330	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
4,6-Dinitro-2-methylphenol	ND		1900	230	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2-Nitrophenol	ND		770	87	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-5-(0.25)
Date Collected: 09/19/12 10:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-5
Matrix: Solid
Percent Solids: 84.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1900	200	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Pentachlorophenol	ND		1900	160	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Phenol	ND		770	94	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4,5-Trichlorophenol	ND		1900	80	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
2,4,6-Trichlorophenol	ND		770	80	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Atrazine	ND		770	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Benzaldehyde	ND		770	38	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
1,1'-Biphenyl	ND		770	35	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
Caprolactam	ND		770	82	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
1,2-Dichlorobenzene	ND		770	96	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
1,3-Dichlorobenzene	ND		770	75	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
1,4-Dichlorobenzene	ND		770	89	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2
1,2,4-Trichlorobenzene	ND		770	82	ug/Kg	☼	09/27/12 11:22	10/01/12 13:22	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*25 - 135*	*09/27/12 11:22*	*10/01/12 13:22*	*2*
2-Fluorobiphenyl	*59*		*35 - 110*	*09/27/12 11:22*	*10/01/12 13:22*	*2*
2-Fluorophenol (Surr)	*59*		*30 - 135*	*09/27/12 11:22*	*10/01/12 13:22*	*2*
Nitrobenzene-d5 (Surr)	*56*		*35 - 110*	*09/27/12 11:22*	*10/01/12 13:22*	*2*
Phenol-d5 (Surr)	*52*		*30 - 130*	*09/27/12 11:22*	*10/01/12 13:22*	*2*
Terphenyl-d14 (Surr)	*55*		*30 - 130*	*09/27/12 11:22*	*10/01/12 13:22*	*2*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1221	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1232	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1242	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1248	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1254	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1260	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1262	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1
PCB-1268	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/24/12 09:09*	*09/25/12 10:34*	*1*
DCB Decachlorobiphenyl	*101*		*36 - 182*	*09/24/12 09:09*	*09/25/12 10:34*	*1*
Tetrachloro-m-xylene	*116*		*24 - 172*	*09/24/12 09:09*	*09/25/12 10:34*	*1*
Tetrachloro-m-xylene	*114*		*24 - 172*	*09/24/12 09:09*	*09/25/12 10:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3500**		12	5.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Antimony	**1.8**	**J**	18	0.65	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Arsenic	**3.0**		2.4	0.48	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Barium	**76**		0.61	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Beryllium	**0.19**	**J**	0.24	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Cadmium	**9.3**		0.24	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Calcium	**22000**	**B**	61	4.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Chromium	**18**		0.61	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Cobalt	**3.1**		0.61	0.061	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Copper	**140**		1.2	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1

Client Sample ID: NS-SS-SS-5-(0.25)

Lab Sample ID: 480-25484-5

Date Collected: 09/19/12 10:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.4

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	9500	B	12	1.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Lead	540		1.2	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Magnesium	1700	B	24	1.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Manganese	120		0.24	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Nickel	13		6.1	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Potassium	430		36	24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Selenium	ND		4.8	0.69	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Silver	49		0.61	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Sodium	110	J	170	16	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Thallium	ND		7.3	0.36	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Vanadium	13		0.61	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1
Zinc	260	B	2.4	0.19	mg/Kg	☼	09/24/12 10:40	09/25/12 13:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	6.3		0.24	0.096	mg/Kg	☼	09/24/12 10:30	09/24/12 13:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.75	J	1.1	0.55	mg/Kg	☼	09/24/12 19:58	09/25/12 10:24	1

Client Sample ID: NS-SS-SS-6-(0.25)

Lab Sample ID: 480-25484-6

Date Collected: 09/19/12 10:15
Matrix: Solid
Date Received: 09/21/12 09:00

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			09/26/12 23:54	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/26/12 23:54	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/26/12 23:54	10
Chloroform	ND		0.010	0.0034	mg/L			09/26/12 23:54	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/26/12 23:54	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/26/12 23:54	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/26/12 23:54	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/26/12 23:54	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/26/12 23:54	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/26/12 23:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*71*		*66 - 137*		*09/26/12 23:54*	*10*
Toluene-d8 (Surr)	*72*		*71 - 126*		*09/26/12 23:54*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/26/12 23:54*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,1-Dichloroethene	ND		5.9	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid
Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,3-Dichlorobenzene	ND		5.9	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
4-Methyl-2-pentanone (MIBK)	ND		30	1.9	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Acetone	ND		30	5.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Benzene	ND		5.9	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Bromodichloromethane	ND		5.9	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Carbon disulfide	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Chloroform	ND		5.9	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Cyclohexane	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Isopropylbenzene	ND		5.9	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Methylcyclohexane	ND		5.9	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Styrene	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Tetrachloroethene	ND		5.9	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Toluene	ND		5.9	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Trichloroethene	**3.8**	**J**	5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 03:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 03:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*09/27/12 13:36*	*09/28/12 03:59*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/27/12 13:36*	*09/28/12 03:59*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*09/27/12 13:36*	*09/28/12 03:59*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/27/12 06:43	09/28/12 22:20	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/27/12 06:43	09/28/12 22:20	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/27/12 06:43	09/28/12 22:20	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/27/12 06:43	09/28/12 22:20	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/27/12 06:43	09/28/12 22:20	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/27/12 06:43	09/28/12 22:20	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/27/12 06:43	09/28/12 22:20	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/27/12 06:43	09/28/12 22:20	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/27/12 06:43	09/28/12 22:20	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/27/12 06:43	09/28/12 22:20	1
Pyridine	ND		0.025	0.00041	mg/L		09/27/12 06:43	09/28/12 22:20	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/27/12 06:43	09/28/12 22:20	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/27/12 06:43	09/28/12 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 132*	*09/27/12 06:43*	*09/28/12 22:20*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*09/27/12 06:43*	*09/28/12 22:20*	*1*
2-Fluorophenol	*47*		*20 - 120*	*09/27/12 06:43*	*09/28/12 22:20*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*09/27/12 06:43*	*09/28/12 22:20*	*1*
p-Terphenyl-d14	*84*		*67 - 150*	*09/27/12 06:43*	*09/28/12 22:20*	*1*
Phenol-d5	*33*		*16 - 120*	*09/27/12 06:43*	*09/28/12 22:20*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**45**	**J**	410	16	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Acenaphthylene	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Acetophenone	ND		410	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Anthracene	**200**	**J**	410	17	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzo[a]anthracene	**1200**		410	16	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzo[a]pyrene	**1200**		410	120	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzo[b]fluoranthene	**1600**		410	28	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzo[g,h,i]perylene	**560**		410	16	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzo[k]fluoranthene	**1000**		410	37	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Bis(2-chloroethyl)ether	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Bis(2-chloroethoxy)methane	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
bis (2-chloroisopropyl) ether	ND		410	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Bis(2-ethylhexyl) phthalate	**1700**		410	26	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Bromophenyl phenyl ether	ND		410	22	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Butyl benzyl phthalate	**120**	**J**	410	25	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Carbazole	**56**	**J**	410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Chloroaniline	ND		410	39	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Chloronaphthalene	ND		410	53	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Chlorophenyl phenyl ether	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Chrysene	**1600**		410	22	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Dibenz(a,h)anthracene	**170**	**J**	410	120	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Dibenzofuran	**26**	**J**	410	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Di-n-butyl phthalate	**35**	**J**	410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
3,3'-Dichlorobenzidine	ND		410	59	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Diethyl phthalate	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Dimethyl phthalate	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4-Dinitrotoluene	ND		410	30	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		410	37	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Di-n-octyl phthalate	ND		410	28	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Fluoranthene	**1700**		410	15	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Fluorene	**41**	**J**	410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Hexachlorobenzene	ND		410	57	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Hexachlorobutadiene	ND		410	43	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Hexachlorocyclopentadiene	ND		410	80	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Hexachloroethane	ND		410	42	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Indeno[1,2,3-cd]pyrene	**550**		410	120	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Isophorone	ND		410	52	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Methylnaphthalene	**24**	**J**	410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Naphthalene	**34**	**J**	410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Nitroaniline	ND		1000	45	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
3-Nitroaniline	ND		1000	47	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Nitroaniline	ND		1000	39	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Nitrobenzene	ND		410	50	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
N-Nitrosodi-n-propylamine	ND		410	57	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
N-Nitrosodiphenylamine	ND	*	480	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Phenanthrene	**880**		410	15	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Pyrene	**5600**	**E**	410	17	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Chloro-3-methylphenol	ND		410	49	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Chlorophenol	ND		410	42	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Methylphenol	ND		410	49	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4-Dichlorophenol	ND		410	41	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4-Dimethylphenol	ND		410	64	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4-Dinitrophenol	ND		1000	170	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4,6-Dinitro-2-methylphenol	ND		1000	120	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2-Nitrophenol	ND		410	45	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
4-Nitrophenol	ND		1000	100	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Pentachlorophenol	ND	*	1000	84	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Phenol	ND		410	49	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4,5-Trichlorophenol	ND		1000	42	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
2,4,6-Trichlorophenol	ND		410	42	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Atrazine	ND		410	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Benzaldehyde	ND		410	20	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
1,1'-Biphenyl	ND		410	18	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
Caprolactam	ND		410	43	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
1,2-Dichlorobenzene	ND		410	50	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
1,3-Dichlorobenzene	ND		410	39	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
1,4-Dichlorobenzene	ND		410	47	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1
1,2,4-Trichlorobenzene	ND		410	43	ug/Kg	☼	09/27/12 11:22	10/03/12 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*30*		*25 - 135*	*09/27/12 11:22*	*10/03/12 16:29*	*1*
2-Fluorobiphenyl	*64*		*35 - 110*	*09/27/12 11:22*	*10/03/12 16:29*	*1*
2-Fluorophenol (Surr)	*75*		*30 - 135*	*09/27/12 11:22*	*10/03/12 16:29*	*1*
Nitrobenzene-d5 (Surr)	*70*		*35 - 110*	*09/27/12 11:22*	*10/03/12 16:29*	*1*
Phenol-d5 (Surr)	*66*		*30 - 130*	*09/27/12 11:22*	*10/03/12 16:29*	*1*
Terphenyl-d14 (Surr)	*98*		*30 - 130*	*09/27/12 11:22*	*10/03/12 16:29*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**57**	**J**	690	27	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Acenaphthylene	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Acetophenone	ND		690	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Anthracene	**220**	**J**	690	29	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzo[a]anthracene	**1200**		690	27	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzo[a]pyrene	**1200**		690	210	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzo[b]fluoranthene	**1300**		690	48	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzo[g,h,i]perylene	**660**	**J**	690	27	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzo[k]fluoranthene	**1500**		690	63	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Bis(2-chloroethyl)ether	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Bis(2-chloroethoxy)methane	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
bis (2-chloroisopropyl) ether	ND		690	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Bis(2-ethylhexyl) phthalate	**1600**		690	44	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Bromophenyl phenyl ether	ND		690	38	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Butyl benzyl phthalate	**120**	**J**	690	42	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Carbazole	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Chloroaniline	ND		690	67	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Chloronaphthalene	ND		690	90	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Chlorophenyl phenyl ether	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Chrysene	**1600**		690	38	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Dibenz(a,h)anthracene	**230**	**J**	690	210	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Dibenzofuran	**37**	**J**	690	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Di-n-butyl phthalate	**45**	**J**	690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
3,3'-Dichlorobenzidine	ND		690	100	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Diethyl phthalate	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Dimethyl phthalate	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,4-Dinitrotoluene	ND		690	50	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,6-Dinitrotoluene	ND		690	63	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Di-n-octyl phthalate	ND		690	48	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Fluoranthene	**1500**		690	25	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Fluorene	**59**	**J**	690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Hexachlorobenzene	ND		690	96	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Hexachlorobutadiene	ND		690	73	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Hexachlorocyclopentadiene	ND		690	140	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Hexachloroethane	ND		690	71	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Indeno[1,2,3-cd]pyrene	**550**	**J**	690	210	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Isophorone	ND		690	88	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Methylnaphthalene	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Naphthalene	**36**	**J**	690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Nitroaniline	ND		1700	77	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
3-Nitroaniline	ND		1700	79	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Nitroaniline	ND		1700	67	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Nitrobenzene	ND		690	86	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
N-Nitrosodi-n-propylamine	ND		690	96	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
N-Nitrosodiphenylamine	ND	*	810	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Phenanthrene	**900**		690	25	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Pyrene	**3100**		690	29	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Chloro-3-methylphenol	ND		690	84	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Chlorophenol	ND		690	71	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Methylphenol	ND		690	84	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,4-Dichlorophenol	ND		690	69	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		690	110	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,4-Dinitrophenol	ND		1700	290	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4,6-Dinitro-2-methylphenol	ND		1700	200	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2-Nitrophenol	ND		690	77	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
4-Nitrophenol	ND		1700	180	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Pentachlorophenol	ND		1700	140	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Phenol	ND		690	84	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,4,5-Trichlorophenol	ND		1700	71	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
2,4,6-Trichlorophenol	ND		690	71	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Atrazine	ND		690	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Benzaldehyde	ND		690	33	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
1,1'-Biphenyl	ND		690	31	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
Caprolactam	ND		690	73	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
1,2-Dichlorobenzene	ND		690	86	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
1,3-Dichlorobenzene	ND		690	67	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
1,4-Dichlorobenzene	ND		690	79	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7
1,2,4-Trichlorobenzene	ND		690	73	ug/Kg	☼	09/27/12 11:22	10/07/12 12:00	1.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*25 - 135*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*
2-Fluorobiphenyl	*92*		*35 - 110*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*
2-Fluorophenol (Surr)	*93*		*30 - 135*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*
Nitrobenzene-d5 (Surr)	*100*		*35 - 110*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*
Phenol-d5 (Surr)	*85*		*30 - 130*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*
Terphenyl-d14 (Surr)	*101*		*30 - 130*	*09/27/12 11:22*	*10/07/12 12:00*	*1.7*

Method: 8081A - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/27/12 07:15	09/28/12 15:20	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/27/12 07:15	09/28/12 15:20	1
Endrin	**0.000056**	**J**	0.00020	0.000014	mg/L		09/27/12 07:15	09/28/12 15:20	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/27/12 07:15	09/28/12 15:20	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/27/12 07:15	09/28/12 15:20	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/27/12 07:15	09/28/12 15:20	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/27/12 07:15	09/28/12 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*16 - 120*	*09/27/12 07:15*	*09/28/12 15:20*	*1*
DCB Decachlorobiphenyl	*83*		*16 - 120*	*09/27/12 07:15*	*09/28/12 15:20*	*1*
Tetrachloro-m-xylene	*68*		*35 - 120*	*09/27/12 07:15*	*09/28/12 15:20*	*1*
Tetrachloro-m-xylene	*90*		*35 - 120*	*09/27/12 07:15*	*09/28/12 15:20*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		4900	950	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1221	ND		4900	950	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1232	ND		4900	950	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1242	ND		4900	950	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1248	ND		4900	950	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1254	ND		4900	2300	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1260	**36000**		4900	2300	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20
PCB-1262	ND		4900	2300	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20

Client Sample ID: NS-SS-SS-6-(0.25)
Date Collected: 09/19/12 10:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-6
Matrix: Solid
Percent Solids: 81.8

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	52000		4900	2300	ug/Kg	☼	09/24/12 09:09	09/25/12 10:48	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*929*	*X*	*36 - 182*	*09/24/12 09:09*	*09/25/12 10:48*	*20*
DCB Decachlorobiphenyl	*856*	*X*	*36 - 182*	*09/24/12 09:09*	*09/25/12 10:48*	*20*
Tetrachloro-m-xylene	*309*	*X*	*24 - 172*	*09/24/12 09:09*	*09/25/12 10:48*	*20*
Tetrachloro-m-xylene	*315*	*X*	*24 - 172*	*09/24/12 09:09*	*09/25/12 10:48*	*20*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/28/12 06:24	10/03/12 13:14	1
2,4-D	ND		0.0020	0.00040	mg/L		09/28/12 06:24	10/03/12 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*21*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 13:14*	*1*
2,4-Dichlorophenylacetic acid	*21*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 13:14*	*1*

Method: 1110A - Corrosivity Toward Steel

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	ND		0.10	0.10	mm/year			10/15/12 12:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3300		12	5.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Antimony	2.1	J	18	0.65	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Arsenic	4.6		2.4	0.48	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Barium	78		0.60	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Beryllium	0.27		0.24	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Cadmium	0.99		0.24	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Calcium	25000	B	60	4.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Chromium	29		0.60	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Cobalt	3.1		0.60	0.060	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Copper	150		1.2	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Iron	9500	B	12	1.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Lead	220		1.2	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Magnesium	1900	B	24	1.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Manganese	130		0.24	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Nickel	12		6.0	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Potassium	530		36	24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Selenium	0.80	J	4.8	0.69	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Silver	3.4		0.60	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Sodium	190		170	16	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Thallium	ND		7.2	0.36	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Vanadium	12		0.60	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1
Zinc	230	B	2.4	0.18	mg/Kg	☼	09/24/12 10:40	09/25/12 13:43	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/26/12 11:40	09/26/12 22:09	1
Barium	0.54	B	0.0020	0.00070	mg/L		09/26/12 11:40	09/26/12 22:09	1
Cadmium	0.016		0.0010	0.00050	mg/L		09/26/12 11:40	09/26/12 22:09	1
Chromium	0.0045	B	0.0040	0.0010	mg/L		09/26/12 11:40	09/26/12 22:09	1

Client Sample ID: NS-SS-SS-6-(0.25)

Lab Sample ID: 480-25484-6

Date Collected: 09/19/12 10:15
Matrix: Solid
Date Received: 09/21/12 09:00

Method: 6010B - TCLP RCRA Metals - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.13**		0.0050	0.0030	mg/L		09/26/12 11:40	09/26/12 22:09	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 11:40	09/26/12 22:09	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 11:40	09/26/12 22:09	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00051**		0.00020	0.00012	mg/L		09/26/12 12:00	09/26/12 15:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.4**		0.25	0.10	mg/Kg	☼	09/24/12 10:30	09/24/12 13:15	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**1.2**		1.1	0.54	mg/Kg	☼	09/25/12 15:30	09/26/12 03:15	1
Halogens, Extractable Organic	ND		61	43	mg/Kg	☼	10/11/12 08:00	10/12/12 10:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176**		50.0	50.0	Degrees F			10/12/12 02:06	1

Client Sample ID: NS-SS-SS-7-(0.25)

Lab Sample ID: 480-25484-7

Date Collected: 09/19/12 11:15
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 85.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
1,4-Dichlorobenzene	ND		6.0	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Acetone	ND		30	5.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Dibromochloromethane	ND		6.0	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Chloroethane	ND		6.0	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1

Client Sample ID: NS-SS-SS-7-(0.25)
Date Collected: 09/19/12 11:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-7
Matrix: Solid
Percent Solids: 85.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
cis-1,2-Dichloroethene	ND		6.0	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Cyclohexane	ND		6.0	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Methylene Chloride	ND		6.0	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Tetrachloroethene	ND		6.0	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Trichlorofluoromethane	ND		6.0	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 04:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*	*09/27/12 13:36*	*09/28/12 04:24*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/27/12 13:36*	*09/28/12 04:24*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/27/12 13:36*	*09/28/12 04:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Anthracene	**43**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzo[a]anthracene	**250**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzo[a]pyrene	**240**	**J**	390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzo[b]fluoranthene	**280**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzo[g,h,i]perylene	**140**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzo[k]fluoranthene	**260**	**J**	390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Bis(2-ethylhexyl) phthalate	**1200**		390	25	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Butyl benzyl phthalate	**57**	**J**	390	23	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Chloroaniline	ND		390	37	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Chloronaphthalene	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Chrysene	**340**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1

Client Sample ID: NS-SS-SS-7-(0.25)
Date Collected: 09/19/12 11:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-7
Matrix: Solid
Percent Solids: 85.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Di-n-butyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
3,3'-Dichlorobenzidine	ND		390	56	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Fluoranthene	**250**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Hexachlorocyclopentadiene	ND		390	76	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Indeno[1,2,3-cd]pyrene	**130**	**J**	390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Isophorone	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Nitroaniline	ND		970	43	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
3-Nitroaniline	ND		970	44	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Nitroaniline	ND		970	37	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
N-Nitrosodiphenylamine	ND	*	450	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Phenanthrene	**200**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Pyrene	**610**		390	16	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4-Dinitrophenol	ND		970	160	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4,6-Dinitro-2-methylphenol	ND		970	110	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2-Nitrophenol	ND		390	43	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
4-Nitrophenol	ND		970	98	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Pentachlorophenol	ND		970	79	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4,5-Trichlorophenol	ND		970	40	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Benzaldehyde	**34**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
1,3-Dichlorobenzene	ND		390	37	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
1,4-Dichlorobenzene	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*25 - 135*	*09/27/12 11:22*	*10/01/12 14:30*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-7-(0.25)
Date Collected: 09/19/12 11:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-7
Matrix: Solid
Percent Solids: 85.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		35 - 110	09/27/12 11:22	10/01/12 14:30	1
2-Fluorophenol (Surr)	62		30 - 135	09/27/12 11:22	10/01/12 14:30	1
Nitrobenzene-d5 (Surr)	59		35 - 110	09/27/12 11:22	10/01/12 14:30	1
Phenol-d5 (Surr)	51		30 - 130	09/27/12 11:22	10/01/12 14:30	1
Terphenyl-d14 (Surr)	61		30 - 130	09/27/12 11:22	10/01/12 14:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Anthracene	**47**	**J**	390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzo[a]anthracene	**250**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzo[a]pyrene	**240**	**J**	390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzo[b]fluoranthene	**360**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzo[g,h,i]perylene	**170**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzo[k]fluoranthene	**230**	**J**	390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Bis(2-ethylhexyl) phthalate	**1200**		390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Butyl benzyl phthalate	**73**	**J**	390	23	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Chloroaniline	ND		390	37	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Chloronaphthalene	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Chrysene	**360**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Di-n-butyl phthalate	**20**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
3,3'-Dichlorobenzidine	ND		390	56	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Fluoranthene	**320**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Hexachlorocyclopentadiene	ND		390	76	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Isophorone	ND		390	49	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Nitroaniline	ND		970	43	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
3-Nitroaniline	ND		970	44	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Nitroaniline	ND		970	37	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-7-(0.25)
Date Collected: 09/19/12 11:15
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-7
Matrix: Solid
Percent Solids: 85.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
N-Nitrosodiphenylamine	ND	*	450	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Phenanthrene	**210**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Pyrene	**570**		390	16	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4-Dinitrophenol	ND		970	160	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4,6-Dinitro-2-methylphenol	ND		970	110	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2-Nitrophenol	ND		390	43	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
4-Nitrophenol	ND		970	98	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Pentachlorophenol	ND	*	970	79	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4,5-Trichlorophenol	ND		970	40	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Benzaldehyde	**35**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
1,3-Dichlorobenzene	ND		390	37	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
1,4-Dichlorobenzene	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*		*25 - 135*	*09/27/12 11:22*	*10/03/12 17:03*	*1*
2-Fluorobiphenyl	*63*		*35 - 110*	*09/27/12 11:22*	*10/03/12 17:03*	*1*
2-Fluorophenol (Surr)	*62*		*30 - 135*	*09/27/12 11:22*	*10/03/12 17:03*	*1*
Nitrobenzene-d5 (Surr)	*58*		*35 - 110*	*09/27/12 11:22*	*10/03/12 17:03*	*1*
Phenol-d5 (Surr)	*51*		*30 - 130*	*09/27/12 11:22*	*10/03/12 17:03*	*1*
Terphenyl-d14 (Surr)	*66*		*30 - 130*	*09/27/12 11:22*	*10/03/12 17:03*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1221	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1232	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1242	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1248	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1254	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1260	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1262	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1
PCB-1268	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*185*	*X*	*36 - 182*	*09/24/12 09:09*	*09/25/12 11:03*	*1*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/24/12 09:09*	*09/25/12 11:03*	*1*
Tetrachloro-m-xylene	*127*		*24 - 172*	*09/24/12 09:09*	*09/25/12 11:03*	*1*
Tetrachloro-m-xylene	*124*		*24 - 172*	*09/24/12 09:09*	*09/25/12 11:03*	*1*

Client Sample ID: NS-SS-SS-7-(0.25)

Lab Sample ID: 480-25484-7

Date Collected: 09/19/12 11:15
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4000		13	5.5	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Antimony	0.68	J	19	0.68	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Arsenic	2.6		2.5	0.50	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Barium	46		0.63	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Beryllium	0.23	J	0.25	0.035	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Cadmium	0.75		0.25	0.038	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Calcium	35000	B	63	4.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Chromium	28		0.63	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Cobalt	2.5		0.63	0.063	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Copper	150		1.3	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Iron	7600	B	13	1.4	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Lead	110		1.3	0.30	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Magnesium	1900	B	25	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Manganese	130		0.25	0.040	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Nickel	8.6		6.3	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Potassium	750		38	25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Selenium	1.1	J	5.0	0.72	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Silver	1.8		0.63	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Sodium	260		180	16	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Thallium	ND		7.5	0.38	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Vanadium	9.1		0.63	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1
Zinc	190	B	2.5	0.19	mg/Kg	☼	09/24/12 10:40	09/25/12 13:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.1		0.22	0.090	mg/Kg	☼	09/24/12 10:30	09/24/12 13:17	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.56	mg/Kg	☼	09/25/12 15:30	09/26/12 02:37	1

Client Sample ID: NS-SS-SS-8-(0)

Lab Sample ID: 480-25484-8

Date Collected: 09/19/12 12:45
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.99	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,1,2-Trichloroethane	ND		6.1	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,1-Dichloroethane	ND		6.1	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,1-Dichloroethene	ND		6.1	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2,4-Trichlorobenzene	ND		6.1	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2-Dibromoethane	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2-Dichlorobenzene	ND		6.1	0.48	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2-Dichloroethane	ND		6.1	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,2-Dichloropropane	ND		6.1	3.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,3-Dichlorobenzene	ND		6.1	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
1,4-Dichlorobenzene	ND		6.1	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-8-(0)
Date Collected: 09/19/12 12:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-8
Matrix: Solid
Percent Solids: 82.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		31	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Acetone	**5.9**	**J**	31	5.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Benzene	ND		6.1	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Bromodichloromethane	ND		6.1	0.82	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Bromoform	ND		6.1	3.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Bromomethane	ND		6.1	0.55	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Carbon disulfide	ND		6.1	3.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Carbon tetrachloride	ND		6.1	0.59	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Chlorobenzene	ND		6.1	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Dibromochloromethane	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Chloroethane	ND		6.1	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Chloroform	ND		6.1	0.38	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Chloromethane	ND		6.1	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
cis-1,2-Dichloroethene	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
cis-1,3-Dichloropropene	ND		6.1	0.88	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Cyclohexane	ND		6.1	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Dichlorodifluoromethane	ND		6.1	0.50	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Ethylbenzene	ND		6.1	0.42	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Isopropylbenzene	ND		6.1	0.92	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Methyl acetate	ND		6.1	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Methyl tert-butyl ether	ND		6.1	0.60	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Methylcyclohexane	ND		6.1	0.93	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Methylene Chloride	ND		6.1	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Styrene	ND		6.1	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Tetrachloroethene	ND		6.1	0.82	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Toluene	ND		6.1	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
trans-1,2-Dichloroethene	ND		6.1	0.63	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
trans-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Trichloroethene	ND		6.1	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Trichlorofluoromethane	ND		6.1	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Vinyl chloride	ND		6.1	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 04:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 04:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*	*09/27/12 13:36*	*09/28/12 04:50*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/27/12 13:36*	*09/28/12 04:50*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*	*09/27/12 13:36*	*09/28/12 04:50*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Acenaphthylene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Acetophenone	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Anthracene	ND		400	17	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Benzo[a]anthracene	**28**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Benzo[a]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Benzo[b]fluoranthene	**33**	**J**	400	28	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Benzo[g,h,i]perylene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-8-(0)
Date Collected: 09/19/12 12:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-8
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		400	36	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Bis(2-chloroethyl)ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Bis(2-chloroethoxy)methane	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
bis (2-chloroisopropyl) ether	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Bis(2-ethylhexyl) phthalate	**220**	**J**	400	25	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Bromophenyl phenyl ether	ND		400	22	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Butyl benzyl phthalate	**28**	**J**	400	24	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Carbazole	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Chloroaniline	ND		400	38	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Chloronaphthalene	ND		400	52	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Chlorophenyl phenyl ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Chrysene	**36**	**J**	400	22	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Dibenz(a,h)anthracene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Dibenzofuran	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Di-n-butyl phthalate	**19**	**J**	400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
3,3'-Dichlorobenzidine	ND		400	58	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Diethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Dimethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,4-Dinitrotoluene	ND		400	29	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,6-Dinitrotoluene	ND		400	36	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Di-n-octyl phthalate	ND		400	28	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Fluoranthene	**28**	**J**	400	14	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Fluorene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Hexachlorobenzene	ND		400	55	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Hexachlorobutadiene	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Hexachlorocyclopentadiene	ND		400	78	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Hexachloroethane	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Indeno[1,2,3-cd]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Isophorone	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Methylnaphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Naphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
3-Nitroaniline	ND		990	46	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Nitrobenzene	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
N-Nitrosodi-n-propylamine	ND		400	55	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Phenanthrene	**25**	**J**	400	14	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Pyrene	**61**	**J**	400	17	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Chloro-3-methylphenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Chlorophenol	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Methylphenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,4-Dichlorophenol	ND		400	40	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,4-Dimethylphenol	ND		400	62	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2-Nitrophenol	ND		400	44	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Pentachlorophenol	ND		990	81	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Phenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-8-(0)
Date Collected: 09/19/12 12:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-8
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Atrazine	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Benzaldehyde	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
1,1'-Biphenyl	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
Caprolactam	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
1,2-Dichlorobenzene	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
1,3-Dichlorobenzene	ND		400	38	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
1,4-Dichlorobenzene	ND		400	46	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1
1,2,4-Trichlorobenzene	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/01/12 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*25 - 135*	*09/27/12 11:22*	*10/01/12 15:05*	*1*
2-Fluorobiphenyl	*65*		*35 - 110*	*09/27/12 11:22*	*10/01/12 15:05*	*1*
2-Fluorophenol (Surr)	*65*		*30 - 135*	*09/27/12 11:22*	*10/01/12 15:05*	*1*
Nitrobenzene-d5 (Surr)	*61*		*35 - 110*	*09/27/12 11:22*	*10/01/12 15:05*	*1*
Phenol-d5 (Surr)	*58*		*30 - 130*	*09/27/12 11:22*	*10/01/12 15:05*	*1*
Terphenyl-d14 (Surr)	*76*		*30 - 130*	*09/27/12 11:22*	*10/01/12 15:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Acenaphthylene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Acetophenone	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Anthracene	ND		400	17	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzo[a]anthracene	**29**	**J**	400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzo[a]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzo[b]fluoranthene	**33**	**J**	400	28	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzo[g,h,i]perylene	ND		400	16	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzo[k]fluoranthene	ND		400	36	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Bis(2-chloroethyl)ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Bis(2-chloroethoxy)methane	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
bis (2-chloroisopropyl) ether	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Bis(2-ethylhexyl) phthalate	**220**	**J**	400	25	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Bromophenyl phenyl ether	ND		400	22	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Butyl benzyl phthalate	ND		400	24	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Carbazole	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Chloroaniline	ND		400	38	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Chloronaphthalene	ND		400	52	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Chlorophenyl phenyl ether	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Chrysene	**43**	**J**	400	22	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Dibenz(a,h)anthracene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Dibenzofuran	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Di-n-butyl phthalate	**19**	**J**	400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
3,3'-Dichlorobenzidine	ND		400	58	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Diethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Dimethyl phthalate	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4-Dinitrotoluene	ND		400	29	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,6-Dinitrotoluene	ND		400	36	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Di-n-octyl phthalate	ND		400	28	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Fluoranthene	**33**	**J**	400	14	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Fluorene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-8-(0)
Date Collected: 09/19/12 12:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-8
Matrix: Solid
Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		400	55	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Hexachlorobutadiene	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Hexachlorocyclopentadiene	ND		400	78	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Hexachloroethane	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Indeno[1,2,3-cd]pyrene	ND		400	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Isophorone	ND		400	50	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Methylnaphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Naphthalene	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Nitroaniline	ND		990	44	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
3-Nitroaniline	ND		990	46	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Nitroaniline	ND		990	38	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Nitrobenzene	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
N-Nitrosodi-n-propylamine	ND		400	55	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Phenanthrene	**27**	**J**	400	14	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Pyrene	**57**	**J**	400	17	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Chloro-3-methylphenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Chlorophenol	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Methylphenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4-Dichlorophenol	ND		400	40	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4-Dimethylphenol	ND		400	62	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4-Dinitrophenol	ND		990	170	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4,6-Dinitro-2-methylphenol	ND		990	120	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2-Nitrophenol	ND		400	44	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
4-Nitrophenol	ND		990	100	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Pentachlorophenol	ND	*	990	81	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Phenol	ND		400	48	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4,5-Trichlorophenol	ND		990	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
2,4,6-Trichlorophenol	ND		400	41	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Atrazine	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Benzaldehyde	ND		400	19	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
1,1'-Biphenyl	ND		400	18	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
Caprolactam	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
1,2-Dichlorobenzene	ND		400	49	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
1,3-Dichlorobenzene	ND		400	38	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
1,4-Dichlorobenzene	ND		400	46	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1
1,2,4-Trichlorobenzene	ND		400	42	ug/Kg	☼	09/27/12 11:22	10/03/12 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*25 - 135*	*09/27/12 11:22*	*10/03/12 17:38*	*1*
2-Fluorobiphenyl	*64*		*35 - 110*	*09/27/12 11:22*	*10/03/12 17:38*	*1*
2-Fluorophenol (Surr)	*62*		*30 - 135*	*09/27/12 11:22*	*10/03/12 17:38*	*1*
Nitrobenzene-d5 (Surr)	*61*		*35 - 110*	*09/27/12 11:22*	*10/03/12 17:38*	*1*
Phenol-d5 (Surr)	*55*		*30 - 130*	*09/27/12 11:22*	*10/03/12 17:38*	*1*
Terphenyl-d14 (Surr)	*71*		*30 - 130*	*09/27/12 11:22*	*10/03/12 17:38*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1221	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1232	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-8-(0)
Date Collected: 09/19/12 12:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-8
Matrix: Solid
Percent Solids: 82.6

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1248	ND		240	47	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1254	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1260	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1262	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1
PCB-1268	ND		240	110	ug/Kg	☼	09/24/12 09:09	09/25/12 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*36 - 182*	*09/24/12 09:09*	*09/25/12 11:18*	*1*
DCB Decachlorobiphenyl	*110*		*36 - 182*	*09/24/12 09:09*	*09/25/12 11:18*	*1*
Tetrachloro-m-xylene	*124*		*24 - 172*	*09/24/12 09:09*	*09/25/12 11:18*	*1*
Tetrachloro-m-xylene	*121*		*24 - 172*	*09/24/12 09:09*	*09/25/12 11:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**450**		11	4.9	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Antimony	ND		17	0.61	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Arsenic	**1.0**	**J**	2.2	0.45	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Barium	**3.4**		0.56	0.12	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Beryllium	**0.065**	**J**	0.22	0.031	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Cadmium	**0.12**	**J**	0.22	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Calcium	**1400**	**B**	56	3.7	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Chromium	**3.9**		0.56	0.22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Cobalt	**0.45**	**J**	0.56	0.056	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Copper	**110**		1.1	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Iron	**3900**	**B**	11	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Lead	**8.2**		1.1	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Magnesium	**260**	**B**	22	1.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Manganese	**30**		0.22	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Nickel	**1.1**	**J**	5.6	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Potassium	**67**		34	22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Selenium	ND		4.5	0.64	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Silver	ND		0.56	0.22	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Sodium	**19**	**J**	160	15	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Thallium	ND		6.7	0.34	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Vanadium	**1.8**		0.56	0.12	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1
Zinc	**68**	**B**	2.2	0.17	mg/Kg	☼	09/24/12 10:40	09/25/12 13:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.023	0.0093	mg/Kg	☼	09/24/12 10:30	09/24/12 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.56	mg/Kg	☼	09/25/12 15:30	09/26/12 02:38	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-9-(0.25)
Date Collected: 09/19/12 10:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-9
Matrix: Solid
Percent Solids: 86.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.99	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,1,2-Trichloroethane	ND		6.1	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,1-Dichloroethane	ND		6.1	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,1-Dichloroethene	ND		6.1	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2,4-Trichlorobenzene	ND		6.1	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2-Dibromoethane	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2-Dichlorobenzene	ND		6.1	0.48	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2-Dichloroethane	ND		6.1	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,2-Dichloropropane	ND		6.1	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,3-Dichlorobenzene	ND		6.1	0.31	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
1,4-Dichlorobenzene	ND		6.1	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Acetone	ND		30	5.1	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Benzene	ND		6.1	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Bromodichloromethane	ND		6.1	0.82	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Bromoform	ND		6.1	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Bromomethane	ND		6.1	0.55	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Carbon disulfide	ND		6.1	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Carbon tetrachloride	ND		6.1	0.59	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Chlorobenzene	ND		6.1	0.80	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Dibromochloromethane	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Chloroethane	ND		6.1	1.4	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Chloroform	ND		6.1	0.38	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Chloromethane	ND		6.1	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
cis-1,2-Dichloroethene	ND		6.1	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
cis-1,3-Dichloropropene	ND		6.1	0.88	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Cyclohexane	ND		6.1	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Dichlorodifluoromethane	ND		6.1	0.50	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Ethylbenzene	ND		6.1	0.42	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Isopropylbenzene	ND		6.1	0.92	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Methyl acetate	ND		6.1	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Methyl tert-butyl ether	ND		6.1	0.60	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Methylcyclohexane	ND		6.1	0.93	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Methylene Chloride	ND		6.1	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Styrene	ND		6.1	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Tetrachloroethene	ND		6.1	0.82	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Toluene	ND		6.1	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
trans-1,2-Dichloroethene	ND		6.1	0.63	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
trans-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Trichloroethene	ND		6.1	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Trichlorofluoromethane	ND		6.1	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Vinyl chloride	ND		6.1	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 05:15*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-9-(0.25)
Date Collected: 09/19/12 10:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-9
Matrix: Solid
Percent Solids: 86.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 126*	*09/27/12 13:36*	*09/28/12 05:15*	*1*
Toluene-d8 (Surr)	*104*		*71 - 125*	*09/27/12 13:36*	*09/28/12 05:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/27/12 13:36*	*09/28/12 05:15*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**400**	**J**	660	26	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Acenaphthylene	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Acetophenone	ND		660	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Anthracene	**760**		660	28	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzo[a]anthracene	**2100**		660	26	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzo[a]pyrene	**2000**		660	200	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzo[b]fluoranthene	**2300**		660	46	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzo[g,h,i]perylene	**1200**		660	26	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzo[k]fluoranthene	**2000**		660	60	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Bis(2-chloroethyl)ether	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Bis(2-chloroethoxy)methane	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
bis (2-chloroisopropyl) ether	ND		660	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Bis(2-ethylhexyl) phthalate	**500**	**J**	660	42	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Bromophenyl phenyl ether	ND		660	36	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Butyl benzyl phthalate	**220**	**J**	660	40	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Carbazole	**450**	**J**	660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Chloroaniline	ND		660	64	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Chloronaphthalene	ND		660	86	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Chlorophenyl phenyl ether	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Chrysene	**2200**		660	36	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Dibenz(a,h)anthracene	**490**	**J**	660	200	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Dibenzofuran	**190**	**J**	660	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Di-n-butyl phthalate	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
3,3'-Dichlorobenzidine	ND		660	96	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Diethyl phthalate	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Dimethyl phthalate	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4-Dinitrotoluene	ND		660	48	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,6-Dinitrotoluene	ND		660	60	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Di-n-octyl phthalate	ND		660	46	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Fluoranthene	**3300**		660	24	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Fluorene	**290**	**J**	660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Hexachlorobenzene	ND		660	92	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Hexachlorobutadiene	ND		660	70	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Hexachlorocyclopentadiene	ND		660	130	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Hexachloroethane	ND		660	68	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Indeno[1,2,3-cd]pyrene	**1000**		660	200	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Isophorone	ND		660	84	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Methylnaphthalene	**85**	**J**	660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Naphthalene	**260**	**J**	660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Nitroaniline	ND		1700	74	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
3-Nitroaniline	ND		1700	76	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Nitroaniline	ND		1700	64	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Nitrobenzene	ND		660	82	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
N-Nitrosodi-n-propylamine	ND		660	92	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
N-Nitrosodiphenylamine	ND	*	780	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Phenanthrene	**3200**		660	24	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7

Client Sample ID: NS-SS-SS-9-(0.25)
Date Collected: 09/19/12 10:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-9
Matrix: Solid
Percent Solids: 86.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**4200**		660	28	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Chloro-3-methylphenol	ND		660	80	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Chlorophenol	ND		660	68	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Methylphenol	ND		660	80	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4-Dichlorophenol	ND		660	66	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4-Dimethylphenol	ND		660	100	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4-Dinitrophenol	ND		1700	280	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4,6-Dinitro-2-methylphenol	ND		1700	190	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2-Nitrophenol	ND		660	74	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
4-Nitrophenol	ND		1700	170	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Pentachlorophenol	ND	*	1700	140	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Phenol	ND		660	80	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4,5-Trichlorophenol	ND		1700	68	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
2,4,6-Trichlorophenol	ND		660	68	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Atrazine	ND		660	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Benzaldehyde	ND		660	32	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
1,1'-Biphenyl	ND		660	30	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
Caprolactam	ND		660	70	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
1,2-Dichlorobenzene	ND		660	82	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
1,3-Dichlorobenzene	ND		660	64	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
1,4-Dichlorobenzene	ND		660	76	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7
1,2,4-Trichlorobenzene	ND		660	70	ug/Kg	☼	09/27/12 11:22	10/03/12 18:13	1.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*25 - 135*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*
2-Fluorobiphenyl	*65*		*35 - 110*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*
2-Fluorophenol (Surr)	*67*		*30 - 135*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*
Nitrobenzene-d5 (Surr)	*65*		*35 - 110*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*
Phenol-d5 (Surr)	*59*		*30 - 130*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*
Terphenyl-d14 (Surr)	*66*		*30 - 130*	*09/27/12 11:22*	*10/03/12 18:13*	*1.7*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**360**	**J**	1900	77	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Acenaphthylene	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Acetophenone	ND		1900	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Anthracene	**680**	**J**	1900	83	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzo[a]anthracene	**1700**	**J**	1900	77	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzo[a]pyrene	**1800**	**J**	1900	590	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzo[b]fluoranthene	**1700**	**J**	1900	140	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzo[g,h,i]perylene	**1000**	**J**	1900	77	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzo[k]fluoranthene	**1900**		1900	180	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Bis(2-chloroethyl)ether	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Bis(2-chloroethoxy)methane	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
bis (2-chloroisopropyl) ether	ND		1900	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Bis(2-ethylhexyl) phthalate	**410**	**J**	1900	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4-Bromophenyl phenyl ether	ND		1900	110	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Butyl benzyl phthalate	**190**	**J**	1900	120	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Carbazole	**400**	**J**	1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4-Chloroaniline	ND		1900	190	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Chloronaphthalene	ND		1900	250	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-9-(0.25)
Date Collected: 09/19/12 10:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-9
Matrix: Solid
Percent Solids: 86.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Chrysene	**2100**		1900	110	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Dibenz(a,h)anthracene	ND		1900	590	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Dibenzofuran	**160**	**J**	1900	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Di-n-butyl phthalate	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
3,3'-Dichlorobenzidine	ND		1900	280	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Diethyl phthalate	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Dimethyl phthalate	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4-Dinitrotoluene	ND		1900	140	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,6-Dinitrotoluene	ND		1900	180	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Di-n-octyl phthalate	ND		1900	140	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Fluoranthene	**3400**		1900	71	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Fluorene	**250**	**J**	1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Hexachlorobenzene	ND		1900	270	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Hexachlorobutadiene	ND		1900	210	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Hexachlorocyclopentadiene	ND		1900	380	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Hexachloroethane	ND		1900	200	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Indeno[1,2,3-cd]pyrene	**950**	**J**	1900	590	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Isophorone	ND		1900	250	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Methylnaphthalene	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Naphthalene	**230**	**J**	1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Nitroaniline	ND		4900	220	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
3-Nitroaniline	ND		4900	220	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4-Nitroaniline	ND		4900	190	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Nitrobenzene	ND		1900	240	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
N-Nitrosodi-n-propylamine	ND		1900	270	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
N-Nitrosodiphenylamine	ND	*	2300	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Phenanthrene	**2600**		1900	71	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Pyrene	**3600**		1900	83	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4-Chloro-3-methylphenol	ND		1900	240	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Chlorophenol	ND		1900	200	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Methylphenol	ND		1900	240	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4-Dichlorophenol	ND		1900	190	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4-Dimethylphenol	ND		1900	310	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4-Dinitrophenol	ND		4900	830	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4,6-Dinitro-2-methylphenol	ND		4900	570	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2-Nitrophenol	ND		1900	220	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
4-Nitrophenol	ND		4900	500	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Pentachlorophenol	ND		4900	400	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Phenol	ND		1900	240	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4,5-Trichlorophenol	ND		4900	200	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
2,4,6-Trichlorophenol	ND		1900	200	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Atrazine	ND		1900	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Benzaldehyde	ND		1900	94	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
1,1'-Biphenyl	ND		1900	88	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
Caprolactam	ND		1900	210	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
1,2-Dichlorobenzene	ND		1900	240	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
1,3-Dichlorobenzene	ND		1900	190	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
1,4-Dichlorobenzene	ND		1900	220	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5
1,2,4-Trichlorobenzene	ND		1900	210	ug/Kg	☼	09/27/12 11:22	10/01/12 15:39	5

Client Sample ID: NS-SS-SS-9-(0.25)
Date Collected: 09/19/12 10:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-9
Matrix: Solid
Percent Solids: 86.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*25 - 135*	*09/27/12 11:22*	*10/01/12 15:39*	*5*
2-Fluorobiphenyl	*53*		*35 - 110*	*09/27/12 11:22*	*10/01/12 15:39*	*5*
2-Fluorophenol (Surr)	*56*		*30 - 135*	*09/27/12 11:22*	*10/01/12 15:39*	*5*
Nitrobenzene-d5 (Surr)	*55*		*35 - 110*	*09/27/12 11:22*	*10/01/12 15:39*	*5*
Phenol-d5 (Surr)	*48*		*30 - 130*	*09/27/12 11:22*	*10/01/12 15:39*	*5*
Terphenyl-d14 (Surr)	*61*		*30 - 130*	*09/27/12 11:22*	*10/01/12 15:39*	*5*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	53	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1221	ND		270	53	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1232	ND		270	53	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1242	ND		270	53	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1248	ND		270	53	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1254	ND		270	130	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1260	ND		270	130	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1262	ND		270	130	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1
PCB-1268	**200**	**J**	270	130	ug/Kg	☼	09/24/12 09:09	09/25/12 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:02*	*1*
DCB Decachlorobiphenyl	*112*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:02*	*1*
Tetrachloro-m-xylene	*124*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:02*	*1*
Tetrachloro-m-xylene	*121*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:02*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2500**		13	5.6	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Antimony	**1.0**	**J**	19	0.69	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Arsenic	**2.3**	**J**	2.5	0.51	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Barium	**42**		0.64	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Beryllium	**0.17**	**J**	0.25	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Cadmium	**0.59**		0.25	0.038	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Calcium	**16000**	**B**	64	4.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Chromium	**12**		0.64	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Cobalt	**2.0**		0.64	0.064	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Copper	**63**		1.3	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Iron	**5600**	**B**	13	1.4	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Lead	**110**		1.3	0.31	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Magnesium	**1900**	**B**	25	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Manganese	**93**		0.25	0.041	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Nickel	**23**		6.4	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Potassium	**440**		38	25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Selenium	ND		5.1	0.72	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Silver	**1.7**		0.64	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Sodium	**75**	**J**	180	17	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Thallium	ND		7.6	0.38	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Vanadium	**9.0**		0.64	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1
Zinc	**120**	**B**	2.5	0.19	mg/Kg	☼	09/24/12 10:40	09/25/12 13:53	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-9-(0.25)

Lab Sample ID: 480-25484-9
Date Collected: 09/19/12 10:30
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 86.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.5**		0.23	0.094	mg/Kg	☼	09/24/12 10:30	09/24/12 13:19	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.55	mg/Kg	☼	09/25/12 15:30	09/26/12 02:40	1

Client Sample ID: NS-SS-SS-10-(0.25)

Lab Sample ID: 480-25484-10
Date Collected: 09/19/12 11:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.96	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,1,2-Trichloroethane	ND		5.9	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,1-Dichloroethane	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2-Dibromoethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2-Dichloroethane	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,2-Dichloropropane	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
1,4-Dichlorobenzene	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
2-Butanone (MEK)	**16**	**J**	30	2.2	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
4-Methyl-2-pentanone (MIBK)	**2.8**	**J**	30	1.9	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Acetone	**200**		30	5.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Benzene	ND		5.9	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Bromodichloromethane	ND		5.9	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Bromomethane	ND		5.9	0.53	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Carbon disulfide	ND		5.9	3.0	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Chlorobenzene	ND		5.9	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Dibromochloromethane	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Chloroethane	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Chloroform	ND		5.9	0.37	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Chloromethane	ND		5.9	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
cis-1,2-Dichloroethene	ND		5.9	0.76	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
cis-1,3-Dichloropropene	ND		5.9	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Cyclohexane	ND		5.9	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Dichlorodifluoromethane	ND		5.9	0.49	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Ethylbenzene	ND		5.9	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Isopropylbenzene	ND		5.9	0.89	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Methyl acetate	ND		5.9	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Methylcyclohexane	ND		5.9	0.90	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1

Client Sample ID: NS-SS-SS-10-(0.25)
Date Collected: 09/19/12 11:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-10
Matrix: Solid
Percent Solids: 82.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**3.4**	**J**	5.9	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Toluene	ND		5.9	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
trans-1,2-Dichloroethene	ND		5.9	0.61	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Trichlorofluoromethane	ND		5.9	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Vinyl chloride	ND		5.9	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1
Xylenes, Total	ND		12	0.99	ug/Kg	☼	09/27/12 13:36	09/28/12 05:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Dimethyl sulfide	*25*	*T J N*	*ug/Kg*	☼	*4.68*	*75-18-3*	*09/27/12 13:36*	*09/28/12 05:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*	*09/27/12 13:36*	*09/28/12 05:41*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*09/27/12 13:36*	*09/28/12 05:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*09/27/12 13:36*	*09/28/12 05:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Anthracene	**19**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzo[a]anthracene	**120**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzo[a]pyrene	**120**	**J**	390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzo[b]fluoranthene	**130**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzo[g,h,i]perylene	**67**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzo[k]fluoranthene	**170**	**J**	390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Bis(2-ethylhexyl) phthalate	**800**		390	25	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Butyl benzyl phthalate	**44**	**J**	390	24	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Chrysene	**200**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Di-n-butyl phthalate	**35**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Fluoranthene	**150**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-10-(0.25)
Date Collected: 09/19/12 11:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-10
Matrix: Solid
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Hexachlorocyclopentadiene	ND		390	77	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Nitroaniline	ND		980	44	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
3-Nitroaniline	ND		980	45	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Nitroaniline	ND		980	38	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Phenanthrene	**100**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Pyrene	**400**		390	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4-Dinitrophenol	ND		980	170	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4,6-Dinitro-2-methylphenol	ND		980	110	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
4-Nitrophenol	ND		980	99	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Pentachlorophenol	ND		980	80	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4,5-Trichlorophenol	ND		980	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Benzaldehyde	**43**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/01/12 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*35*		*25 - 135*	*09/27/12 11:22*	*10/01/12 16:13*	*1*
2-Fluorobiphenyl	*67*		*35 - 110*	*09/27/12 11:22*	*10/01/12 16:13*	*1*
2-Fluorophenol (Surr)	*65*		*30 - 135*	*09/27/12 11:22*	*10/01/12 16:13*	*1*
Nitrobenzene-d5 (Surr)	*59*		*35 - 110*	*09/27/12 11:22*	*10/01/12 16:13*	*1*
Phenol-d5 (Surr)	*55*		*30 - 130*	*09/27/12 11:22*	*10/01/12 16:13*	*1*
Terphenyl-d14 (Surr)	*69*		*30 - 130*	*09/27/12 11:22*	*10/01/12 16:13*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Acenaphthylene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Acetophenone	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Anthracene	**20**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-10-(0.25)
Date Collected: 09/19/12 11:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-10
Matrix: Solid
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**120**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Benzo[a]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Benzo[b]fluoranthene	**190**	**J**	390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Benzo[g,h,i]perylene	**72**	**J**	390	15	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Benzo[k]fluoranthene	**120**	**J**	390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Bis(2-chloroethyl)ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Bis(2-chloroethoxy)methane	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
bis (2-chloroisopropyl) ether	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Bis(2-ethylhexyl) phthalate	**890**		390	25	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4-Bromophenyl phenyl ether	ND		390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Butyl benzyl phthalate	**55**	**J**	390	24	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Carbazole	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4-Chloroaniline	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Chloronaphthalene	ND		390	51	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4-Chlorophenyl phenyl ether	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Chrysene	**200**	**J**	390	21	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Dibenz(a,h)anthracene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Dibenzofuran	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Di-n-butyl phthalate	**21**	**J**	390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
3,3'-Dichlorobenzidine	ND		390	57	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Diethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Dimethyl phthalate	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4-Dinitrotoluene	ND		390	28	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,6-Dinitrotoluene	ND		390	35	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Di-n-octyl phthalate	ND		390	27	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Fluoranthene	**180**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Fluorene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Hexachlorobenzene	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Hexachlorobutadiene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Hexachlorocyclopentadiene	ND		390	77	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Hexachloroethane	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Indeno[1,2,3-cd]pyrene	ND		390	120	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Isophorone	ND		390	50	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Methylnaphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Naphthalene	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Nitroaniline	ND		980	44	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
3-Nitroaniline	ND		980	45	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4-Nitroaniline	ND		980	38	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Nitrobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
N-Nitrosodi-n-propylamine	ND		390	54	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
N-Nitrosodiphenylamine	ND	*	460	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Phenanthrene	**100**	**J**	390	14	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Pyrene	**340**	**J**	390	17	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4-Chloro-3-methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Chlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Methylphenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4-Dichlorophenol	ND		390	39	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4-Dimethylphenol	ND		390	61	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4-Dinitrophenol	ND		980	170	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
4,6-Dinitro-2-methylphenol	ND		980	110	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2-Nitrophenol	ND		390	44	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-10-(0.25)
Date Collected: 09/19/12 11:00
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-10
Matrix: Solid
Percent Solids: 82.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		980	99	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Pentachlorophenol	ND	*	980	80	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Phenol	ND		390	47	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4,5-Trichlorophenol	ND		980	40	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
2,4,6-Trichlorophenol	ND		390	40	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Atrazine	ND		390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Benzaldehyde	**45**	**J**	390	19	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
1,1'-Biphenyl	ND		390	18	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
Caprolactam	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
1,2-Dichlorobenzene	ND		390	48	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
1,3-Dichlorobenzene	ND		390	38	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
1,4-Dichlorobenzene	ND		390	45	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1
1,2,4-Trichlorobenzene	ND		390	41	ug/Kg	☼	09/27/12 11:22	10/03/12 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*25 - 135*	*09/27/12 11:22*	*10/03/12 18:48*	*1*
2-Fluorobiphenyl	*66*		*35 - 110*	*09/27/12 11:22*	*10/03/12 18:48*	*1*
2-Fluorophenol (Surr)	*63*		*30 - 135*	*09/27/12 11:22*	*10/03/12 18:48*	*1*
Nitrobenzene-d5 (Surr)	*60*		*35 - 110*	*09/27/12 11:22*	*10/03/12 18:48*	*1*
Phenol-d5 (Surr)	*53*		*30 - 130*	*09/27/12 11:22*	*10/03/12 18:48*	*1*
Terphenyl-d14 (Surr)	*72*		*30 - 130*	*09/27/12 11:22*	*10/03/12 18:48*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1221	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1232	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1242	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1248	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1254	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1260	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1262	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1
PCB-1268	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:17*	*1*
DCB Decachlorobiphenyl	*97*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:17*	*1*
Tetrachloro-m-xylene	*113*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:17*	*1*
Tetrachloro-m-xylene	*111*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:17*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2200**		12	5.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Antimony	ND		18	0.65	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Arsenic	**2.1**	**J**	2.4	0.48	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Barium	**29**		0.60	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Beryllium	**0.15**	**J**	0.24	0.034	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Cadmium	**0.59**		0.24	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Calcium	**19000**	**B**	60	4.0	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Chromium	**7.0**		0.60	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Cobalt	**1.6**		0.60	0.060	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Copper	**28**		1.2	0.25	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1

Client Sample ID: NS-SS-SS-10-(0.25)

Lab Sample ID: 480-25484-10

Date Collected: 09/19/12 11:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.2

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	4800	B	12	1.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Lead	47		1.2	0.29	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Magnesium	1000	B	24	1.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Manganese	78		0.24	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Nickel	4.2	J	6.0	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Potassium	420		36	24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Selenium	ND		4.8	0.69	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Silver	0.60		0.60	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Sodium	120	J	170	16	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Thallium	ND		7.2	0.36	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Vanadium	6.2		0.60	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1
Zinc	75	B	2.4	0.18	mg/Kg	☼	09/24/12 10:40	09/25/12 13:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.77		0.025	0.010	mg/Kg	☼	09/24/12 10:30	09/24/12 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.56	mg/Kg	☼	09/25/12 15:30	09/26/12 02:41	1

Client Sample ID: NS-SS-SS-11-(0.25)

Lab Sample ID: 480-25484-11

Date Collected: 09/19/12 10:45
Matrix: Solid
Date Received: 09/21/12 09:00

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			09/27/12 00:22	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/27/12 00:22	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/27/12 00:22	10
Chloroform	ND		0.010	0.0034	mg/L			09/27/12 00:22	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/27/12 00:22	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/27/12 00:22	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/27/12 00:22	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/27/12 00:22	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/27/12 00:22	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/27/12 00:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*71*		*66 - 137*		*09/27/12 00:22*	*10*
Toluene-d8 (Surr)	*75*		*71 - 126*		*09/27/12 00:22*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/27/12 00:22*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	0.42	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.94	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,1,2-Trichloroethane	ND		5.8	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,1-Dichloroethane	ND		5.8	0.71	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,2,4-Trichlorobenzene	ND		5.8	0.35	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-11-(0.25)
Date Collected: 09/19/12 10:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-11
Matrix: Solid
Percent Solids: 89.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.8	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,2-Dibromoethane	ND		5.8	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,2-Dichlorobenzene	ND		5.8	0.45	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,2-Dichloroethane	ND		5.8	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,2-Dichloropropane	ND		5.8	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,3-Dichlorobenzene	ND		5.8	0.30	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
1,4-Dichlorobenzene	ND		5.8	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
2-Hexanone	ND		29	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
2-Butanone (MEK)	ND		29	2.1	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Acetone	ND		29	4.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Benzene	ND		5.8	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Bromodichloromethane	ND		5.8	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Bromomethane	ND		5.8	0.52	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Carbon disulfide	ND		5.8	2.9	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Carbon tetrachloride	ND		5.8	0.56	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Chlorobenzene	ND		5.8	0.77	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Dibromochloromethane	ND		5.8	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Chloroethane	ND		5.8	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Chloroform	ND		5.8	0.36	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Chloromethane	ND		5.8	0.35	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
cis-1,2-Dichloroethene	ND		5.8	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
cis-1,3-Dichloropropene	ND		5.8	0.83	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Cyclohexane	ND		5.8	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Dichlorodifluoromethane	ND		5.8	0.48	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Ethylbenzene	ND		5.8	0.40	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Methyl acetate	ND		5.8	1.1	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Methylcyclohexane	ND		5.8	0.88	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Styrene	ND		5.8	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Toluene	ND		5.8	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Trichloroethene	ND		5.8	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Vinyl chloride	ND		5.8	0.71	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1
Xylenes, Total	ND		12	0.97	ug/Kg	☼	09/27/12 13:36	09/28/12 06:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 06:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*09/27/12 13:36*	*09/28/12 06:06*	*1*
Toluene-d8 (Surr)	*107*		*71 - 125*	*09/27/12 13:36*	*09/28/12 06:06*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*	*09/27/12 13:36*	*09/28/12 06:06*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-11-(0.25)
Date Collected: 09/19/12 10:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-11
Matrix: Solid

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/27/12 06:43	09/28/12 14:52	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/27/12 06:43	09/28/12 14:52	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/27/12 06:43	09/28/12 14:52	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/27/12 06:43	09/28/12 14:52	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/27/12 06:43	09/28/12 14:52	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/27/12 06:43	09/28/12 14:52	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/27/12 06:43	09/28/12 14:52	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/27/12 06:43	09/28/12 14:52	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/27/12 06:43	09/28/12 14:52	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/27/12 06:43	09/28/12 14:52	1
Pyridine	ND		0.025	0.00041	mg/L		09/27/12 06:43	09/28/12 14:52	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/27/12 06:43	09/28/12 14:52	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/27/12 06:43	09/28/12 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*96*		*52 - 132*	*09/27/12 06:43*	*09/28/12 14:52*	*1*
2-Fluorobiphenyl	*83*		*48 - 120*	*09/27/12 06:43*	*09/28/12 14:52*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/27/12 06:43*	*09/28/12 14:52*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*09/27/12 06:43*	*09/28/12 14:52*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*09/27/12 06:43*	*09/28/12 14:52*	*1*
Phenol-d5	*32*		*16 - 120*	*09/27/12 06:43*	*09/28/12 14:52*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Acenaphthylene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Acetophenone	**22**	**J**	380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Anthracene	**34**	**J**	380	16	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzo[a]anthracene	**180**	**J**	380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzo[a]pyrene	**210**	**J**	380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzo[b]fluoranthene	**220**	**J**	380	26	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzo[g,h,i]perylene	**180**	**J**	380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzo[k]fluoranthene	**180**	**J**	380	34	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Bis(2-chloroethyl)ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Bis(2-chloroethoxy)methane	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
bis (2-chloroisopropyl) ether	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Bis(2-ethylhexyl) phthalate	**300**	**J**	380	24	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Bromophenyl phenyl ether	ND		380	21	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Butyl benzyl phthalate	**120**	**J**	380	23	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Carbazole	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Chloroaniline	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Chloronaphthalene	ND		380	49	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Chlorophenyl phenyl ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Chrysene	**220**	**J**	380	21	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Dibenz(a,h)anthracene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Dibenzofuran	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Di-n-butyl phthalate	**29**	**J**	380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
3,3'-Dichlorobenzidine	ND		380	55	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Diethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Dimethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4-Dinitrotoluene	ND		380	27	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-11-(0.25)
Date Collected: 09/19/12 10:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-11
Matrix: Solid
Percent Solids: 89.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		380	34	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Di-n-octyl phthalate	ND		380	26	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Fluoranthene	**200**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Fluorene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Hexachlorobenzene	ND		380	52	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Hexachlorobutadiene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Hexachlorocyclopentadiene	ND		380	74	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Hexachloroethane	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Indeno[1,2,3-cd]pyrene	**130**	**J**	380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Isophorone	ND		380	48	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Methylnaphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Naphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Nitroaniline	ND		950	42	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
3-Nitroaniline	ND		950	43	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Nitroaniline	ND		950	37	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Nitrobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
N-Nitrosodi-n-propylamine	ND		380	52	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
N-Nitrosodiphenylamine	ND	*	440	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Phenanthrene	**150**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Pyrene	**350**	**J**	380	16	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Chloro-3-methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Chlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4-Dichlorophenol	ND		380	38	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4-Dimethylphenol	ND		380	59	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4-Dinitrophenol	ND		950	160	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4,6-Dinitro-2-methylphenol	ND		950	110	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2-Nitrophenol	ND		380	42	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
4-Nitrophenol	ND		950	96	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Pentachlorophenol	ND		950	78	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Phenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4,5-Trichlorophenol	ND		950	39	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
2,4,6-Trichlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Atrazine	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Benzaldehyde	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
1,1'-Biphenyl	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
Caprolactam	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
1,2-Dichlorobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
1,3-Dichlorobenzene	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
1,4-Dichlorobenzene	ND		380	43	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1
1,2,4-Trichlorobenzene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*25 - 135*	*09/27/12 11:22*	*10/01/12 16:48*	*1*
2-Fluorobiphenyl	*69*		*35 - 110*	*09/27/12 11:22*	*10/01/12 16:48*	*1*
2-Fluorophenol (Surr)	*66*		*30 - 135*	*09/27/12 11:22*	*10/01/12 16:48*	*1*
Nitrobenzene-d5 (Surr)	*64*		*35 - 110*	*09/27/12 11:22*	*10/01/12 16:48*	*1*
Phenol-d5 (Surr)	*56*		*30 - 130*	*09/27/12 11:22*	*10/01/12 16:48*	*1*
Terphenyl-d14 (Surr)	*69*		*30 - 130*	*09/27/12 11:22*	*10/01/12 16:48*	*1*

Client Sample ID: NS-SS-SS-11-(0.25)
Date Collected: 09/19/12 10:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-11
Matrix: Solid
Percent Solids: 89.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*		*25 - 135*	*09/27/12 11:22*	*10/03/12 19:23*	*1*
2-Fluorobiphenyl	*61*		*35 - 110*	*09/27/12 11:22*	*10/03/12 19:23*	*1*
2-Fluorophenol (Surr)	*66*		*30 - 135*	*09/27/12 11:22*	*10/03/12 19:23*	*1*
Nitrobenzene-d5 (Surr)	*61*		*35 - 110*	*09/27/12 11:22*	*10/03/12 19:23*	*1*
Phenol-d5 (Surr)	*57*		*30 - 130*	*09/27/12 11:22*	*10/03/12 19:23*	*1*
Terphenyl-d14 (Surr)	*62*		*30 - 130*	*09/27/12 11:22*	*10/03/12 19:23*	*1*

Method: 8081A - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/27/12 07:15	09/28/12 16:01	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/27/12 07:15	09/28/12 16:01	1
Endrin	ND		0.00020	0.000014	mg/L		09/27/12 07:15	09/28/12 16:01	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/27/12 07:15	09/28/12 16:01	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/27/12 07:15	09/28/12 16:01	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/27/12 07:15	09/28/12 16:01	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/27/12 07:15	09/28/12 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*16 - 120*	*09/27/12 07:15*	*09/28/12 16:01*	*1*
DCB Decachlorobiphenyl	*103*		*16 - 120*	*09/27/12 07:15*	*09/28/12 16:01*	*1*
Tetrachloro-m-xylene	*69*		*35 - 120*	*09/27/12 07:15*	*09/28/12 16:01*	*1*
Tetrachloro-m-xylene	*94*		*35 - 120*	*09/27/12 07:15*	*09/28/12 16:01*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1221	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1232	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1242	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1248	ND		260	51	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1254	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1260	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1262	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1
PCB-1268	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*111*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:32*	*1*
DCB Decachlorobiphenyl	*102*		*36 - 182*	*09/24/12 09:09*	*09/25/12 12:32*	*1*
Tetrachloro-m-xylene	*113*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:32*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*09/24/12 09:09*	*09/25/12 12:32*	*1*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/28/12 06:24	10/03/12 13:43	1
2,4-D	ND		0.0020	0.00040	mg/L		09/28/12 06:24	10/03/12 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*20*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 13:43*	*1*
2,4-Dichlorophenylacetic acid	*21*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 13:43*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-11-(0.25)
Date Collected: 09/19/12 10:45
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-11
Matrix: Solid

Method: 1110A - Corrosivity Toward Steel

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	0.29		0.10	0.10	mm/year			10/15/12 12:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4700		12	5.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Antimony	0.77	J	17	0.63	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Arsenic	3.3		2.3	0.46	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Barium	51		0.58	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Beryllium	0.31		0.23	0.032	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Cadmium	1.2		0.23	0.035	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Calcium	33000	B	58	3.8	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Chromium	13		0.58	0.23	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Cobalt	3.0		0.58	0.058	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Copper	27		1.2	0.24	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Iron	7500	B	12	1.3	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Lead	91		1.2	0.28	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Magnesium	2900	B	23	1.1	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Manganese	160		0.23	0.037	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Nickel	11		5.8	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Potassium	640		35	23	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Selenium	ND		4.6	0.66	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Silver	ND		0.58	0.23	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Sodium	79	J	160	15	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Thallium	ND		7.0	0.35	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Vanadium	14		0.58	0.13	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1
Zinc	200	B	2.3	0.18	mg/Kg	☼	09/24/12 10:40	09/25/12 13:57	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012		0.010	0.0056	mg/L		09/26/12 11:40	09/26/12 22:20	1
Barium	0.52	B	0.0020	0.00070	mg/L		09/26/12 11:40	09/26/12 22:20	1
Cadmium	0.027		0.0010	0.00050	mg/L		09/26/12 11:40	09/26/12 22:20	1
Chromium	0.031	B	0.0040	0.0010	mg/L		09/26/12 11:40	09/26/12 22:20	1
Lead	0.25		0.0050	0.0030	mg/L		09/26/12 11:40	09/26/12 22:20	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 11:40	09/26/12 22:20	1
Silver	0.0022	J	0.0030	0.0017	mg/L		09/26/12 11:40	09/26/12 22:20	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00083		0.00020	0.00012	mg/L		09/26/12 12:00	09/26/12 15:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.43		0.020	0.0083	mg/Kg	☼	09/24/12 10:30	09/24/12 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.93	0.45	mg/Kg	☼	09/24/12 19:58	09/25/12 10:25	1
Halogens, Extractable Organic	ND		56	39	mg/Kg	☼	10/11/12 08:00	10/12/12 10:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>176		50.0	50.0	Degrees F			10/12/12 02:06	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,1-Dichloroethene	ND		5.6	0.69	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
1,4-Dichlorobenzene	ND		5.6	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Acetone	ND		28	4.7	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Benzene	ND		5.6	0.27	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Bromomethane	ND		5.6	0.50	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Chloroethane	ND		5.6	1.3	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Chloroform	ND		5.6	0.35	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Chloromethane	ND		5.6	0.34	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Cyclohexane	ND		5.6	0.79	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Isopropylbenzene	ND		5.6	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Methyl acetate	ND		5.6	1.0	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Styrene	ND		5.6	0.28	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Toluene	ND		5.6	0.42	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1
Xylenes, Total	ND		11	0.94	ug/Kg	☼	09/27/12 13:36	09/28/12 07:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/27/12 13:36*	*09/28/12 07:23*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		64 - 126	09/27/12 13:36	09/28/12 07:23	1
Toluene-d8 (Surr)	104		71 - 125	09/27/12 13:36	09/28/12 07:23	1
4-Bromofluorobenzene (Surr)	102		72 - 126	09/27/12 13:36	09/28/12 07:23	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Acenaphthylene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Acetophenone	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Anthracene	ND		380	16	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzo[a]anthracene	**35**	**J**	380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzo[a]pyrene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzo[b]fluoranthene	**37**	**J**	380	26	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzo[g,h,i]perylene	ND		380	15	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzo[k]fluoranthene	**40**	**J**	380	34	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Bis(2-chloroethyl)ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Bis(2-chloroethoxy)methane	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
bis (2-chloroisopropyl) ether	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Bis(2-ethylhexyl) phthalate	**180**	**J**	380	24	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Bromophenyl phenyl ether	ND		380	21	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Butyl benzyl phthalate	**28**	**J**	380	23	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Carbazole	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Chloroaniline	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Chloronaphthalene	ND		380	49	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Chlorophenyl phenyl ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Chrysene	**45**	**J**	380	21	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Dibenz(a,h)anthracene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Dibenzofuran	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Di-n-butyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
3,3'-Dichlorobenzidine	ND		380	55	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Diethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Dimethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4-Dinitrotoluene	ND		380	27	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,6-Dinitrotoluene	ND		380	34	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Di-n-octyl phthalate	ND		380	26	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Fluoranthene	**40**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Fluorene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Hexachlorobenzene	ND		380	53	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Hexachlorobutadiene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Hexachlorocyclopentadiene	ND		380	74	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Hexachloroethane	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Indeno[1,2,3-cd]pyrene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Isophorone	ND		380	48	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Methylnaphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Naphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Nitroaniline	ND		950	42	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
3-Nitroaniline	ND		950	43	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Nitroaniline	ND		950	37	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Nitrobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
N-Nitrosodi-n-propylamine	ND		380	53	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
N-Nitrosodiphenylamine	ND	*	440	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Phenanthrene	**26**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**66**	**J**	380	16	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Chloro-3-methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Chlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4-Dichlorophenol	ND		380	38	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4-Dimethylphenol	ND		380	59	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4-Dinitrophenol	ND		950	160	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4,6-Dinitro-2-methylphenol	ND		950	110	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2-Nitrophenol	ND		380	42	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
4-Nitrophenol	ND		950	96	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Pentachlorophenol	ND		950	78	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Phenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4,5-Trichlorophenol	ND		950	39	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
2,4,6-Trichlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Atrazine	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Benzaldehyde	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
1,1'-Biphenyl	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
Caprolactam	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
1,2-Dichlorobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
1,3-Dichlorobenzene	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
1,4-Dichlorobenzene	ND		380	43	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1
1,2,4-Trichlorobenzene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/01/12 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*25 - 135*	*09/27/12 11:22*	*10/01/12 17:22*	*1*
2-Fluorobiphenyl	*62*		*35 - 110*	*09/27/12 11:22*	*10/01/12 17:22*	*1*
2-Fluorophenol (Surr)	*66*		*30 - 135*	*09/27/12 11:22*	*10/01/12 17:22*	*1*
Nitrobenzene-d5 (Surr)	*62*		*35 - 110*	*09/27/12 11:22*	*10/01/12 17:22*	*1*
Phenol-d5 (Surr)	*57*		*30 - 130*	*09/27/12 11:22*	*10/01/12 17:22*	*1*
Terphenyl-d14 (Surr)	*67*		*30 - 130*	*09/27/12 11:22*	*10/01/12 17:22*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	15	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Acenaphthylene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Acetophenone	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Anthracene	ND		380	16	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzo[a]anthracene	**43**	**J**	380	15	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzo[a]pyrene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzo[b]fluoranthene	**53**	**J**	380	26	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzo[g,h,i]perylene	ND		380	15	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzo[k]fluoranthene	**40**	**J**	380	34	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Bis(2-chloroethyl)ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Bis(2-chloroethoxy)methane	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
bis (2-chloroisopropyl) ether	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Bis(2-ethylhexyl) phthalate	**210**	**J**	380	24	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4-Bromophenyl phenyl ether	ND		380	21	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Butyl benzyl phthalate	**25**	**J**	380	23	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Carbazole	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4-Chloroaniline	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Chloronaphthalene	ND		380	49	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Chrysene	**50**	**J**	380	21	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Dibenz(a,h)anthracene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Dibenzofuran	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Di-n-butyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
3,3'-Dichlorobenzidine	ND		380	55	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Diethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Dimethyl phthalate	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4-Dinitrotoluene	ND		380	27	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,6-Dinitrotoluene	ND		380	34	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Di-n-octyl phthalate	ND		380	26	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Fluoranthene	**55**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Fluorene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Hexachlorobenzene	ND		380	53	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Hexachlorobutadiene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Hexachlorocyclopentadiene	ND		380	74	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Hexachloroethane	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Indeno[1,2,3-cd]pyrene	ND		380	110	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Isophorone	ND		380	48	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Methylnaphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Naphthalene	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Nitroaniline	ND		950	42	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
3-Nitroaniline	ND		950	43	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4-Nitroaniline	ND		950	37	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Nitrobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
N-Nitrosodi-n-propylamine	ND		380	53	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
N-Nitrosodiphenylamine	ND	*	440	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Phenanthrene	**33**	**J**	380	14	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Pyrene	**87**	**J**	380	16	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4-Chloro-3-methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Chlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Methylphenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4-Dichlorophenol	ND		380	38	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4-Dimethylphenol	ND		380	59	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4-Dinitrophenol	ND		950	160	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4,6-Dinitro-2-methylphenol	ND		950	110	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2-Nitrophenol	ND		380	42	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
4-Nitrophenol	ND		950	96	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Pentachlorophenol	ND	*	950	78	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Phenol	ND		380	46	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4,5-Trichlorophenol	ND		950	39	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
2,4,6-Trichlorophenol	ND		380	39	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Atrazine	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Benzaldehyde	ND		380	18	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
1,1'-Biphenyl	ND		380	17	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
Caprolactam	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
1,2-Dichlorobenzene	ND		380	47	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
1,3-Dichlorobenzene	ND		380	37	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
1,4-Dichlorobenzene	ND		380	43	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1
1,2,4-Trichlorobenzene	ND		380	40	ug/Kg	☼	09/27/12 11:22	10/03/12 21:07	1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*25 - 135*	*09/27/12 11:22*	*10/03/12 21:07*	*1*
2-Fluorobiphenyl	*65*		*35 - 110*	*09/27/12 11:22*	*10/03/12 21:07*	*1*
2-Fluorophenol (Surr)	*65*		*30 - 135*	*09/27/12 11:22*	*10/03/12 21:07*	*1*
Nitrobenzene-d5 (Surr)	*64*		*35 - 110*	*09/27/12 11:22*	*10/03/12 21:07*	*1*
Phenol-d5 (Surr)	*54*		*30 - 130*	*09/27/12 11:22*	*10/03/12 21:07*	*1*
Terphenyl-d14 (Surr)	*83*		*30 - 130*	*09/27/12 11:22*	*10/03/12 21:07*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1221	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1232	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1242	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1248	ND		260	50	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1254	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1260	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1262	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1
PCB-1268	ND		260	120	ug/Kg	☼	09/24/12 09:09	09/25/12 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*117*		*36 - 182*	*09/24/12 09:09*	*09/25/12 13:16*	*1*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*09/24/12 09:09*	*09/25/12 13:16*	*1*
Tetrachloro-m-xylene	*119*		*24 - 172*	*09/24/12 09:09*	*09/25/12 13:16*	*1*
Tetrachloro-m-xylene	*117*		*24 - 172*	*09/24/12 09:09*	*09/25/12 13:16*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**780**		13	5.7	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Antimony	ND		19	0.70	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Arsenic	**1.7**	**J**	2.6	0.51	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Barium	**7.6**		0.64	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Beryllium	**0.085**	**J**	0.26	0.036	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Cadmium	**0.10**	**J**	0.26	0.039	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Calcium	**1600**	**B**	64	4.2	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Chromium	**3.0**		0.64	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Cobalt	**0.68**		0.64	0.064	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Copper	**5.8**		1.3	0.27	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Iron	**3100**	**B**	13	1.4	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Lead	**10**		1.3	0.31	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Magnesium	**240**	**B**	26	1.2	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Manganese	**47**		0.26	0.041	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Nickel	**1.5**	**J**	6.4	0.30	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Potassium	**120**		39	26	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Selenium	**0.92**	**J**	5.1	0.73	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Silver	ND		0.64	0.26	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Sodium	**23**	**J**	180	17	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Thallium	ND		7.7	0.39	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Vanadium	**3.1**		0.64	0.14	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1
Zinc	**13**	**B**	2.6	0.20	mg/Kg	☼	09/24/12 10:40	09/25/12 14:08	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.022	0.0089	mg/Kg	☼	09/24/12 10:30	09/24/12 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.1	0.52	mg/Kg	☼	09/25/12 15:30	09/26/12 02:44	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Method: 8260B - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
LCS 480-82357/5	Lab Control Sample	72	73	104
MB 480-82357/4	Method Blank	70	80	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25484-6	NS-SS-SS-6-(0.25)	71	72	101
480-25484-11	NS-SS-SS-11-(0.25)	71	75	100
480-25484-11 MS	NS-SS-SS-11-(0.25)	70	77	107
480-25484-11 MSD	NS-SS-SS-11-(0.25)	69	73	104
LB 480-82162/1-A LB	Method Blank	70	73	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-25484-1	NS-SS-SS-1-(0)	90	104	102
480-25484-2	NS-SS-SS-2-(0)	91	105	102
480-25484-3	NS-SS-SS-3-(0)	94	105	104
480-25484-4	NS-SS-SS-4-(0)	94	105	104
480-25484-5	NS-SS-SS-5-(0.25)	96	107	103
480-25484-6	NS-SS-SS-6-(0.25)	96	106	105
480-25484-7	NS-SS-SS-7-(0.25)	92	105	104
480-25484-8	NS-SS-SS-8-(0)	92	105	105
480-25484-9	NS-SS-SS-9-(0.25)	95	104	104
480-25484-10	NS-SS-SS-10-(0.25)	92	107	100
480-25484-11	NS-SS-SS-11-(0.25)	96	107	104
480-25484-11 MS	NS-SS-SS-11-(0.25)	96	105	103
480-25484-11 MSD	NS-SS-SS-11-(0.25)	94	105	102
480-25484-12	NS-SS-SS-12-(0)	95	104	102
LCS 480-82692/5	Lab Control Sample	91	106	105
MB 480-82692/6	Method Blank	92	106	104

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Method: 8270C - TCLP Semivolatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-82476/2-A	Lab Control Sample	96	94	52	91	116	38
LCSD 480-82476/3-A	Lab Control Sample Dup	86	84	45	79	101	32
MB 480-82476/1-A	Method Blank	88	83	45	81	86	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25484-6	NS-SS-SS-6-(0.25)	96	86	47	87	84	33
480-25484-11	NS-SS-SS-11-(0.25)	96	83	45	84	86	32
LB 480-82073/1-D LB	Method Blank	98	91	47	89	88	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(25-135)	(35-110)	(30-135)	(35-110)	(30-130)	(30-130)
480-25484-1	NS-SS-SS-1-(0)	44	67	67	64	59	73
480-25484-1 - RA	NS-SS-SS-1-(0)	50	58	62	59	53	64
480-25484-2	NS-SS-SS-2-(0)	41	66	64	64	57	70
480-25484-2 - RA	NS-SS-SS-2-(0)	42	57	62	57	56	60
480-25484-3	NS-SS-SS-3-(0)	44	78	73	65	65	82
480-25484-3 - RA	NS-SS-SS-3-(0)	51	69	70	66	63	71
480-25484-4	NS-SS-SS-4-(0)	44	62	64	64	57	79
480-25484-4 - RA	NS-SS-SS-4-(0)	41	61	65	63	56	77
480-25484-5 - DL	NS-SS-SS-5-(0.25)	41	59	59	56	52	55
480-25484-5	NS-SS-SS-5-(0.25)	43	62	62	58	55	60
480-25484-6	NS-SS-SS-6-(0.25)	30	64	75	70	66	98
480-25484-6 - DL	NS-SS-SS-6-(0.25)	65	92	93	100	85	101
480-25484-7	NS-SS-SS-7-(0.25)	37	61	62	59	51	61
480-25484-7 - RA	NS-SS-SS-7-(0.25)	34	63	62	58	51	66
480-25484-8	NS-SS-SS-8-(0)	41	65	65	61	58	76

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(25-135)	(35-110)	(30-135)	(35-110)	(30-130)	(30-130)
480-25484-8 - RA	NS-SS-SS-8-(0)	38	64	62	61	55	71
480-25484-9 - DL	NS-SS-SS-9-(0.25)	33	53	56	55	48	61
480-25484-9	NS-SS-SS-9-(0.25)	44	65	67	65	59	66
480-25484-10	NS-SS-SS-10-(0.25)	35	67	65	59	55	69
480-25484-10 - RA	NS-SS-SS-10-(0.25)	36	66	63	60	53	72
480-25484-11	NS-SS-SS-11-(0.25)	41	69	66	64	56	69
480-25484-11 - RA	NS-SS-SS-11-(0.25)	34	61	66	61	57	62
480-25484-11 MS	NS-SS-SS-11-(0.25)	35	64	69	63	60	65
480-25484-11 MSD	NS-SS-SS-11-(0.25)	36	66	63	57	54	67
480-25484-12	NS-SS-SS-12-(0)	38	62	66	62	57	67
480-25484-12 - RA	NS-SS-SS-12-(0)	39	65	65	64	54	83
LCS 200-45528/2-A	Lab Control Sample	54	67	71	69	66	86
MB 200-45528/1-A	Method Blank	41	61	65	65	58	63
MB 200-45528/1-A	Method Blank	39	61	65	61	54	61

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
LCS 480-82481/2-A	Lab Control Sample	68	92	72	95
LCSD 480-82481/3-A	Lab Control Sample Dup	67	90	71	93
MB 480-82481/1-A	Method Blank	83	110	78	107

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
480-25484-6	NS-SS-SS-6-(0.25)	61	83	68	90
480-25484-11	NS-SS-SS-11-(0.25)	77	103	69	94
LB 480-82073/1-E LB	Method Blank	81	109	73	94

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(36-182)	(24-172)	(24-172)
480-25484-1	NS-SS-SS-1-(0)	102	97	107	105
480-25484-2	NS-SS-SS-2-(0)	109	103	119	117
480-25484-3	NS-SS-SS-3-(0)	121	112	128	125
480-25484-4	NS-SS-SS-4-(0)	127	119	129	128
480-25484-5	NS-SS-SS-5-(0.25)	108	101	116	114
480-25484-6	NS-SS-SS-6-(0.25)	929 X	856 X	309 X	315 X
480-25484-7	NS-SS-SS-7-(0.25)	185 X	108	127	124
480-25484-8	NS-SS-SS-8-(0)	117	110	124	121
480-25484-9	NS-SS-SS-9-(0.25)	120	112	124	121
480-25484-10	NS-SS-SS-10-(0.25)	108	97	113	111
480-25484-11	NS-SS-SS-11-(0.25)	111	102	113	110
480-25484-11 MS	NS-SS-SS-11-(0.25)	117	108	127	116
480-25484-11 MSD	NS-SS-SS-11-(0.25)	144	134	154	139
480-25484-12	NS-SS-SS-12-(0)	117	109	119	117
LCS 480-81904/2-A	Lab Control Sample	150	141	167	153
MB 480-81904/1-A	Method Blank	136	129	143	145

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(32-132)	(32-132)
LCS 480-82755/2-A	Lab Control Sample	109	105
MB 480-82755/1-A	Method Blank	96	97

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(32-132)	(32-132)
480-25484-6	NS-SS-SS-6-(0.25)	21 X	21 X
480-25484-11	NS-SS-SS-11-(0.25)	20 X	21 X
LB 480-82073/1-F LB	Method Blank	21 X	15 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-82357/4
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/26/12 14:42	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/26/12 14:42	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/26/12 14:42	1
Benzene	ND		0.0010	0.00041	mg/L			09/26/12 14:42	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/26/12 14:42	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/26/12 14:42	1
Chloroform	ND		0.0010	0.00034	mg/L			09/26/12 14:42	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/26/12 14:42	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/26/12 14:42	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/26/12 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*70*		*66 - 137*		*09/26/12 14:42*	*1*
Toluene-d8 (Surr)	*80*		*71 - 126*		*09/26/12 14:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*09/26/12 14:42*	*1*

Lab Sample ID: LCS 480-82357/5
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			0.0250	0.0245		mg/L		98	58 - 121		
1,2-Dichloroethane			0.0250	0.0271		mg/L		108	75 - 127		
Benzene			0.0250	0.0265		mg/L		106	71 - 124		
Chlorobenzene			0.0250	0.0260		mg/L		104	72 - 120		
Tetrachloroethene			0.0250	0.0226		mg/L		90	74 - 122		
Trichloroethene			0.0250	0.0265		mg/L		106	74 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*72*		*66 - 137*
Toluene-d8 (Surr)	*73*		*71 - 126*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*

Lab Sample ID: LB 480-82162/1-A LB
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/26/12 23:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/26/12 23:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/26/12 23:27	10
Benzene	ND		0.010	0.0041	mg/L			09/26/12 23:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/26/12 23:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/26/12 23:27	10
Chloroform	ND		0.010	0.0034	mg/L			09/26/12 23:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/26/12 23:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/26/12 23:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/26/12 23:27	10

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-82162/1-A LB
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	70		66 - 137		09/26/12 23:27	10
Toluene-d8 (Surr)	73		71 - 126		09/26/12 23:27	10
4-Bromofluorobenzene (Surr)	95		73 - 120		09/26/12 23:27	10

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		0.250	0.236		mg/L		94	58 - 121
1,2-Dichloroethane	ND		0.250	0.280		mg/L		112	75 - 127
Benzene	ND		0.250	0.271		mg/L		109	71 - 124
Chlorobenzene	ND		0.250	0.260		mg/L		104	72 - 120
Tetrachloroethene	ND		0.250	0.239		mg/L		96	74 - 122
Trichloroethene	ND		0.250	0.263		mg/L		105	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	70		66 - 137
Toluene-d8 (Surr)	77		71 - 126
4-Bromofluorobenzene (Surr)	107		73 - 120

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 82357

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		0.250	0.212		mg/L		85	58 - 121	11	16
1,2-Dichloroethane	ND		0.250	0.279		mg/L		111	75 - 127	0	20
Benzene	ND		0.250	0.266		mg/L		106	71 - 124	2	13
Chlorobenzene	ND		0.250	0.254		mg/L		102	72 - 120	2	25
Tetrachloroethene	ND		0.250	0.238		mg/L		95	74 - 122	0	20
Trichloroethene	ND		0.250	0.258		mg/L		103	74 - 123	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	69		66 - 137
Toluene-d8 (Surr)	73		71 - 126
4-Bromofluorobenzene (Surr)	104		73 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 82609

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		55.1	38.5	F	ug/Kg	☼	70	73 - 126
1,1-Dichloroethene	ND		55.1	30.9	F	ug/Kg	☼	56	59 - 125
1,2-Dichlorobenzene	ND		55.1	15.3	F	ug/Kg	☼	28	75 - 120
1,2-Dichloroethane	ND		55.1	38.4	F	ug/Kg	☼	70	77 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 82609

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		55.1	36.3	F	ug/Kg	☼	66	79 - 127
Chlorobenzene	ND		55.1	27.2	F	ug/Kg	☼	49	76 - 124
cis-1,2-Dichloroethene	ND		55.1	37.0	F	ug/Kg	☼	67	81 - 117
Ethylbenzene	ND		55.1	22.4	F	ug/Kg	☼	41	80 - 120
Methyl tert-butyl ether	ND		55.1	42.8		ug/Kg	☼	78	63 - 125
Tetrachloroethene	ND		55.1	21.1	F	ug/Kg	☼	38	74 - 122
Toluene	ND		55.1	30.2	F	ug/Kg	☼	55	74 - 128
trans-1,2-Dichloroethene	ND		55.1	34.8	F	ug/Kg	☼	63	78 - 126
Trichloroethene	ND		55.1	33.7	F	ug/Kg	☼	61	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*
Toluene-d8 (Surr)	*105*		*71 - 125*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 82609

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		54.4	44.0		ug/Kg	☼	81	73 - 126	13	30
1,1-Dichloroethene	ND		54.4	37.7		ug/Kg	☼	69	59 - 125	20	30
1,2-Dichlorobenzene	ND		54.4	20.4	F	ug/Kg	☼	38	75 - 120	28	30
1,2-Dichloroethane	ND		54.4	42.6		ug/Kg	☼	78	77 - 122	11	30
Benzene	ND		54.4	42.5	F	ug/Kg	☼	78	79 - 127	16	30
Chlorobenzene	ND		54.4	34.3	F	ug/Kg	☼	63	76 - 124	23	30
cis-1,2-Dichloroethene	ND		54.4	41.9	F	ug/Kg	☼	77	81 - 117	12	30
Ethylbenzene	ND		54.4	29.9	F	ug/Kg	☼	55	80 - 120	29	30
Methyl tert-butyl ether	ND		54.4	46.3		ug/Kg	☼	85	63 - 125	8	30
Tetrachloroethene	ND		54.4	30.0	F	ug/Kg	☼	55	74 - 122	35	30
Toluene	ND		54.4	37.4	F	ug/Kg	☼	69	74 - 128	21	30
trans-1,2-Dichloroethene	ND		54.4	41.7	F	ug/Kg	☼	77	78 - 126	18	30
Trichloroethene	ND		54.4	40.4	F	ug/Kg	☼	74	77 - 129	18	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*
Toluene-d8 (Surr)	*105*		*71 - 125*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*

Lab Sample ID: MB 480-82692/6
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/28/12 00:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/28/12 00:46	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/28/12 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/28/12 00:46	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/28/12 00:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82692/6
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/28/12 00:46	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/28/12 00:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/28/12 00:46	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/28/12 00:46	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/28/12 00:46	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/28/12 00:46	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/28/12 00:46	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/28/12 00:46	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/28/12 00:46	1
2-Hexanone	ND		25	2.5	ug/Kg			09/28/12 00:46	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/28/12 00:46	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/28/12 00:46	1
Acetone	ND		25	4.2	ug/Kg			09/28/12 00:46	1
Benzene	ND		5.0	0.25	ug/Kg			09/28/12 00:46	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/28/12 00:46	1
Bromoform	ND		5.0	2.5	ug/Kg			09/28/12 00:46	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/28/12 00:46	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/28/12 00:46	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/28/12 00:46	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/28/12 00:46	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/28/12 00:46	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/28/12 00:46	1
Chloroform	ND		5.0	0.31	ug/Kg			09/28/12 00:46	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/28/12 00:46	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/28/12 00:46	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/28/12 00:46	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/28/12 00:46	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/28/12 00:46	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/28/12 00:46	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/28/12 00:46	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/28/12 00:46	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/28/12 00:46	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/28/12 00:46	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/28/12 00:46	1
Styrene	ND		5.0	0.25	ug/Kg			09/28/12 00:46	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/28/12 00:46	1
Toluene	ND		5.0	0.38	ug/Kg			09/28/12 00:46	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/28/12 00:46	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/28/12 00:46	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/28/12 00:46	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/28/12 00:46	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/28/12 00:46	1
Xylenes, Total	0.855	J	10	0.84	ug/Kg			09/28/12 00:46	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
m-Xylene & p-Xylene	*0.855*	*J*	*ug/Kg*		*11.95*	*179601-23-1*		*09/28/12 00:46*	*1*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/28/12 00:46*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-82692/6
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*		*09/28/12 00:46*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*		*09/28/12 00:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*		*09/28/12 00:46*	*1*

Lab Sample ID: LCS 480-82692/5
Matrix: Solid
Analysis Batch: 82692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	45.2		ug/Kg		90	73 - 126
1,1-Dichloroethene	50.0	39.4		ug/Kg		79	59 - 125
1,2-Dichlorobenzene	50.0	49.6		ug/Kg		99	75 - 120
1,2-Dichloroethane	50.0	45.3		ug/Kg		91	77 - 122
Benzene	50.0	46.6		ug/Kg		93	79 - 127
Chlorobenzene	50.0	50.9		ug/Kg		102	76 - 124
cis-1,2-Dichloroethene	50.0	47.2		ug/Kg		94	81 - 117
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 120
Methyl tert-butyl ether	50.0	48.3		ug/Kg		97	63 - 125
Tetrachloroethene	50.0	48.3		ug/Kg		97	74 - 122
Toluene	50.0	47.6		ug/Kg		95	74 - 128
trans-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	78 - 126
Trichloroethene	50.0	45.0		ug/Kg		90	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
Toluene-d8 (Surr)	*106*		*71 - 125*
4-Bromofluorobenzene (Surr)	*105*		*72 - 126*

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-82476/1-A
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		09/27/12 06:43	09/28/12 12:29	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		09/27/12 06:43	09/28/12 12:29	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		09/27/12 06:43	09/28/12 12:29	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		09/27/12 06:43	09/28/12 12:29	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		09/27/12 06:43	09/28/12 12:29	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		09/27/12 06:43	09/28/12 12:29	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		09/27/12 06:43	09/28/12 12:29	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		09/27/12 06:43	09/28/12 12:29	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		09/27/12 06:43	09/28/12 12:29	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		09/27/12 06:43	09/28/12 12:29	1
Pyridine	ND		0.0063	0.00010	mg/L		09/27/12 06:43	09/28/12 12:29	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		09/27/12 06:43	09/28/12 12:29	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		09/27/12 06:43	09/28/12 12:29	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: MB 480-82476/1-A
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82476

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	09/27/12 06:43	09/28/12 12:29	1
2-Fluorobiphenyl	83		48 - 120	09/27/12 06:43	09/28/12 12:29	1
2-Fluorophenol	45		20 - 120	09/27/12 06:43	09/28/12 12:29	1
Nitrobenzene-d5	81		46 - 120	09/27/12 06:43	09/28/12 12:29	1
p-Terphenyl-d14	86		67 - 150	09/27/12 06:43	09/28/12 12:29	1
Phenol-d5	32		16 - 120	09/27/12 06:43	09/28/12 12:29	1

Lab Sample ID: LCS 480-82476/2-A
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0438		mg/L		44	32 - 120
2,4-Dinitrotoluene	0.100	0.108		mg/L		108	59 - 125
Hexachloroethane	0.100	0.0375		mg/L		37	25 - 120
Pentachlorophenol	0.100	0.102		mg/L		102	39 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	96		52 - 132
2-Fluorobiphenyl	94		48 - 120
2-Fluorophenol	52		20 - 120
Nitrobenzene-d5	91		46 - 120
p-Terphenyl-d14	116		67 - 150
Phenol-d5	38		16 - 120

Lab Sample ID: LCSD 480-82476/3-A
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82476

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.100	0.0436		mg/L		44	32 - 120	0	36
2,4-Dinitrotoluene	0.100	0.0979		mg/L		98	59 - 125	10	20
Hexachloroethane	0.100	0.0384		mg/L		38	25 - 120	2	46
Pentachlorophenol	0.100	0.0932		mg/L		93	39 - 136	9	37

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	86		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	45		20 - 120
Nitrobenzene-d5	79		46 - 120
p-Terphenyl-d14	101		67 - 150
Phenol-d5	32		16 - 120

Lab Sample ID: LB 480-82073/1-D LB
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 82476

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/27/12 06:43	09/28/12 13:40	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-82073/1-D LB
Matrix: Solid
Analysis Batch: 82825

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 82476

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/27/12 06:43	09/28/12 13:40	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/27/12 06:43	09/28/12 13:40	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/27/12 06:43	09/28/12 13:40	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/27/12 06:43	09/28/12 13:40	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/27/12 06:43	09/28/12 13:40	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/27/12 06:43	09/28/12 13:40	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/27/12 06:43	09/28/12 13:40	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/27/12 06:43	09/28/12 13:40	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/27/12 06:43	09/28/12 13:40	1
Pyridine	ND		0.025	0.00041	mg/L		09/27/12 06:43	09/28/12 13:40	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/27/12 06:43	09/28/12 13:40	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/27/12 06:43	09/28/12 13:40	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*52 - 132*	*09/27/12 06:43*	*09/28/12 13:40*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*09/27/12 06:43*	*09/28/12 13:40*	*1*
2-Fluorophenol	*47*		*20 - 120*	*09/27/12 06:43*	*09/28/12 13:40*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*09/27/12 06:43*	*09/28/12 13:40*	*1*
p-Terphenyl-d14	*88*		*67 - 150*	*09/27/12 06:43*	*09/28/12 13:40*	*1*
Phenol-d5	*33*		*16 - 120*	*09/27/12 06:43*	*09/28/12 13:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 200-45528/1-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	13	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Acenaphthylene	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Acetophenone	ND		330	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Anthracene	ND		330	14	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzo[a]anthracene	ND		330	13	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzo[a]pyrene	ND		330	99	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzo[b]fluoranthene	ND		330	23	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzo[g,h,i]perylene	ND		330	13	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzo[k]fluoranthene	ND		330	30	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Bis(2-chloroethyl)ether	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Bis(2-chloroethoxy)methane	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
bis (2-chloroisopropyl) ether	ND		330	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Bis(2-ethylhexyl) phthalate	ND		330	21	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Bromophenyl phenyl ether	ND		330	18	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Butyl benzyl phthalate	ND		330	20	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Carbazole	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Chloroaniline	ND		330	32	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Chloronaphthalene	ND		330	43	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Chlorophenyl phenyl ether	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Chrysene	ND		330	18	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Dibenz(a,h)anthracene	ND		330	99	ug/Kg		09/27/12 11:22	10/01/12 10:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 200-45528/1-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		330	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Di-n-butyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
3,3'-Dichlorobenzidine	ND		330	48	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Diethyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Dimethyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4-Dinitrotoluene	ND		330	24	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,6-Dinitrotoluene	ND		330	30	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Di-n-octyl phthalate	ND		330	23	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Fluoranthene	ND		330	12	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Fluorene	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Hexachlorobenzene	ND		330	46	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Hexachlorobutadiene	ND		330	35	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Hexachlorocyclopentadiene	ND		330	65	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Hexachloroethane	ND		330	34	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Indeno[1,2,3-cd]pyrene	ND		330	99	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Isophorone	ND		330	42	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Methylnaphthalene	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Naphthalene	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Nitroaniline	ND		830	37	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
3-Nitroaniline	ND		830	38	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Nitroaniline	ND		830	32	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Nitrobenzene	ND		330	41	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
N-Nitrosodi-n-propylamine	ND		330	46	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
N-Nitrosodiphenylamine	ND		380	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Phenanthrene	ND		330	12	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Pyrene	ND		330	14	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Chloro-3-methylphenol	ND		330	40	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Chlorophenol	ND		330	34	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Methylphenol	ND		330	40	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4-Dichlorophenol	ND		330	33	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4-Dimethylphenol	ND		330	52	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4-Dinitrophenol	ND		830	140	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4,6-Dinitro-2-methylphenol	ND		830	96	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2-Nitrophenol	ND		330	37	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
4-Nitrophenol	ND		830	84	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Pentachlorophenol	ND		830	68	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Phenol	ND		330	40	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4,5-Trichlorophenol	ND		830	34	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
2,4,6-Trichlorophenol	ND		330	34	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Atrazine	ND		330	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Benzaldehyde	ND		330	16	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
1,1'-Biphenyl	ND		330	15	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
Caprolactam	ND		330	35	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
1,2-Dichlorobenzene	ND		330	41	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
1,3-Dichlorobenzene	ND		330	32	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
1,4-Dichlorobenzene	ND		330	38	ug/Kg		09/27/12 11:22	10/01/12 10:30	1
1,2,4-Trichlorobenzene	ND		330	35	ug/Kg		09/27/12 11:22	10/01/12 10:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 200-45528/1-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45528

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	41		25 - 135	09/27/12 11:22	10/01/12 10:30	1
2-Fluorobiphenyl	61		35 - 110	09/27/12 11:22	10/01/12 10:30	1
2-Fluorophenol (Surr)	65		30 - 135	09/27/12 11:22	10/01/12 10:30	1
Nitrobenzene-d5 (Surr)	65		35 - 110	09/27/12 11:22	10/01/12 10:30	1
Phenol-d5 (Surr)	58		30 - 130	09/27/12 11:22	10/01/12 10:30	1
Terphenyl-d14 (Surr)	63		30 - 130	09/27/12 11:22	10/01/12 10:30	1

Lab Sample ID: MB 200-45528/1-A
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	13	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Acenaphthylene	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Acetophenone	ND		330	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Anthracene	ND		330	14	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzo[a]anthracene	ND		330	13	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzo[a]pyrene	ND		330	99	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzo[b]fluoranthene	ND		330	23	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzo[g,h,i]perylene	ND		330	13	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzo[k]fluoranthene	ND		330	30	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Bis(2-chloroethyl)ether	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Bis(2-chloroethoxy)methane	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
bis (2-chloroisopropyl) ether	ND		330	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Bis(2-ethylhexyl) phthalate	ND		330	21	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Bromophenyl phenyl ether	ND		330	18	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Butyl benzyl phthalate	ND		330	20	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Carbazole	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Chloroaniline	ND		330	32	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2-Chloronaphthalene	ND		330	43	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Chlorophenyl phenyl ether	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Chrysene	ND		330	18	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Dibenz(a,h)anthracene	ND		330	99	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Dibenzofuran	ND		330	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Di-n-butyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
3,3'-Dichlorobenzidine	ND		330	48	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Diethyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Dimethyl phthalate	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4-Dinitrotoluene	ND		330	24	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,6-Dinitrotoluene	ND		330	30	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Di-n-octyl phthalate	ND		330	23	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Fluoranthene	ND		330	12	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Fluorene	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Hexachlorobenzene	ND		330	46	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Hexachlorobutadiene	ND		330	35	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Hexachlorocyclopentadiene	ND		330	65	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Hexachloroethane	ND		330	34	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Indeno[1,2,3-cd]pyrene	ND		330	99	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Isophorone	ND		330	42	ug/Kg		09/27/12 11:22	10/03/12 13:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 200-45528/1-A
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Naphthalene	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2-Nitroaniline	ND		830	37	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
3-Nitroaniline	ND		830	38	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Nitroaniline	ND		830	32	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Nitrobenzene	ND		330	41	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
N-Nitrosodi-n-propylamine	ND		330	46	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
N-Nitrosodiphenylamine	ND		380	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Phenanthrene	ND		330	12	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Pyrene	ND		330	14	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Chloro-3-methylphenol	ND		330	40	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2-Chlorophenol	ND		330	34	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2-Methylphenol	ND		330	40	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4-Dichlorophenol	ND		330	33	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4-Dimethylphenol	ND		330	52	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4-Dinitrophenol	ND		830	140	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4,6-Dinitro-2-methylphenol	ND		830	96	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2-Nitrophenol	ND		330	37	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
4-Nitrophenol	ND		830	84	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Pentachlorophenol	ND		830	68	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Phenol	ND		330	40	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4,5-Trichlorophenol	ND		830	34	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
2,4,6-Trichlorophenol	ND		330	34	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Atrazine	ND		330	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Benzaldehyde	ND		330	16	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
1,1'-Biphenyl	ND		330	15	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
Caprolactam	ND		330	35	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
1,2-Dichlorobenzene	ND		330	41	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
1,3-Dichlorobenzene	ND		330	32	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
1,4-Dichlorobenzene	ND		330	38	ug/Kg		09/27/12 11:22	10/03/12 13:02	1
1,2,4-Trichlorobenzene	ND		330	35	ug/Kg		09/27/12 11:22	10/03/12 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*25 - 135*	*09/27/12 11:22*	*10/03/12 13:02*	*1*
2-Fluorobiphenyl	*61*		*35 - 110*	*09/27/12 11:22*	*10/03/12 13:02*	*1*
2-Fluorophenol (Surr)	*65*		*30 - 135*	*09/27/12 11:22*	*10/03/12 13:02*	*1*
Nitrobenzene-d5 (Surr)	*61*		*35 - 110*	*09/27/12 11:22*	*10/03/12 13:02*	*1*
Phenol-d5 (Surr)	*54*		*30 - 130*	*09/27/12 11:22*	*10/03/12 13:02*	*1*
Terphenyl-d14 (Surr)	*61*		*30 - 130*	*09/27/12 11:22*	*10/03/12 13:02*	*1*

Lab Sample ID: LCS 200-45528/2-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1700	1420		ug/Kg		84	65 - 110
Acenaphthylene	1700	1430		ug/Kg		84	65 - 110
Acetophenone	1700	1430		ug/Kg		84	60 - 120
Anthracene	1700	1390		ug/Kg		82	70 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 200-45528/2-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]anthracene	1700	1510		ug/Kg		89	65 - 115
Benzo[a]pyrene	1700	1390		ug/Kg		82	60 - 120
Benzo[b]fluoranthene	1700	1430		ug/Kg		84	45 - 135
Benzo[g,h,i]perylene	1700	1520		ug/Kg		89	50 - 125
Benzo[k]fluoranthene	1700	1470		ug/Kg		86	60 - 130
Bis(2-chloroethyl)ether	1700	1360		ug/Kg		80	60 - 110
Bis(2-chloroethoxy)methane	1700	1470		ug/Kg		87	65 - 110
bis (2-chloroisopropyl) ether	1700	1430		ug/Kg		84	60 - 120
Bis(2-ethylhexyl) phthalate	1700	1590		ug/Kg		94	55 - 130
4-Bromophenyl phenyl ether	1700	1630		ug/Kg		96	55 - 110
Butyl benzyl phthalate	1700	1700		ug/Kg		100	55 - 130
Carbazole	1700	1160		ug/Kg		68	55 - 115
4-Chloroaniline	1700	484		ug/Kg		28	10 - 70
2-Chloronaphthalene	1700	1590		ug/Kg		93	60 - 115
4-Chlorophenyl phenyl ether	1700	1390		ug/Kg		82	60 - 110
Chrysene	1700	1390		ug/Kg		82	65 - 115
Dibenz(a,h)anthracene	1700	1410		ug/Kg		83	50 - 125
Dibenzofuran	1700	1420		ug/Kg		84	60 - 110
Di-n-butyl phthalate	1700	1270		ug/Kg		75	55 - 120
3,3'-Dichlorobenzidine	1700	889		ug/Kg		52	10 - 90
Diethyl phthalate	1700	1270		ug/Kg		74	60 - 115
Dimethyl phthalate	1700	1390		ug/Kg		82	60 - 115
2,4-Dinitrotoluene	1700	1270		ug/Kg		75	50 - 130
2,6-Dinitrotoluene	1700	1380		ug/Kg		81	50 - 125
Di-n-octyl phthalate	1700	1290		ug/Kg		76	45 - 125
Fluoranthene	1700	1120		ug/Kg		66	60 - 115
Fluorene	1700	1400		ug/Kg		83	65 - 110
Hexachlorobenzene	1700	1540		ug/Kg		91	60 - 110
Hexachlorobutadiene	1700	1590		ug/Kg		93	55 - 110
Hexachlorocyclopentadiene	1700	1730		ug/Kg		102	35 - 105
Hexachloroethane	1700	1400		ug/Kg		82	60 - 105
Indeno[1,2,3-cd]pyrene	1700	1450		ug/Kg		85	50 - 120
Isophorone	1700	1460		ug/Kg		86	60 - 115
2-Methylnaphthalene	1700	1490		ug/Kg		88	60 - 120
Naphthalene	1700	1430		ug/Kg		84	65 - 105
2-Nitroaniline	1700	1390		ug/Kg		82	60 - 115
3-Nitroaniline	1700	699	J	ug/Kg		41	10 - 85
4-Nitroaniline	1700	905		ug/Kg		53	50 - 115
Nitrobenzene	1700	1510		ug/Kg		89	60 - 110
N-Nitrosodi-n-propylamine	1700	1410		ug/Kg		83	65 - 120
N-Nitrosodiphenylamine	1700	4050	E *	ug/Kg		238	55 - 135
Phenanthrene	1700	1420		ug/Kg		83	65 - 110
Pyrene	1700	1890		ug/Kg		111	60 - 130
4-Chloro-3-methylphenol	1700	1300		ug/Kg		76	60 - 120
2-Chlorophenol	1700	1370		ug/Kg		81	65 - 110
2-Methylphenol	1700	1350		ug/Kg		79	65 - 110
2,4-Dichlorophenol	1700	1510		ug/Kg		89	60 - 110
2,4-Dimethylphenol	1700	1270		ug/Kg		75	40 - 125
2,4-Dinitrophenol	1700	740	J	ug/Kg		44	10 - 140
4,6-Dinitro-2-methylphenol	1700	1070		ug/Kg		63	35 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 200-45528/2-A
Matrix: Solid
Analysis Batch: 46062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Nitrophenol	1700	1440		ug/Kg		85	45 - 120
4-Nitrophenol	1700	774	J	ug/Kg		46	40 - 140
Pentachlorophenol	1700	732	J	ug/Kg		43	40 - 115
Phenol	1700	1390		ug/Kg		82	60 - 110
2,4,5-Trichlorophenol	1700	1400		ug/Kg		82	60 - 110
2,4,6-Trichlorophenol	1700	1480		ug/Kg		87	55 - 110
Atrazine	1700	1470		ug/Kg		86	65 - 120
Benzaldehyde	1700	1620		ug/Kg		95	20 - 140
1,1'-Biphenyl	1700	1670		ug/Kg		98	65 - 115
Caprolactam	1700	1090		ug/Kg		64	60 - 130
1,2-Dichlorobenzene	1700	1400		ug/Kg		82	65 - 105
1,3-Dichlorobenzene	1700	1350		ug/Kg		80	60 - 100
1,4-Dichlorobenzene	1700	1360		ug/Kg		80	60 - 100
1,2,4-Trichlorobenzene	1700	1490		ug/Kg		87	55 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*54*		*25 - 135*
2-Fluorobiphenyl	*67*		*35 - 110*
2-Fluorophenol (Surr)	*71*		*30 - 135*
Nitrobenzene-d5 (Surr)	*69*		*35 - 110*
Phenol-d5 (Surr)	*66*		*30 - 130*
Terphenyl-d14 (Surr)	*86*		*30 - 130*

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		1900	1420		ug/Kg	☼	75	65 - 110
Acenaphthylene	ND		1900	1430		ug/Kg	☼	75	65 - 110
Acetophenone	22		1900	1560		ug/Kg	☼	81	60 - 120
Anthracene	28		1900	1310	F	ug/Kg	☼	68	70 - 110
Benzo[a]anthracene	160		1900	1600		ug/Kg	☼	76	65 - 115
Benzo[a]pyrene	190		1900	1580		ug/Kg	☼	73	60 - 120
Benzo[b]fluoranthene	180		1900	1910		ug/Kg	☼	91	45 - 135
Benzo[g,h,i]perylene	110		1900	868	F	ug/Kg	☼	40	50 - 125
Benzo[k]fluoranthene	190		1900	1400		ug/Kg	☼	63	60 - 130
Bis(2-chloroethyl)ether	ND		1900	1580		ug/Kg	☼	83	60 - 110
Bis(2-chloroethoxy)methane	ND		1900	1520		ug/Kg	☼	80	65 - 110
bis (2-chloroisopropyl) ether	ND		1900	1510		ug/Kg	☼	80	60 - 120
Bis(2-ethylhexyl) phthalate	250		1900	2310		ug/Kg	☼	108	55 - 130
4-Bromophenyl phenyl ether	ND		1900	1410		ug/Kg	☼	74	55 - 110
Butyl benzyl phthalate	100		1900	1880		ug/Kg	☼	94	55 - 130
Carbazole	ND		1900	1090		ug/Kg	☼	57	55 - 115
4-Chloroaniline	ND		1900	624		ug/Kg	☼	33	10 - 70
2-Chloronaphthalene	ND		1900	1650		ug/Kg	☼	87	60 - 115
4-Chlorophenyl phenyl ether	ND		1900	1280		ug/Kg	☼	67	60 - 110
Chrysene	180		1900	1650		ug/Kg	☼	77	65 - 115
Dibenz(a,h)anthracene	ND		1900	999		ug/Kg	☼	53	50 - 125

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenzofuran	ND		1900	1320		ug/Kg	☼	70	60 - 110
Di-n-butyl phthalate	23		1900	1190		ug/Kg	☼	61	55 - 120
3,3'-Dichlorobenzidine	ND		1900	607		ug/Kg	☼	32	10 - 90
Diethyl phthalate	ND		1900	1230		ug/Kg	☼	65	60 - 115
Dimethyl phthalate	ND		1900	1450		ug/Kg	☼	76	60 - 115
2,4-Dinitrotoluene	ND		1900	1190		ug/Kg	☼	63	50 - 130
2,6-Dinitrotoluene	ND		1900	1350		ug/Kg	☼	71	50 - 125
Di-n-octyl phthalate	ND		1900	1300		ug/Kg	☼	68	45 - 125
Fluoranthene	180		1900	1280	F	ug/Kg	☼	58	60 - 115
Fluorene	ND		1900	1270		ug/Kg	☼	67	65 - 110
Hexachlorobenzene	ND		1900	1250		ug/Kg	☼	66	60 - 110
Hexachlorobutadiene	ND		1900	1500		ug/Kg	☼	79	55 - 110
Hexachlorocyclopentadiene	ND		1900	309	J F	ug/Kg	☼	16	35 - 105
Hexachloroethane	ND		1900	1440		ug/Kg	☼	76	60 - 105
Indeno[1,2,3-cd]pyrene	140		1900	1160		ug/Kg	☼	54	50 - 120
Isophorone	ND		1900	1490		ug/Kg	☼	78	60 - 115
2-Methylnaphthalene	ND		1900	1440		ug/Kg	☼	76	60 - 120
Naphthalene	ND		1900	1530		ug/Kg	☼	81	65 - 105
2-Nitroaniline	ND		1900	1410		ug/Kg	☼	74	60 - 115
3-Nitroaniline	ND		1900	823	J	ug/Kg	☼	43	10 - 85
4-Nitroaniline	ND		1900	750	J F	ug/Kg	☼	39	50 - 115
Nitrobenzene	ND		1900	1530		ug/Kg	☼	81	60 - 110
N-Nitrosodi-n-propylamine	ND		1900	1490		ug/Kg	☼	79	65 - 120
N-Nitrosodiphenylamine	ND		1900	3950	E F	ug/Kg	☼	208	55 - 135
Phenanthrene	120		1900	1510		ug/Kg	☼	73	65 - 110
Pyrene	330		1900	2290		ug/Kg	☼	103	60 - 130
4-Chloro-3-methylphenol	ND		1900	1230		ug/Kg	☼	65	60 - 120
2-Chlorophenol	ND		1900	1530		ug/Kg	☼	81	65 - 110
2-Methylphenol	ND		1900	1480		ug/Kg	☼	78	65 - 110
2,4-Dichlorophenol	ND		1900	1420		ug/Kg	☼	75	60 - 110
2,4-Dimethylphenol	ND		1900	1460		ug/Kg	☼	77	40 - 125
2,4-Dinitrophenol	ND		1900	331	J	ug/Kg	☼	17	10 - 140
4,6-Dinitro-2-methylphenol	ND		1900	663	J	ug/Kg	☼	35	35 - 120
2-Nitrophenol	ND		1900	1500		ug/Kg	☼	79	45 - 120
4-Nitrophenol	ND		1900	916	J	ug/Kg	☼	48	40 - 140
Pentachlorophenol	ND		1900	679	J F	ug/Kg	☼	36	40 - 115
Phenol	ND		1900	1280		ug/Kg	☼	67	60 - 110
2,4,5-Trichlorophenol	ND		1900	1320		ug/Kg	☼	69	60 - 110
2,4,6-Trichlorophenol	ND		1900	1330		ug/Kg	☼	70	55 - 110
Atrazine	ND		1900	1300		ug/Kg	☼	68	65 - 120
Benzaldehyde	25		1900	1630		ug/Kg	☼	85	20 - 140
1,1'-Biphenyl	ND		1900	1760		ug/Kg	☼	93	65 - 115
Caprolactam	ND		1900	1230		ug/Kg	☼	65	60 - 130
1,2-Dichlorobenzene	ND		1900	1520		ug/Kg	☼	80	65 - 105
1,3-Dichlorobenzene	ND		1900	1450		ug/Kg	☼	77	60 - 100
1,4-Dichlorobenzene	ND		1900	1470		ug/Kg	☼	77	60 - 100
1,2,4-Trichlorobenzene	ND		1900	1440		ug/Kg	☼	76	55 - 110

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 45528

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*35*		*25 - 135*
2-Fluorobiphenyl	*64*		*35 - 110*
2-Fluorophenol (Surr)	*69*		*30 - 135*
Nitrobenzene-d5 (Surr)	*63*		*35 - 110*
Phenol-d5 (Surr)	*60*		*30 - 130*
Terphenyl-d14 (Surr)	*65*		*30 - 130*

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		1830	1450		ug/Kg	☼	79	65 - 110	2	30
Acenaphthylene	ND		1830	1460		ug/Kg	☼	80	65 - 110	2	30
Acetophenone	22		1830	1400		ug/Kg	☼	75	60 - 120	11	30
Anthracene	28		1830	1480		ug/Kg	☼	79	70 - 110	12	30
Benzo[a]anthracene	160		1830	1740		ug/Kg	☼	86	65 - 115	8	30
Benzo[a]pyrene	190		1830	1710		ug/Kg	☼	83	60 - 120	8	30
Benzo[b]fluoranthene	180		1830	1690		ug/Kg	☼	82	45 - 135	12	30
Benzo[g,h,i]perylene	110		1830	1290	F	ug/Kg	☼	65	50 - 125	39	30
Benzo[k]fluoranthene	190		1830	1880		ug/Kg	☼	92	60 - 130	29	30
Bis(2-chloroethyl)ether	ND		1830	1400		ug/Kg	☼	77	60 - 110	12	30
Bis(2-chloroethoxy)methane	ND		1830	1420		ug/Kg	☼	78	65 - 110	7	30
bis (2-chloroisopropyl) ether	ND		1830	1350		ug/Kg	☼	74	60 - 120	11	30
Bis(2-ethylhexyl) phthalate	250		1830	2020		ug/Kg	☼	97	55 - 130	13	30
4-Bromophenyl phenyl ether	ND		1830	1540		ug/Kg	☼	84	55 - 110	8	30
Butyl benzyl phthalate	100		1830	2020		ug/Kg	☼	105	55 - 130	7	30
Carbazole	ND		1830	1300		ug/Kg	☼	71	55 - 115	18	30
4-Chloroaniline	ND		1830	607		ug/Kg	☼	33	10 - 70	3	30
2-Chloronaphthalene	ND		1830	1630		ug/Kg	☼	89	60 - 115	1	30
4-Chlorophenyl phenyl ether	ND		1830	1290		ug/Kg	☼	70	60 - 110	1	30
Chrysene	180		1830	1820		ug/Kg	☼	89	65 - 115	10	30
Dibenz(a,h)anthracene	ND		1830	1180		ug/Kg	☼	65	50 - 125	17	30
Dibenzofuran	ND		1830	1400		ug/Kg	☼	76	60 - 110	5	30
Di-n-butyl phthalate	23		1830	1380		ug/Kg	☼	74	55 - 120	15	30
3,3'-Dichlorobenzidine	ND		1830	674		ug/Kg	☼	37	10 - 90	11	30
Diethyl phthalate	ND		1830	1300		ug/Kg	☼	71	60 - 115	6	30
Dimethyl phthalate	ND		1830	1500		ug/Kg	☼	82	60 - 115	3	30
2,4-Dinitrotoluene	ND		1830	1260		ug/Kg	☼	69	50 - 130	5	30
2,6-Dinitrotoluene	ND		1830	1450		ug/Kg	☼	79	50 - 125	7	30
Di-n-octyl phthalate	ND		1830	1350		ug/Kg	☼	74	45 - 125	4	30
Fluoranthene	180		1830	1620		ug/Kg	☼	79	60 - 115	24	30
Fluorene	ND		1830	1310		ug/Kg	☼	72	65 - 110	4	30
Hexachlorobenzene	ND		1830	1410		ug/Kg	☼	77	60 - 110	12	30
Hexachlorobutadiene	ND		1830	1370		ug/Kg	☼	75	55 - 110	9	30
Hexachlorocyclopentadiene	ND		1830	300	J F	ug/Kg	☼	16	35 - 105	3	30
Hexachloroethane	ND		1830	1260		ug/Kg	☼	69	60 - 105	14	30
Indeno[1,2,3-cd]pyrene	140		1830	1210		ug/Kg	☼	58	50 - 120	4	30
Isophorone	ND		1830	1340		ug/Kg	☼	73	60 - 115	10	30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 46069

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 45528

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene	ND		1830	1290		ug/Kg	☼	70	60 - 120	11	30
Naphthalene	ND		1830	1400		ug/Kg	☼	76	65 - 105	9	30
2-Nitroaniline	ND		1830	1430		ug/Kg	☼	78	60 - 115	2	30
3-Nitroaniline	ND		1830	869	J	ug/Kg	☼	48	10 - 85	5	30
4-Nitroaniline	ND		1830	783	J F	ug/Kg	☼	43	50 - 115	4	30
Nitrobenzene	ND		1830	1440		ug/Kg	☼	79	60 - 110	6	30
N-Nitrosodi-n-propylamine	ND		1830	1300		ug/Kg	☼	71	65 - 120	14	30
N-Nitrosodiphenylamine	ND		1830	4520	E F	ug/Kg	☼	247	55 - 135	14	30
Phenanthrene	120		1830	1900		ug/Kg	☼	97	65 - 110	23	30
Pyrene	330		1830	2720	F	ug/Kg	☼	131	60 - 130	17	30
4-Chloro-3-methylphenol	ND		1830	1190		ug/Kg	☼	65	60 - 120	3	30
2-Chlorophenol	ND		1830	1350		ug/Kg	☼	74	65 - 110	12	30
2-Methylphenol	ND		1830	1320		ug/Kg	☼	72	65 - 110	12	30
2,4-Dichlorophenol	ND		1830	1300		ug/Kg	☼	71	60 - 110	9	30
2,4-Dimethylphenol	ND		1830	1370		ug/Kg	☼	75	40 - 125	6	30
2,4-Dinitrophenol	ND		1830	355	J	ug/Kg	☼	19	10 - 140	7	30
4,6-Dinitro-2-methylphenol	ND		1830	761	J	ug/Kg	☼	42	35 - 120	14	30
2-Nitrophenol	ND		1830	1390		ug/Kg	☼	76	45 - 120	7	30
4-Nitrophenol	ND		1830	1010		ug/Kg	☼	55	40 - 140	9	30
Pentachlorophenol	ND		1830	714	J F	ug/Kg	☼	39	40 - 115	5	30
Phenol	ND		1830	1140		ug/Kg	☼	62	60 - 110	11	30
2,4,5-Trichlorophenol	ND		1830	1350		ug/Kg	☼	74	60 - 110	3	30
2,4,6-Trichlorophenol	ND		1830	1380		ug/Kg	☼	75	55 - 110	3	30
Atrazine	ND		1830	1450		ug/Kg	☼	79	65 - 120	11	30
Benzaldehyde	25		1830	1480		ug/Kg	☼	79	20 - 140	10	30
1,1'-Biphenyl	ND		1830	1770		ug/Kg	☼	97	65 - 115	0	30
Caprolactam	ND		1830	1170		ug/Kg	☼	64	60 - 130	5	30
1,2-Dichlorobenzene	ND		1830	1360		ug/Kg	☼	75	65 - 105	11	30
1,3-Dichlorobenzene	ND		1830	1310		ug/Kg	☼	71	60 - 100	11	30
1,4-Dichlorobenzene	ND		1830	1330		ug/Kg	☼	73	60 - 100	10	30
1,2,4-Trichlorobenzene	ND		1830	1340		ug/Kg	☼	73	55 - 110	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*36*		*25 - 135*
2-Fluorobiphenyl	*66*		*35 - 110*
2-Fluorophenol (Surr)	*63*		*30 - 135*
Nitrobenzene-d5 (Surr)	*57*		*35 - 110*
Phenol-d5 (Surr)	*54*		*30 - 130*
Terphenyl-d14 (Surr)	*67*		*30 - 130*

Method: 8081A - TCLP Pesticides

Lab Sample ID: MB 480-82481/1-A
Matrix: Solid
Analysis Batch: 82830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		09/27/12 07:15	09/28/12 12:37	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		09/27/12 07:15	09/28/12 12:37	1

Method: 8081A - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-82481/1-A
Matrix: Solid
Analysis Batch: 82830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.000050	0.0000035	mg/L		09/27/12 07:15	09/28/12 12:37	1
Heptachlor	ND		0.000050	0.0000021	mg/L		09/27/12 07:15	09/28/12 12:37	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		09/27/12 07:15	09/28/12 12:37	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		09/27/12 07:15	09/28/12 12:37	1
Toxaphene	ND		0.00050	0.000030	mg/L		09/27/12 07:15	09/28/12 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*16 - 120*	*09/27/12 07:15*	*09/28/12 12:37*	*1*
DCB Decachlorobiphenyl	*110*		*16 - 120*	*09/27/12 07:15*	*09/28/12 12:37*	*1*
Tetrachloro-m-xylene	*78*		*35 - 120*	*09/27/12 07:15*	*09/28/12 12:37*	*1*
Tetrachloro-m-xylene	*107*		*35 - 120*	*09/27/12 07:15*	*09/28/12 12:37*	*1*

Lab Sample ID: LCS 480-82481/2-A
Matrix: Solid
Analysis Batch: 82830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82481

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
gamma-BHC (Lindane)			0.000500	0.000423		mg/L		85	57 - 128		
Endrin			0.000500	0.000437		mg/L		87	57 - 130		
Heptachlor			0.000500	0.000371		mg/L		74	46 - 121		
Heptachlor epoxide			0.000500	0.000449		mg/L		90	53 - 120		
Methoxychlor			0.000500	0.000468		mg/L		94	48 - 165		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*68*		*16 - 120*
DCB Decachlorobiphenyl	*92*		*16 - 120*
Tetrachloro-m-xylene	*72*		*35 - 120*
Tetrachloro-m-xylene	*95*		*35 - 120*

Lab Sample ID: LCSD 480-82481/3-A
Matrix: Solid
Analysis Batch: 82830

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 82481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)			0.000500	0.000444		mg/L		89	57 - 128	5	24
Endrin			0.000500	0.000441		mg/L		88	57 - 130	1	24
Heptachlor			0.000500	0.000395		mg/L		79	46 - 121	6	25
Heptachlor epoxide			0.000500	0.000452		mg/L		90	53 - 120	1	23
Methoxychlor			0.000500	0.000465		mg/L		93	48 - 165	1	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*16 - 120*
DCB Decachlorobiphenyl	*90*		*16 - 120*
Tetrachloro-m-xylene	*71*		*35 - 120*
Tetrachloro-m-xylene	*93*		*35 - 120*

Method: 8081A - TCLP Pesticides (Continued)

Lab Sample ID: LB 480-82073/1-E LB
Matrix: Solid
Analysis Batch: 82830

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 82481

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/27/12 07:16	09/28/12 14:39	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/27/12 07:16	09/28/12 14:39	1
Endrin	ND		0.00020	0.000014	mg/L		09/27/12 07:16	09/28/12 14:39	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/27/12 07:16	09/28/12 14:39	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/27/12 07:16	09/28/12 14:39	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/27/12 07:16	09/28/12 14:39	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/27/12 07:16	09/28/12 14:39	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*16 - 120*	*09/27/12 07:16*	*09/28/12 14:39*	*1*
DCB Decachlorobiphenyl	*109*		*16 - 120*	*09/27/12 07:16*	*09/28/12 14:39*	*1*
Tetrachloro-m-xylene	*73*		*35 - 120*	*09/27/12 07:16*	*09/28/12 14:39*	*1*
Tetrachloro-m-xylene	*94*		*35 - 120*	*09/27/12 07:16*	*09/28/12 14:39*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-81904/1-A
Matrix: Solid
Analysis Batch: 82020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	43	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1221	ND		220	43	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1232	ND		220	43	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1242	ND		220	43	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1248	ND		220	43	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1254	ND		220	100	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1260	ND		220	100	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1262	ND		220	100	ug/Kg		09/24/12 09:09	09/25/12 09:05	1
PCB-1268	ND		220	100	ug/Kg		09/24/12 09:09	09/25/12 09:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*136*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:05*	*1*
DCB Decachlorobiphenyl	*129*		*36 - 182*	*09/24/12 09:09*	*09/25/12 09:05*	*1*
Tetrachloro-m-xylene	*143*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:05*	*1*
Tetrachloro-m-xylene	*145*		*24 - 172*	*09/24/12 09:09*	*09/25/12 09:05*	*1*

Lab Sample ID: LCS 480-81904/2-A
Matrix: Solid
Analysis Batch: 82020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81904

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2420	3180		ug/Kg		132	51 - 185		
PCB-1260			2420	2900		ug/Kg		120	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*150*		*36 - 182*
DCB Decachlorobiphenyl	*141*		*36 - 182*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-81904/2-A
Matrix: Solid
Analysis Batch: 82020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81904

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*167*		*24 - 172*
Tetrachloro-m-xylene	*153*		*24 - 172*

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82020

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		2310	2070		ug/Kg	☼	89	42 - 159
PCB-1260	ND		2310	1860		ug/Kg	☼	80	47 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*117*		*36 - 182*
DCB Decachlorobiphenyl	*108*		*36 - 182*
Tetrachloro-m-xylene	*127*		*24 - 172*
Tetrachloro-m-xylene	*116*		*24 - 172*

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 82020

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2550	3090		ug/Kg	☼	121	42 - 159	40	50
PCB-1260	ND		2550	2720		ug/Kg	☼	107	47 - 153	38	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*144*		*36 - 182*
DCB Decachlorobiphenyl	*134*		*36 - 182*
Tetrachloro-m-xylene	*154*		*24 - 172*
Tetrachloro-m-xylene	*139*		*24 - 172*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-82755/1-A
Matrix: Solid
Analysis Batch: 83539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82755

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		09/28/12 06:24	10/03/12 10:45	1
2,4-D	ND		0.00050	0.00010	mg/L		09/28/12 06:24	10/03/12 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*96*		*32 - 132*	*09/28/12 06:24*	*10/03/12 10:45*	*1*
2,4-Dichlorophenylacetic acid	*97*		*32 - 132*	*09/28/12 06:24*	*10/03/12 10:45*	*1*

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-82755/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 83539 — **Prep Batch: 82755**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00225		mg/L		113	44 - 147
2,4-D	0.00200	0.00232		mg/L		116	45 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*109*		*32 - 132*
2,4-Dichlorophenylacetic acid	*105*		*32 - 132*

Lab Sample ID: LB 480-82073/1-F LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 83539 — **Prep Batch: 82755**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/28/12 06:24	10/03/12 12:44	1
2,4-D	ND		0.0020	0.00040	mg/L		09/28/12 06:24	10/03/12 12:44	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*21*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 12:44*	*1*
2,4-Dichlorophenylacetic acid	*15*	*X*	*32 - 132*	*09/28/12 06:24*	*10/03/12 12:44*	*1*

Method: 1110A - Corrosivity Toward Steel

Lab Sample ID: MB 560-79453/1 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 79453

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	ND		0.10	0.10	mm/year			10/15/12 12:40	1

Lab Sample ID: 480-25484-11 DU — **Client Sample ID: NS-SS-SS-11-(0.25)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 79453

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity toward Steel	0.29		0.281		mm/year		1	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-81806/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82269 — **Prep Batch: 81806**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10	4.6	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Antimony	ND		16	0.56	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Arsenic	ND		2.1	0.41	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Barium	ND		0.52	0.11	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Beryllium	ND		0.21	0.029	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Cadmium	ND		0.21	0.031	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Calcium	7.16	J	52	3.4	mg/Kg		09/24/12 10:40	09/25/12 13:28	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-81806/1-A
Matrix: Solid
Analysis Batch: 82269

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.52	0.21	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Cobalt	ND		0.52	0.052	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Copper	ND		1.0	0.22	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Iron	1.96	J	10	1.1	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Lead	ND		1.0	0.25	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Magnesium	1.84	J	21	0.96	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Manganese	ND		0.21	0.033	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Nickel	ND		5.2	0.24	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Potassium	ND		31	21	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Selenium	ND		4.1	0.59	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Silver	ND		0.52	0.21	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Sodium	ND		150	13	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Thallium	ND		6.2	0.31	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Vanadium	ND		0.52	0.11	mg/Kg		09/24/12 10:40	09/25/12 13:28	1
Zinc	0.257	J	2.1	0.16	mg/Kg		09/24/12 10:40	09/25/12 13:28	1

Lab Sample ID: LCSSRM 480-81806/2-A
Matrix: Solid
Analysis Batch: 82269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81806

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8400	7010		mg/Kg		83.4	40.6 - 159.5
Antimony	93.3	78.7		mg/Kg		84.3	24.8 - 272.2
Arsenic	94.5	95.5		mg/Kg		101.0	69.2 - 131.2
Barium	167	164		mg/Kg		98.1	72.5 - 126.9
Beryllium	57.6	59.6		mg/Kg		103.4	73.3 - 126.7
Cadmium	60.5	60.5		mg/Kg		99.9	73.2 - 126.8
Calcium	6140	6110		mg/Kg		99.5	73.9 - 126.4
Chromium	70.4	69.1		mg/Kg		98.1	68.5 - 131.5
Cobalt	102	108		mg/Kg		105.9	74.5 - 125.5
Copper	79.6	81.1		mg/Kg		101.8	73.6 - 125.6
Iron	12500	10700		mg/Kg		85.7	31.0 - 168.8
Lead	91.8	99.9		mg/Kg		108.8	70.3 - 129.6
Magnesium	2580	2390		mg/Kg		92.6	63.6 - 136.0
Manganese	283	269		mg/Kg		95.0	73.9 - 125.4
Nickel	57.6	60.0		mg/Kg		104.2	70.0 - 130.2
Potassium	2490	2300		mg/Kg		92.3	60.6 - 139.0

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-81806/2-A
Matrix: Solid
Analysis Batch: 82269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81806

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	86.4	87.7		mg/Kg		101.5	64.0 - 136.6
Silver	34.4	34.3		mg/Kg		99.6	65.7 - 134.6
Sodium	215	202		mg/Kg		94.1	26.7 - 174.0
Thallium	120	130		mg/Kg		108.3	67.3 - 131.7
Vanadium	57.0	54.8		mg/Kg		96.2	53.7 - 146.1
Zinc	140	140		mg/Kg		99.7	67.4 - 132.9

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82269

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	4700		2150	6230	F	mg/Kg	☼	72	75 - 125
Antimony	0.77	J	42.9	39.6		mg/Kg	☼	90	75 - 125
Arsenic	3.3		42.9	44.3		mg/Kg	☼	96	75 - 125
Barium	51		42.9	82.6	F	mg/Kg	☼	73	75 - 125
Beryllium	0.31		42.9	42.5		mg/Kg	☼	98	75 - 125
Cadmium	1.2		42.9	42.4		mg/Kg	☼	96	75 - 125
Calcium	33000	B	2150	27900	4	mg/Kg	☼	-253	75 - 125
Chromium	13		42.9	62.1		mg/Kg	☼	114	75 - 125
Cobalt	3.0		42.9	44.5		mg/Kg	☼	97	75 - 125
Copper	27		42.9	69.7		mg/Kg	☼	101	75 - 125
Iron	7500	B	2150	7690	F	mg/Kg	☼	9	75 - 125
Lead	91		42.9	133		mg/Kg	☼	97	75 - 125
Magnesium	2900	B	2150	4160	F	mg/Kg	☼	58	75 - 125
Manganese	160		42.9	150	F	mg/Kg	☼	-23	75 - 125
Nickel	11		42.9	51.4		mg/Kg	☼	95	75 - 125
Potassium	640		2150	2650		mg/Kg	☼	94	75 - 125
Selenium	ND		42.9	40.5		mg/Kg	☼	94	75 - 125
Silver	ND		10.7	10.1		mg/Kg	☼	94	75 - 125
Sodium	79	J	2150	2170		mg/Kg	☼	97	75 - 125
Thallium	ND		42.9	39.6		mg/Kg	☼	92	75 - 125
Vanadium	14		42.9	51.1		mg/Kg	☼	86	75 - 125
Zinc	200	B	42.9	293	4	mg/Kg	☼	207	75 - 125

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 82269

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	4700		2050	6990		mg/Kg	☼	113	75 - 125	12	20
Antimony	0.77	J	40.9	36.4		mg/Kg	☼	87	75 - 125	8	20
Arsenic	3.3		40.9	41.7		mg/Kg	☼	94	75 - 125	6	20
Barium	51		40.9	96.0		mg/Kg	☼	109	75 - 125	15	20
Beryllium	0.31		40.9	39.7		mg/Kg	☼	97	75 - 125	7	20
Cadmium	1.2		40.9	39.6		mg/Kg	☼	94	75 - 125	7	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25484-11 MSD — **Client Sample ID: NS-SS-SS-11-(0.25)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82269 — **Prep Batch: 81806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	33000	B	2040	47800	4 F	mg/Kg	☼	707	75 - 125	53	20
Chromium	13		40.9	51.4		mg/Kg	☼	93	75 - 125	19	20
Cobalt	3.0		40.9	42.6		mg/Kg	☼	97	75 - 125	4	20
Copper	27		40.9	69.4		mg/Kg	☼	105	75 - 125	0	20
Iron	7500	B	2040	8620	F	mg/Kg	☼	54	75 - 125	11	20
Lead	91		40.9	133		mg/Kg	☼	103	75 - 125	0	20
Magnesium	2900	B	2040	12200	F	mg/Kg	☼	457	75 - 125	99	20
Manganese	160		40.9	154	F	mg/Kg	☼	-14	75 - 125	3	20
Nickel	11		40.9	50.5		mg/Kg	☼	97	75 - 125	2	20
Potassium	640		2050	2680		mg/Kg	☼	100	75 - 125	1	20
Selenium	ND		40.9	38.5		mg/Kg	☼	94	75 - 125	5	20
Silver	ND		10.2	9.73		mg/Kg	☼	95	75 - 125	4	20
Sodium	79	J	2050	2040		mg/Kg	☼	96	75 - 125	6	20
Thallium	ND		40.9	36.9		mg/Kg	☼	90	75 - 125	7	20
Vanadium	14		40.9	49.9		mg/Kg	☼	87	75 - 125	2	20
Zinc	200	B	40.9	299	4	mg/Kg	☼	230	75 - 125	2	20

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-82336/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82486 — **Prep Batch: 82336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/26/12 11:40	09/26/12 22:05	1
Barium	ND		0.0020	0.00070	mg/L		09/26/12 11:40	09/26/12 22:05	1
Cadmium	ND		0.0010	0.00050	mg/L		09/26/12 11:40	09/26/12 22:05	1
Chromium	ND		0.0040	0.0010	mg/L		09/26/12 11:40	09/26/12 22:05	1
Lead	ND		0.0050	0.0030	mg/L		09/26/12 11:40	09/26/12 22:05	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 11:40	09/26/12 22:05	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 11:40	09/26/12 22:05	1

Lab Sample ID: LCS 480-82336/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82486 — **Prep Batch: 82336**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.11		mg/L		111	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Cadmium	1.00	1.06		mg/L		106	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Selenium	1.00	1.07		mg/L		107	80 - 120
Silver	1.00	1.10		mg/L		110	80 - 120

Method: 6010B - TCLP RCRA Metals (Continued)

Lab Sample ID: LB 480-82073/1-B LB
Matrix: Solid
Analysis Batch: 82486

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 82336

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/26/12 11:40	09/26/12 22:03	1
Barium	0.0365		0.0020	0.00070	mg/L		09/26/12 11:40	09/26/12 22:03	1
Cadmium	ND		0.0010	0.00050	mg/L		09/26/12 11:40	09/26/12 22:03	1
Chromium	0.00169	J	0.0040	0.0010	mg/L		09/26/12 11:40	09/26/12 22:03	1
Lead	ND		0.0050	0.0030	mg/L		09/26/12 11:40	09/26/12 22:03	1
Selenium	ND		0.015	0.0087	mg/L		09/26/12 11:40	09/26/12 22:03	1
Silver	ND		0.0030	0.0017	mg/L		09/26/12 11:40	09/26/12 22:03	1

Lab Sample ID: 480-25484-6 MS
Matrix: Solid
Analysis Batch: 82486

Client Sample ID: NS-SS-SS-6-(0.25)
Prep Type: TCLP
Prep Batch: 82336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.17		mg/L		117	75 - 125
Barium	0.54	B	1.00	1.57		mg/L		104	75 - 125
Cadmium	0.016		1.00	1.14		mg/L		112	75 - 125
Chromium	0.0045	B	1.00	1.04		mg/L		104	75 - 125
Lead	0.13		1.00	1.20		mg/L		107	75 - 125
Selenium	ND		1.00	1.12		mg/L		112	75 - 125
Silver	ND		1.00	1.16		mg/L		116	75 - 125

Lab Sample ID: 480-25484-6 MSD
Matrix: Solid
Analysis Batch: 82486

Client Sample ID: NS-SS-SS-6-(0.25)
Prep Type: TCLP
Prep Batch: 82336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.13		mg/L		113	75 - 125	3	20
Barium	0.54	B	1.00	1.52		mg/L		98	75 - 125	4	20
Cadmium	0.016		1.00	1.10		mg/L		109	75 - 125	3	20
Chromium	0.0045	B	1.00	1.01		mg/L		101	75 - 125	3	20
Lead	0.13		1.00	1.16		mg/L		104	75 - 125	3	20
Selenium	ND		1.00	1.08		mg/L		108	75 - 125	3	20
Silver	ND		1.00	1.13		mg/L		113	75 - 125	3	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-82344/2-A
Matrix: Solid
Analysis Batch: 82475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 12:00	09/26/12 15:38	1

Lab Sample ID: LCS 480-82344/3-A
Matrix: Solid
Analysis Batch: 82475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00625		mg/L		94	80 - 120

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: LB 480-82073/1-C LB
Matrix: Solid
Analysis Batch: 82475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 82344

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/26/12 12:00	09/26/12 15:36	1

Lab Sample ID: 480-25484-6 MS
Matrix: Solid
Analysis Batch: 82475

Client Sample ID: NS-SS-SS-6-(0.25)
Prep Type: TCLP
Prep Batch: 82344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00051		0.00668	0.00650		mg/L		90	75 - 125

Lab Sample ID: 480-25484-6 MSD
Matrix: Solid
Analysis Batch: 82475

Client Sample ID: NS-SS-SS-6-(0.25)
Prep Type: TCLP
Prep Batch: 82344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00051		0.00668	0.00655		mg/L		91	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-81926/1-A
Matrix: Solid
Analysis Batch: 81953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0076	mg/Kg		09/24/12 10:30	09/24/12 12:00	1

Lab Sample ID: LCSSRM 480-81926/2-A
Matrix: Solid
Analysis Batch: 81953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81926

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	3.10		mg/Kg		82.2	71.6 - 128.4

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 81953

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.43		0.362	0.552	F	mg/Kg	☼	33	75 - 125

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 81953

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 81926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.43		0.373	0.497	F	mg/Kg	☼	18	75 - 125	10	20

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-85296/1
Matrix: Solid
Analysis Batch: 85296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	79.00		Degrees F		98	97.5 - 102.5

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-82006/2-A
Matrix: Solid
Analysis Batch: 82132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82006

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.84	0.41	mg/Kg		09/24/12 19:58	09/25/12 10:09	1

Lab Sample ID: LCS 480-82006/1-A
Matrix: Solid
Analysis Batch: 82132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82006

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	25.6	20.6		mg/Kg		80	29 - 122

Lab Sample ID: 480-25484-11 MS
Matrix: Solid
Analysis Batch: 82132

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 82006

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		9.60	9.99		mg/Kg	☼	104	85 - 115

Lab Sample ID: 480-25484-11 MSD
Matrix: Solid
Analysis Batch: 82132

Client Sample ID: NS-SS-SS-11-(0.25)
Prep Type: Total/NA
Prep Batch: 82006

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		10.3	9.90		mg/Kg	☼	96	85 - 115	1	15

Lab Sample ID: MB 480-82233/1-A
Matrix: Solid
Analysis Batch: 82246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 82233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.98	0.48	mg/Kg		09/25/12 15:30	09/26/12 02:33	1

Lab Sample ID: LCS 480-82233/2-A
Matrix: Solid
Analysis Batch: 82246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	25.6	23.7		mg/Kg		93	29 - 122

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 480-25484-8 MS — **Client Sample ID: NS-SS-SS-8-(0)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82246 — **Prep Batch: 82233**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		11.8	11.3		mg/Kg	☼	96	85 - 115

Lab Sample ID: 480-25484-6 DU — **Client Sample ID: NS-SS-SS-6-(0.25)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 82246 — **Prep Batch: 82233**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	1.2		1.20		mg/Kg	☼	1	15

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 490-27894/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 28080 — **Prep Batch: 27894**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	ND		50	35	mg/Kg		10/11/12 08:00	10/12/12 10:02	1

Lab Sample ID: LCS 490-27894/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 28080 — **Prep Batch: 27894**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1040	1090		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 490-27894/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 28080 — **Prep Batch: 27894**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	1040	998		mg/Kg		96	90 - 110	9	20

Lab Sample ID: 480-25484-6 MS — **Client Sample ID: NS-SS-SS-6-(0.25)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 28080 — **Prep Batch: 27894**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	ND		1270	1250		mg/Kg	☼	98	70 - 130

Lab Sample ID: 480-25484-6 MSD — **Client Sample ID: NS-SS-SS-6-(0.25)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 28080 — **Prep Batch: 27894**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	ND		1270	1230		mg/Kg	☼	97	70 - 130	2	20

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Leach Batch: 82162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
480-25484-11 MS	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
LB 480-82162/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 82357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	8260B	82162
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	8260B	82162
480-25484-11 MS	NS-SS-SS-11-(0.25)	TCLP	Solid	8260B	82162
480-25484-11 MSD	NS-SS-SS-11-(0.25)	TCLP	Solid	8260B	82162
LB 480-82162/1-A LB	Method Blank	TCLP	Solid	8260B	82162
LCS 480-82357/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-82357/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 82609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	5035	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	5035	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	5035	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	5035	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	5035	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	5035	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	5035	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	5035	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	5035	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	5035	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	5035	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	5035	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	5035	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	5035	

Analysis Batch: 82692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	8260B	82609
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	8260B	82609
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	8260B	82609
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	8260B	82609
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	8260B	82609
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	8260B	82609
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	8260B	82609
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	8260B	82609
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	8260B	82609
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	8260B	82609
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	8260B	82609
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	8260B	82609
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	8260B	82609
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	8260B	82609
LCS 480-82692/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-82692/6	Method Blank	Total/NA	Solid	8260B	

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Prep Batch: 45528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	3550C	
480-25484-1 - RA	NS-SS-SS-1-(0)	Total/NA	Solid	3550C	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	3550C	
480-25484-2 - RA	NS-SS-SS-2-(0)	Total/NA	Solid	3550C	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	3550C	
480-25484-3 - RA	NS-SS-SS-3-(0)	Total/NA	Solid	3550C	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	3550C	
480-25484-4 - RA	NS-SS-SS-4-(0)	Total/NA	Solid	3550C	
480-25484-5 - DL	NS-SS-SS-5-(0.25)	Total/NA	Solid	3550C	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	3550C	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	3550C	
480-25484-6 - DL	NS-SS-SS-6-(0.25)	Total/NA	Solid	3550C	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	3550C	
480-25484-7 - RA	NS-SS-SS-7-(0.25)	Total/NA	Solid	3550C	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	3550C	
480-25484-8 - RA	NS-SS-SS-8-(0)	Total/NA	Solid	3550C	
480-25484-9 - DL	NS-SS-SS-9-(0.25)	Total/NA	Solid	3550C	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	3550C	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	3550C	
480-25484-10 - RA	NS-SS-SS-10-(0.25)	Total/NA	Solid	3550C	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550C	
480-25484-11 - RA	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550C	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550C	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550C	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	3550C	
480-25484-12 - RA	NS-SS-SS-12-(0)	Total/NA	Solid	3550C	
LCS 200-45528/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 200-45528/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 46062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	8270D	45528
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	8270D	45528
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	8270D	45528
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	8270D	45528
480-25484-5 - DL	NS-SS-SS-5-(0.25)	Total/NA	Solid	8270D	45528
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	8270D	45528
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	8270D	45528
480-25484-9 - DL	NS-SS-SS-9-(0.25)	Total/NA	Solid	8270D	45528
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	8270D	45528
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	8270D	45528
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	8270D	45528
LCS 200-45528/2-A	Lab Control Sample	Total/NA	Solid	8270D	45528
MB 200-45528/1-A	Method Blank	Total/NA	Solid	8270D	45528

Analysis Batch: 46069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1 - RA	NS-SS-SS-1-(0)	Total/NA	Solid	8270D	45528
480-25484-2 - RA	NS-SS-SS-2-(0)	Total/NA	Solid	8270D	45528
480-25484-3 - RA	NS-SS-SS-3-(0)	Total/NA	Solid	8270D	45528
480-25484-4 - RA	NS-SS-SS-4-(0)	Total/NA	Solid	8270D	45528
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	8270D	45528

GC/MS Semi VOA (Continued)

Analysis Batch: 46069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	8270D	45528
480-25484-7 - RA	NS-SS-SS-7-(0.25)	Total/NA	Solid	8270D	45528
480-25484-8 - RA	NS-SS-SS-8-(0)	Total/NA	Solid	8270D	45528
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	8270D	45528
480-25484-10 - RA	NS-SS-SS-10-(0.25)	Total/NA	Solid	8270D	45528
480-25484-11 - RA	NS-SS-SS-11-(0.25)	Total/NA	Solid	8270D	45528
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	8270D	45528
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	8270D	45528
480-25484-12 - RA	NS-SS-SS-12-(0)	Total/NA	Solid	8270D	45528
MB 200-45528/1-A	Method Blank	Total/NA	Solid	8270D	45528

Analysis Batch: 46072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6 - DL	NS-SS-SS-6-(0.25)	Total/NA	Solid	8270D	45528

Leach Batch: 82073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
LB 480-82073/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 82476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	3510C	82073
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	3510C	82073
LB 480-82073/1-D LB	Method Blank	TCLP	Solid	3510C	82073
LCS 480-82476/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-82476/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-82476/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 82825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	8270C	82476
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	8270C	82476
LB 480-82073/1-D LB	Method Blank	TCLP	Solid	8270C	82476
LCS 480-82476/2-A	Lab Control Sample	Total/NA	Solid	8270C	82476
LCSD 480-82476/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	82476
MB 480-82476/1-A	Method Blank	Total/NA	Solid	8270C	82476

GC Semi VOA

Prep Batch: 81904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	3550B	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	3550B	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	3550B	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	3550B	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	3550B	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	3550B	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	3550B	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	3550B	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 81904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	3550B	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550B	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550B	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	3550B	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	3550B	
LCS 480-81904/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-81904/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 82020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	8082	81904
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	8082	81904
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	8082	81904
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	8082	81904
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	8082	81904
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	8082	81904
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	8082	81904
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	8082	81904
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	8082	81904
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	8082	81904
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	8082	81904
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	8082	81904
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	8082	81904
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	8082	81904
LCS 480-81904/2-A	Lab Control Sample	Total/NA	Solid	8082	81904
MB 480-81904/1-A	Method Blank	Total/NA	Solid	8082	81904

Leach Batch: 82073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
LB 480-82073/1-E LB	Method Blank	TCLP	Solid	1311	
LB 480-82073/1-F LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 82481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	3510C	82073
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	3510C	82073
LB 480-82073/1-E LB	Method Blank	TCLP	Solid	3510C	82073
LCS 480-82481/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-82481/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-82481/1-A	Method Blank	Total/NA	Solid	3510C	

Prep Batch: 82755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	8151A	82073
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	8151A	82073
LB 480-82073/1-F LB	Method Blank	TCLP	Solid	8151A	82073
LCS 480-82755/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-82755/1-A	Method Blank	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Analysis Batch: 82830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	8081A	82481
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	8081A	82481
LB 480-82073/1-E LB	Method Blank	TCLP	Solid	8081A	82481
LCS 480-82481/2-A	Lab Control Sample	Total/NA	Solid	8081A	82481
LCSD 480-82481/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	82481
MB 480-82481/1-A	Method Blank	Total/NA	Solid	8081A	82481

Analysis Batch: 83539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	8151	82755
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	8151	82755
LB 480-82073/1-F LB	Method Blank	TCLP	Solid	8151	82755
LCS 480-82755/2-A	Lab Control Sample	Total/NA	Solid	8151	82755
MB 480-82755/1-A	Method Blank	Total/NA	Solid	8151	82755

Metals

Analysis Batch: 79453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	1110A	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	1110A	
480-25484-11 DU	NS-SS-SS-11-(0.25)	Total/NA	Solid	1110A	
MB 560-79453/1	Method Blank	Total/NA	Solid	1110A	

Prep Batch: 81806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	3050B	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	3050B	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	3050B	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	3050B	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	3050B	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	3050B	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	3050B	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	3050B	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	3050B	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	3050B	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	3050B	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	3050B	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	3050B	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	3050B	
LCSSRM 480-81806/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-81806/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 81926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	7471A	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	7471A	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	7471A	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	7471A	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	7471A	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	7471A	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 81926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	7471A	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	7471A	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	7471A	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	7471A	
LCSSRM 480-81926/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-81926/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 81953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	7471A	81926
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	7471A	81926
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	7471A	81926
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	7471A	81926
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	7471A	81926
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	7471A	81926
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	7471A	81926
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	7471A	81926
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	7471A	81926
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	7471A	81926
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	81926
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	81926
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	7471A	81926
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	7471A	81926
LCSSRM 480-81926/2-A	Lab Control Sample	Total/NA	Solid	7471A	81926
MB 480-81926/1-A	Method Blank	Total/NA	Solid	7471A	81926

Leach Batch: 82073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-6 MS	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-6 MSD	NS-SS-SS-6-(0.25)	TCLP	Solid	1311	
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	1311	
LB 480-82073/1-B LB	Method Blank	TCLP	Solid	1311	
LB 480-82073/1-C LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 82269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	6010B	81806
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	6010B	81806
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	6010B	81806
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	6010B	81806
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	6010B	81806
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	6010B	81806
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	6010B	81806
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	6010B	81806
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	6010B	81806
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	6010B	81806
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	6010B	81806
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	6010B	81806

Metals (Continued)

Analysis Batch: 82269 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	6010B	81806
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	6010B	81806
LCSSRM 480-81806/2-A	Lab Control Sample	Total/NA	Solid	6010B	81806
MB 480-81806/1-A	Method Blank	Total/NA	Solid	6010B	81806

Prep Batch: 82336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	3010A	82073
480-25484-6 MS	NS-SS-SS-6-(0.25)	TCLP	Solid	3010A	82073
480-25484-6 MSD	NS-SS-SS-6-(0.25)	TCLP	Solid	3010A	82073
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	3010A	82073
LB 480-82073/1-B LB	Method Blank	TCLP	Solid	3010A	82073
LCS 480-82336/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-82336/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 82344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82073
480-25484-6 MS	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82073
480-25484-6 MSD	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82073
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	7470A	82073
LB 480-82073/1-C LB	Method Blank	TCLP	Solid	7470A	82073
LCS 480-82344/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-82344/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 82475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82344
480-25484-6 MS	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82344
480-25484-6 MSD	NS-SS-SS-6-(0.25)	TCLP	Solid	7470A	82344
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	7470A	82344
LB 480-82073/1-C LB	Method Blank	TCLP	Solid	7470A	82344
LCS 480-82344/3-A	Lab Control Sample	Total/NA	Solid	7470A	82344
MB 480-82344/2-A	Method Blank	Total/NA	Solid	7470A	82344

Analysis Batch: 82486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	TCLP	Solid	6010B	82336
480-25484-6 MS	NS-SS-SS-6-(0.25)	TCLP	Solid	6010B	82336
480-25484-6 MSD	NS-SS-SS-6-(0.25)	TCLP	Solid	6010B	82336
480-25484-11	NS-SS-SS-11-(0.25)	TCLP	Solid	6010B	82336
LB 480-82073/1-B LB	Method Blank	TCLP	Solid	6010B	82336
LCS 480-82336/3-A	Lab Control Sample	Total/NA	Solid	6010B	82336
MB 480-82336/2-A	Method Blank	Total/NA	Solid	6010B	82336

General Chemistry

Prep Batch: 27894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	
480-25484-6 MS	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	
480-25484-6 MSD	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	

General Chemistry (Continued)

Prep Batch: 27894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	9023	
LCS 490-27894/1-A	Lab Control Sample	Total/NA	Solid	9023	
LCSD 490-27894/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	
MB 490-27894/3-A	Method Blank	Total/NA	Solid	9023	

Analysis Batch: 28080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	27894
480-25484-6 MS	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	27894
480-25484-6 MSD	NS-SS-SS-6-(0.25)	Total/NA	Solid	9023	27894
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	9023	27894
LCS 490-27894/1-A	Lab Control Sample	Total/NA	Solid	9023	27894
LCSD 490-27894/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	27894
MB 490-27894/3-A	Method Blank	Total/NA	Solid	9023	27894

Analysis Batch: 81990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	Moisture	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	Moisture	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	Moisture	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	Moisture	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	Moisture	
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	Moisture	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	Moisture	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	Moisture	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	Moisture	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	Moisture	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	Moisture	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	Moisture	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	Moisture	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	Moisture	

Prep Batch: 82006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	9012A	
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	9012A	
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	9012A	
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	9012A	
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	9012A	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	
LCS 480-82006/1-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-82006/2-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 82132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-1	NS-SS-SS-1-(0)	Total/NA	Solid	9012A	82006
480-25484-2	NS-SS-SS-2-(0)	Total/NA	Solid	9012A	82006
480-25484-3	NS-SS-SS-3-(0)	Total/NA	Solid	9012A	82006
480-25484-4	NS-SS-SS-4-(0)	Total/NA	Solid	9012A	82006
480-25484-5	NS-SS-SS-5-(0.25)	Total/NA	Solid	9012A	82006

General Chemistry (Continued)

Analysis Batch: 82132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	82006
480-25484-11 MS	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	82006
480-25484-11 MSD	NS-SS-SS-11-(0.25)	Total/NA	Solid	9012A	82006
LCS 480-82006/1-A	Lab Control Sample	Total/NA	Solid	9012A	82006
MB 480-82006/2-A	Method Blank	Total/NA	Solid	9012A	82006

Prep Batch: 82233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	9012A	
480-25484-6 DU	NS-SS-SS-6-(0.25)	Total/NA	Solid	9012A	
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	9012A	
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	9012A	
480-25484-8 MS	NS-SS-SS-8-(0)	Total/NA	Solid	9012A	
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	9012A	
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	9012A	
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	9012A	
LCS 480-82233/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-82233/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 82246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	9012A	82233
480-25484-6 DU	NS-SS-SS-6-(0.25)	Total/NA	Solid	9012A	82233
480-25484-7	NS-SS-SS-7-(0.25)	Total/NA	Solid	9012A	82233
480-25484-8	NS-SS-SS-8-(0)	Total/NA	Solid	9012A	82233
480-25484-8 MS	NS-SS-SS-8-(0)	Total/NA	Solid	9012A	82233
480-25484-9	NS-SS-SS-9-(0.25)	Total/NA	Solid	9012A	82233
480-25484-10	NS-SS-SS-10-(0.25)	Total/NA	Solid	9012A	82233
480-25484-12	NS-SS-SS-12-(0)	Total/NA	Solid	9012A	82233
LCS 480-82233/2-A	Lab Control Sample	Total/NA	Solid	9012A	82233
MB 480-82233/1-A	Method Blank	Total/NA	Solid	9012A	82233

Analysis Batch: 85296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25484-6	NS-SS-SS-6-(0.25)	Total/NA	Solid	1010	
480-25484-11	NS-SS-SS-11-(0.25)	Total/NA	Solid	1010	
LCS 480-85296/1	Lab Control Sample	Total/NA	Solid	1010	

Client Sample ID: NS-SS-SS-1-(0)

Lab Sample ID: 480-25484-1

Date Collected: 09/19/12 12:15
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 01:51	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 11:04	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 13:37	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 09:34	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:07	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:32	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:21	EGN	TAL BUF

Client Sample ID: NS-SS-SS-2-(0)

Lab Sample ID: 480-25484-2

Date Collected: 09/19/12 12:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 02:17	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 11:39	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 14:11	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 09:49	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:09	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:34	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:22	EGN	TAL BUF

Client Sample ID: NS-SS-SS-3-(0)

Lab Sample ID: 480-25484-3

Date Collected: 09/19/12 11:45
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 02:42	JMB	TAL BUF

Client Sample ID: NS-SS-SS-3-(0)

Lab Sample ID: 480-25484-3

Date Collected: 09/19/12 11:45
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 12:13	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 14:46	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 10:04	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:12	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:36	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:23	EGN	TAL BUF

Client Sample ID: NS-SS-SS-4-(0)

Lab Sample ID: 480-25484-4

Date Collected: 09/19/12 11:30
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 03:08	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 12:47	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 15:20	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 10:19	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:13	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:38	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:23	EGN	TAL BUF

Client Sample ID: NS-SS-SS-5-(0.25)

Lab Sample ID: 480-25484-5

Date Collected: 09/19/12 10:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 03:34	JMB	TAL BUF
Total/NA	Prep	3550C	DL		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	DL	2	46062	10/01/12 13:22	CPC	TAL BUR

Client Sample ID: NS-SS-SS-5-(0.25)

Lab Sample ID: 480-25484-5

Date Collected: 09/19/12 10:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46069	10/03/12 15:54	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 10:34	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		10	81953	09/24/12 13:13	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:41	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:24	EGN	TAL BUF

Client Sample ID: NS-SS-SS-6-(0.25)

Lab Sample ID: 480-25484-6

Date Collected: 09/19/12 10:15
Matrix: Solid
Date Received: 09/21/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			82162	09/25/12 13:51	TR	TAL BUF
TCLP	Analysis	8260B		10	82357	09/26/12 23:54	TRB	TAL BUF
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 03:59	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46069	10/03/12 16:29	CPC	TAL BUR
Total/NA	Prep	3550C	DL		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	DL	1.7	46072	10/07/12 12:00	CPC	TAL BUR
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	3510C			82476	09/27/12 06:43	TR	TAL BUF
TCLP	Analysis	8270C		1	82825	09/28/12 22:20	RMM	TAL BUF
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		20	82020	09/25/12 10:48	JM	TAL BUF
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	3510C			82481	09/27/12 07:15	TR	TAL BUF
TCLP	Analysis	8081A		1	82830	09/28/12 15:20	LW	TAL BUF
TCLP	Prep	8151A			82755	09/28/12 06:24	MZ	TAL BUF
TCLP	Analysis	8151		1	83539	10/03/12 13:14	MN	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		10	81953	09/24/12 13:15	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:43	LH	TAL BUF
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	7470A			82344	09/26/12 12:00	JRK	TAL BUF
TCLP	Analysis	7470A		1	82475	09/26/12 15:41	JRK	TAL BUF
TCLP	Prep	3010A			82336	09/26/12 11:40	JM	TAL BUF
TCLP	Analysis	6010B		1	82486	09/26/12 22:09	AH	TAL BUF
Total/NA	Analysis	1110A		1	79453	10/15/12 12:40	HMZ	TAL CC

Client Sample ID: NS-SS-SS-6-(0.25)

Lab Sample ID: 480-25484-6

Date Collected: 09/19/12 10:15

Matrix: Solid

Date Received: 09/21/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 03:15	PJQ	TAL BUF
Total/NA	Analysis	1010		1	85296	10/12/12 02:06	JB	TAL BUF
Total/NA	Prep	9023			27894	10/11/12 08:00	CLJ	TAL NSH
Total/NA	Analysis	9023		1	28080	10/12/12 10:02	SS	TAL NSH

Client Sample ID: NS-SS-SS-7-(0.25)

Lab Sample ID: 480-25484-7

Date Collected: 09/19/12 11:15

Matrix: Solid

Date Received: 09/21/12 09:00

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 04:24	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 14:30	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 17:03	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 11:03	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		10	81953	09/24/12 13:17	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:49	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 02:37	PJQ	TAL BUF

Client Sample ID: NS-SS-SS-8-(0)

Lab Sample ID: 480-25484-8

Date Collected: 09/19/12 12:45

Matrix: Solid

Date Received: 09/21/12 09:00

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 04:50	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 15:05	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 17:38	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 11:18	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:24	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF

Client Sample ID: NS-SS-SS-8-(0)

Lab Sample ID: 480-25484-8

Date Collected: 09/19/12 12:45
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	82269	09/25/12 13:51	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 02:38	PJQ	TAL BUF

Client Sample ID: NS-SS-SS-9-(0.25)

Lab Sample ID: 480-25484-9

Date Collected: 09/19/12 10:30
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 05:15	JMB	TAL BUF
Total/NA	Prep	3550C	DL		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	DL	5	46062	10/01/12 15:39	CPC	TAL BUR
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1.7	46069	10/03/12 18:13	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 12:02	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		10	81953	09/24/12 13:19	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:53	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 02:40	PJQ	TAL BUF

Client Sample ID: NS-SS-SS-10-(0.25)

Lab Sample ID: 480-25484-10

Date Collected: 09/19/12 11:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 05:41	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 16:13	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 18:48	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 12:17	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:28	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:55	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-10-(0.25)

Lab Sample ID: 480-25484-10

Date Collected: 09/19/12 11:00
Matrix: Solid
Date Received: 09/21/12 09:00
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 02:41	PJQ	TAL BUF

Client Sample ID: NS-SS-SS-11-(0.25)

Lab Sample ID: 480-25484-11

Date Collected: 09/19/12 10:45
Matrix: Solid
Date Received: 09/21/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			82162	09/25/12 13:51	TR	TAL BUF
TCLP	Analysis	8260B		10	82357	09/27/12 00:22	TRB	TAL BUF
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 06:06	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 16:48	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 19:23	CPC	TAL BUR
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	3510C			82476	09/27/12 06:43	TR	TAL BUF
TCLP	Analysis	8270C		1	82825	09/28/12 14:52	RMM	TAL BUF
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 12:32	JM	TAL BUF
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	3510C			82481	09/27/12 07:15	TR	TAL BUF
TCLP	Analysis	8081A		1	82830	09/28/12 16:01	LW	TAL BUF
TCLP	Prep	8151A			82755	09/28/12 06:24	MZ	TAL BUF
TCLP	Analysis	8151		1	83539	10/03/12 13:43	MN	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:30	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 13:57	LH	TAL BUF
TCLP	Leach	1311			82073	09/25/12 09:41	TR	TAL BUF
TCLP	Prep	7470A			82344	09/26/12 12:00	JRK	TAL BUF
TCLP	Analysis	7470A		1	82475	09/26/12 15:49	JRK	TAL BUF
TCLP	Prep	3010A			82336	09/26/12 11:40	JM	TAL BUF
TCLP	Analysis	6010B		1	82486	09/26/12 22:20	AH	TAL BUF
Total/NA	Analysis	1110A		1	79453	10/15/12 12:40	HMZ	TAL CC
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82006	09/24/12 19:58	LAW	TAL BUF
Total/NA	Analysis	9012A		1	82132	09/25/12 10:25	EGN	TAL BUF
Total/NA	Analysis	1010		1	85296	10/12/12 02:06	JB	TAL BUF
Total/NA	Prep	9023			27894	10/11/12 08:00	CLJ	TAL NSH
Total/NA	Analysis	9023		1	28080	10/12/12 10:02	SS	TAL NSH

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Client Sample ID: NS-SS-SS-12-(0)
Date Collected: 09/19/12 12:30
Date Received: 09/21/12 09:00

Lab Sample ID: 480-25484-12
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			82609	09/27/12 13:36	JMB	TAL BUF
Total/NA	Analysis	8260B		1	82692	09/28/12 07:23	JMB	TAL BUF
Total/NA	Prep	3550C			45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D		1	46062	10/01/12 17:22	CPC	TAL BUR
Total/NA	Prep	3550C	RA		45528	09/27/12 11:22	MLT	TAL BUR
Total/NA	Analysis	8270D	RA	1	46069	10/03/12 21:07	CPC	TAL BUR
Total/NA	Prep	3550B			81904	09/24/12 09:09	CM	TAL BUF
Total/NA	Analysis	8082		1	82020	09/25/12 13:16	JM	TAL BUF
Total/NA	Prep	7471A			81926	09/24/12 10:30	JRK	TAL BUF
Total/NA	Analysis	7471A		1	81953	09/24/12 12:37	JRK	TAL BUF
Total/NA	Prep	3050B			81806	09/24/12 10:40	SS	TAL BUF
Total/NA	Analysis	6010B		1	82269	09/25/12 14:08	LH	TAL BUF
Total/NA	Analysis	Moisture		1	81990	09/24/12 17:31	KK	TAL BUF
Total/NA	Prep	9012A			82233	09/25/12 15:30	ML	TAL BUF
Total/NA	Analysis	9012A		1	82246	09/26/12 02:44	PJQ	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Laboratory: TestAmerica Burlington

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
ACLASS	DoD ELAP		ADE-1492	10-22-12
Connecticut	State Program	1	PH-0751	09-30-13
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-24-13
Florida	NELAC	4	E87467	06-30-13
Louisiana	NELAC	6	176292	06-30-13
Maine	State Program	1	VT00008	04-17-13
Minnesota	NELAC	5	050-999-436	12-31-12
New Hampshire	NELAC	1	200610	12-18-12
New Jersey	NELAC	2	VT972	06-30-13
New York	NELAC	2	10391	04-01-13
Pennsylvania	NELAC	3	68-00489	04-30-13
Rhode Island	State Program	1	LAO00298	12-30-12
USDA	Federal		P330-11-00093	02-17-14
Vermont	State Program	1	VT-4000	12-31-12
Virginia	NELAC	3	460209	12-14-12

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Laboratory: TestAmerica Corpus Christi

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Kansas	NELAC	7	E-10362	10-31-12
Oklahoma	State Program	6	9968	08-31-13
Texas	NELAC	6	T104704210-12-8	03-31-13
USDA	Federal		P330-11-00060	02-03-14

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA110014	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAC	1	2963	10-09-13
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wyoming (UST)	A2LA	8	453.07	12-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8260B	TCLP Volatiles	SW846	TAL BUF
8270C	TCLP Semivolatiles	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUR
8081A	TCLP Pesticides	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151	TCLP Herbicides	SW846	TAL BUF
1110A	Corrosivity Toward Steel	SW846	TAL CC
6010B	Metals (ICP)	SW846	TAL BUF
6010B	TCLP RCRA Metals	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
9023	Organic Halides, Extractable (EOX)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25484-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25484-1	NS-SS-SS-1-(0)	Solid	09/19/12 12:15	09/21/12 09:00
480-25484-2	NS-SS-SS-2-(0)	Solid	09/19/12 12:00	09/21/12 09:00
480-25484-3	NS-SS-SS-3-(0)	Solid	09/19/12 11:45	09/21/12 09:00
480-25484-4	NS-SS-SS-4-(0)	Solid	09/19/12 11:30	09/21/12 09:00
480-25484-5	NS-SS-SS-5-(0.25)	Solid	09/19/12 10:00	09/21/12 09:00
480-25484-6	NS-SS-SS-6-(0.25)	Solid	09/19/12 10:15	09/21/12 09:00
480-25484-7	NS-SS-SS-7-(0.25)	Solid	09/19/12 11:15	09/21/12 09:00
480-25484-8	NS-SS-SS-8-(0)	Solid	09/19/12 12:45	09/21/12 09:00
480-25484-9	NS-SS-SS-9-(0.25)	Solid	09/19/12 10:30	09/21/12 09:00
480-25484-10	NS-SS-SS-10-(0.25)	Solid	09/19/12 11:00	09/21/12 09:00
480-25484-11	NS-SS-SS-11-(0.25)	Solid	09/19/12 10:45	09/21/12 09:00
480-25484-12	NS-SS-SS-12-(0)	Solid	09/19/12 12:30	09/21/12 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt _____
Drinking Water? Yes☐ No☐

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/20/12	Chain of Custody Number: 231738
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York	State: NY	Zip Code: 10081	Site Contact: Phillip Castellano	Lab Contact:
Project Name and Location (State): Nex Smelting	Carrier/Waybill Number:	Analysis (Attach list if more space is needed): TAL Metals 6010; Mercury 7470; Cyanide 9010; TCLP 8260; TCL VOC +10; TCL SVOC +20	Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TAL Metals 6010	Mercury 7470	Cyanide 9010	TCLP 8260	TCL VOC +10	TCL SVOC +20	Field Filtered
NS-SS-SS-1-(0)	9/19/12	1215				X	X						X	X	X	X	X	X	
NS-SS-SS-2-(0)		1200																	
NS-SS-SS-3-(0)		1145																	
NS-SS-SS-4-(0)		1130																	
NS-SS-SS-5-(0.25)		1000																	
NS-SS-SS-6-(0.25)		1015																	X
NS-SS-SS-7-(0.25)		1115																	
NS-SS-SS-8-(0)		1245																	
NS-SS-SS-9-(0.25)		1030																	
NS-SS-SS-10-(0.25)		1100																	
NS-SS-SS-11-(0.25)		1045																	X
NS-SS-SS-12-(0)		1230																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/20/12	1410	1. Received By	TAWK	9/20/12 1410
2. Relinquished By	9/20/12	1800	2. Received By		9/21/12 0900
3. Relinquished By			3. Received By		

Comments
410 #1

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/20/12	Chain of Custody Number: 231737
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number	Page _____ of _____
City: New York	State: NY	Zip Code: 10081	Site Contact: Phillip Castillo	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State): NCK Smelting	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TAL Metals 6010	Mercury 7470	Cyanide 9010	PCB 8082	TCL VOC 8260	TCL SVOC 8270
NS-SS-SS-11-(0.25)-MS	9/19/12	1045				X	X						X	X	X	X	X	X
NS-SS-SS-11-(0.25)-MSD	"	1045				X	X						X	X	X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/20/12	1410	1. Received By	9/20/12	1410
2. Relinquished By	9/20/12	1500	2. Received By	9/21/12	0900
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25484-1

Login Number: 25484

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robitaille, Zach L

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25484-1

Login Number: 25484
List Number: 1
Creator: Gagne, Eric

List Source: TestAmerica Burlington
List Creation: 09/26/12 02:37 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	487490 & 487489
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3ºC IR GUN ID 181. CF +0.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25484-1

Login Number: 25484
List Number: 1
Creator: McDermott, Vivian

List Source: TestAmerica Corpus Christi
List Creation: 10/13/12 12:48 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25484-1

Login Number: 25484
List Number: 1
Creator: McBride, Mike

List Source: TestAmerica Nashville
List Creation: 10/13/12 09:51 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-25085-1
Client Project/Site: NYSDEC: Former Ney Smelting Site
Revision: 1

For:
TRC Environmental Corporation
1430 Broadway, 10th FL
New York, New York 10018-3308

Attn: Mike Sherwwod

Melissa Deyo

Authorized for release by:
10/22/2012 3:08:57 PM

Melissa Deyo
Project Manager I
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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
E	Result exceeded calibration range.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-25085-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-25085-1

Receipt
The samples were received on 9/13/2012 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 3.0º C.

Except:

The chain of custody (COC) incorrectly has the TCLP parameters assigned to sample point NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5). As per client sample NS-SB/MW-7-SO-(1-3) (480-25085-7) should have the TCLP parameters assigned.

The client sample IDs do not match the Chain-of-Custody (COC). They were changed as per client request.

GC/MS VOA
Method 8260B: The following sample was analyzed at a reduced initial sample weight in order to bring the concentration of target analytes within the calibration range: NS-SB/MW-7-SO-(1-3) (480-25085-7 DL). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted due to the nature of the TCLP matrix: NS-SB/MW-7-SO-(1-3) (480-25085-7) and (LB 480-80886/1-A). Elevated reporting limits (RLs) are provided.

Method 8260B: The method blank for batch 80508 contained 2-Hexanone above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 80508 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: The continuing calibration verification (CCV) associated with batch 81278 contained an analyte outside control limits. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for six analytes to be outside limits; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The following samples were diluted due to the nature of the sample matrix: NS-SB/MW-1-SO-(1-3) (480-25085-1), NS-SB/MW-5-SO-(1-3) (480-25085-3), NS-SB/MW-5-SO-(7.5-9.5)-MS (480-25085-4 MS), NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5), NS-SB/MW-6-SO-(10-11) (480-25085-6), NS-SB/MW-7-SO-(8-10) (480-25085-8) and NS-SB/MW-2-SO-(1-3) (480-25085-9). As such, surrogate recoveries were reduced to a level in which they do not provide useful information. Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample contained one acid and/or one base surrogate outside acceptance limits: NS-SB/MW-1-SO-(10-11.5) (480-25085-2). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8270C: The matrix spike (MS) recoveries for preparation batch 80638 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 80638 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8270C: The analytes 3-Methylphenol and 4-Methylphenol co-elute and cannot be analytically separated. The reported concentrations for these analytes are a total rather than individual quantitated value. Since these analytes co-elute, only 4-Methylphenol was calibrated for in the calibration data.

Method 8270C: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch

Job ID: 480-25085-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

81475: 4-Nitrophenol. This compound is not classified as a Calibration Check Compound (CCC) in the reference method. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for four analytes to be outside limits; therefore, the data has been reported.

No other analytical or quality issues were noted.

GC Semi VOA

Method 8081A: All primary data was reported from the RTX-CLPI column.

Method 8081A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: All primary data was reported from the ZB-35 column.

Method 8082: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method 8082: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-80733/43), (CCV 480-81193/48) and (CCV 480-81193/59) for Tetrachloro-m-xylene exceeded 15% on the ZB-35 column, indicating a high bias.

Method 8082: The percent difference in the associated continuing calibration verification (CCV 480-80733/20) for PCB-1016 exceeded 15% on the ZB-35 column, indicating a high bias. Associated samples are non-detect for this analyte, the data was unaffected.

Method 8151A: All primary data was reported from the STX-CLPI column.

Method 8151A: Surrogate recoveries for the following samples were outside control limits: NS-SB/MW-7-SO-(1-3) (480-25085-7) and (LB 480-80843/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide extraction procedure.

No other analytical or quality issues were noted.

Metals

Method 6010B: The following sample was diluted to bring the concentration of target analyte Zinc within the linear range: NS-SB/MW-5-SO-(1-3) (480-25085-3). Elevated reporting limits (RLs) are provided.

Method 6010B: The following sample was diluted for Antimony due to the nature of the sample matrix: NS-SB/MW-6-SO-(0.5-2.5) (480-25085-5). Elevated reporting limits (RLs) are provided.

Method 6010B: The method blank for preparation batch 80569 contained Calcium, Magnesium, Sodium and Zinc above the method detection limits. These target analyte concentrations were less than the reporting limits (RLs); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010B: The matrix spike / matrix spike duplicate recoveries and precision for preparation batch 80569 were outside control limits. Non-homogeneity of the sample matrix was suspected. The associated laboratory control sample (LCSSRM) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Barium above the reporting limit (RL). The associated sample contained a detection for this analyte at a concentration greater than 10 times the value found in the TCLP leachate blank; therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The TCLP leachate blank (LB 480-80843/1-B) for preparation batch 81089 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 6010B: The method blank for TCLP preparation batch 81089 contained Barium above the method detection limit. This target

Job ID: 480-25085-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of sample was not performed.

Method 7471A: The following samples were diluted to bring the concentration of the target analyte Mercury within the calibration range: NS-SB/MW-5-SO-(1-3) (480-25085-3), NS-SB/MW-7-SO-(8-10) (480-25085-8), NS-SB/MW-2-SO-(1-3) (480-25085-9) and NS-SB/MW-2-SO-(10-11) (480-25085-10). Elevated reporting limits (RLs) are provided.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Mercury in preparation batch 80574 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, no corrective action was necessary.

Method 7471A: The serial dilution (480-25085-4 SD) exceeded the quality control limits for Mercury. Sample matrix was suspected; therefore, no corrective action was necessary.

No other analytical or quality issues were noted.

General Chemistry

Method 9012A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 81401 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

Method 3550B: The following sample appearance looked different from the associated matrix spike and matrix spike duplicate samples: NS-SB/MW-5-SO-(7.5-9.5) (480-25085-4).

No other analytical or quality issues were noted.

Client Sample ID: NS-SB/MW-1-SO-(1-3) — Lab Sample ID: 480-25085-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		5.5	0.74	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	340	J	3700	230	ug/Kg	20	☼	8270C	Total/NA
2-Methylnaphthalene	1300	J	3700	45	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	3200	J	3700	43	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	460	J	3700	30	ug/Kg	20	☼	8270C	Total/NA
Anthracene	8300		3700	94	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	17000		3700	64	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	17000		3700	89	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	20000		3700	71	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	5200		3700	44	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	10000		3700	41	ug/Kg	20	☼	8270C	Total/NA
Carbazole	4200		3700	43	ug/Kg	20	☼	8270C	Total/NA
Chrysene	17000		3700	37	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	2500	J	3700	38	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	40000		3700	53	ug/Kg	20	☼	8270C	Total/NA
Fluorene	2000	J	3700	85	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	6300		3700	100	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	2600	J	3700	61	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	35000		3700	77	ug/Kg	20	☼	8270C	Total/NA
Pyrene	28000		3700	24	ug/Kg	20	☼	8270C	Total/NA
Aluminum	6100		12	5.2	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.8	J	18	0.64	mg/Kg	1	☼	6010B	Total/NA
Arsenic	24		2.4	0.47	mg/Kg	1	☼	6010B	Total/NA
Barium	360		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.50		0.24	0.033	mg/Kg	1	☼	6010B	Total/NA
Cadmium	4.3		0.24	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	21000	B	59	3.9	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.8		0.59	0.059	mg/Kg	1	☼	6010B	Total/NA
Copper	170		1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1400		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2700	B	24	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	210		0.24	0.038	mg/Kg	1	☼	6010B	Total/NA
Nickel	19		5.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	870		35	24	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.90	J	4.7	0.67	mg/Kg	1	☼	6010B	Total/NA
Silver	1.6		0.59	0.24	mg/Kg	1	☼	6010B	Total/NA
Sodium	430	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	51		0.59	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	870	B	2.4	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.70		0.022	0.0087	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	0.76	J	1.1	0.53	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-1-SO-(10-11.5) — Lab Sample ID: 480-25085-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.7	J	31	2.3	ug/Kg	1	☼	8260B	Total/NA
Acetone	58		31	5.2	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	13		6.2	0.84	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	31	J	210	13	ug/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	110	J	210	2.6	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	350		210	2.5	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-1-SO-(10-11.5) (Continued) — Lab Sample ID: 480-25085-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	66	J	210	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	790		210	5.4	ug/Kg	1	☼	8270C	Total/NA
Benzaldehyde	43	J	210	23	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	1900		210	3.7	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1800		210	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	2400		210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	460		210	2.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	940		210	2.3	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	190	J	210	68	ug/Kg	1	☼	8270C	Total/NA
Carbazole	340		210	2.5	ug/Kg	1	☼	8270C	Total/NA
Chrysene	1800		210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	230		210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	4100		210	3.1	ug/Kg	1	☼	8270C	Total/NA
Fluorene	280		210	4.9	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	510		210	5.9	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	190	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	2900		210	4.5	ug/Kg	1	☼	8270C	Total/NA
Pyrene	2800		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	8000		13	5.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	28		2.6	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	85		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.53		0.26	0.036	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25	J	0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	12000	B	64	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		0.64	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.6		0.64	0.064	mg/Kg	1	☼	6010B	Total/NA
Copper	44		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	180		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3400	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	270		0.26	0.041	mg/Kg	1	☼	6010B	Total/NA
Nickel	28		6.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	910		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.2	J	5.1	0.73	mg/Kg	1	☼	6010B	Total/NA
Sodium	200	B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		0.64	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	150	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	1.1		0.026	0.011	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(1-3) — Lab Sample ID: 480-25085-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		6.3	0.84	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	480	J	4200	51	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	2800	J	4200	49	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	360	J	4200	34	ug/Kg	20	☼	8270C	Total/NA
Anthracene	10000		4200	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	31000		4200	73	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	28000		4200	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	33000		4200	82	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	6400		4200	50	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	17000		4200	46	ug/Kg	20	☼	8270C	Total/NA
Carbazole	1700	J	4200	49	ug/Kg	20	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	33000		4200	42	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	1500	J	4200	44	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	63000		4200	61	ug/Kg	20	☼	8270C	Total/NA
Fluorene	1600	J	4200	97	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	7200		4200	120	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	650	J	4200	70	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	36000		4200	88	ug/Kg	20	☼	8270C	Total/NA
Pyrene	48000		4200	27	ug/Kg	20	☼	8270C	Total/NA
Aluminum	3100		13	5.6	mg/Kg	1	☼	6010B	Total/NA
Antimony	25		19	0.68	mg/Kg	1	☼	6010B	Total/NA
Arsenic	62		2.5	0.51	mg/Kg	1	☼	6010B	Total/NA
Barium	320		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.42		0.25	0.035	mg/Kg	1	☼	6010B	Total/NA
Cadmium	110		0.25	0.038	mg/Kg	1	☼	6010B	Total/NA
Calcium	5200	B	63	4.2	mg/Kg	1	☼	6010B	Total/NA
Chromium	28		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.6		0.63	0.063	mg/Kg	1	☼	6010B	Total/NA
Copper	1500		1.3	0.27	mg/Kg	1	☼	6010B	Total/NA
Iron	91000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	3500		1.3	0.30	mg/Kg	1	☼	6010B	Total/NA
Magnesium	900	B	25	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	190		0.25	0.040	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		6.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Potassium	1400		38	25	mg/Kg	1	☼	6010B	Total/NA
Selenium	7.5		5.1	0.72	mg/Kg	1	☼	6010B	Total/NA
Silver	1.7		0.63	0.25	mg/Kg	1	☼	6010B	Total/NA
Sodium	540	B	180	16	mg/Kg	1	☼	6010B	Total/NA
Vanadium	26		0.63	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	6900	B	13	0.97	mg/Kg	5	☼	6010B	Total/NA
Mercury	7.7		0.51	0.21	mg/Kg	20	☼	7471A	Total/NA
Cyanide, Total	0.94	J	1.2	0.57	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5) — Lab Sample ID: 480-25085-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.5	J	6.0	0.80	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	24	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	44	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Anthracene	62	J	210	5.3	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	150	J	210	3.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	140	J	210	5.0	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	190	J	210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	32	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	86	J	210	2.3	ug/Kg	1	☼	8270C	Total/NA
Carbazole	41	J	210	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	170	J	210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	32	J	210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	300		210	3.0	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	39	J	210	5.8	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	82	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	430		210	4.4	ug/Kg	1	☼	8270C	Total/NA
Pyrene	300		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	10000		13	5.9	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5) (Continued)

Lab Sample ID: 480-25085-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.0		2.7	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	72		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Beryllium	1.0		0.27	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	14		0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Calcium	2100	B	67	4.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.8		0.67	0.067	mg/Kg	1	☼	6010B	Total/NA
Copper	18		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		13	1.5	mg/Kg	1	☼	6010B	Total/NA
Lead	490		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2900	B	27	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	260		0.27	0.043	mg/Kg	1	☼	6010B	Total/NA
Nickel	20		6.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100		40	27	mg/Kg	1	☼	6010B	Total/NA
Sodium	91	J B	190	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	23		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	1800	B	2.7	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.25		0.023	0.0094	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	270		6.9	0.93	ug/Kg	1	☼	8260B	Total/NA
Acenaphthene	310	J	4600	54	ug/Kg	20	☼	8270C	Total/NA
Anthracene	820	J	4600	120	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	1600	J	4600	80	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	1600	J	4600	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	1800	J	4600	89	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	450	J	4600	55	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	980	J	4600	51	ug/Kg	20	☼	8270C	Total/NA
Chrysene	1800	J	4600	46	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	1900	J	4600	67	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	500	J	4600	130	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	3800	J	4600	97	ug/Kg	20	☼	8270C	Total/NA
Pyrene	3100	J	4600	30	ug/Kg	20	☼	8270C	Total/NA
Aluminum	3800		13	5.9	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		2.7	0.54	mg/Kg	1	☼	6010B	Total/NA
Barium	250		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.32		0.27	0.038	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.51		0.27	0.040	mg/Kg	1	☼	6010B	Total/NA
Calcium	4100	B	67	4.4	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.8		0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Cobalt	12		0.67	0.067	mg/Kg	1	☼	6010B	Total/NA
Copper	310		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	63000		13	1.5	mg/Kg	1	☼	6010B	Total/NA
Lead	200		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	620	B	27	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	830		0.27	0.043	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		6.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Potassium	1400		40	27	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.8	J	5.4	0.77	mg/Kg	1	☼	6010B	Total/NA
Silver	0.38	J	0.67	0.27	mg/Kg	1	☼	6010B	Total/NA
Sodium	200	B	190	17	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5) (Continued)

Lab Sample ID: 480-25085-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	21		0.67	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	250	B	2.7	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.59		0.025	0.010	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	2.4		1.3	0.63	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18	J	30	5.0	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	51		6.0	0.80	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	230	J	2000	130	ug/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	790	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Acenaphthene	3200		2000	24	ug/Kg	10	☼	8270C	Total/NA
Acenaphthylene	110	J	2000	16	ug/Kg	10	☼	8270C	Total/NA
Anthracene	5800		2000	52	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	7400		2000	35	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	7100		2000	48	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	7700		2000	39	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	1700	J	2000	24	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	4100		2000	22	ug/Kg	10	☼	8270C	Total/NA
Carbazole	2200		2000	23	ug/Kg	10	☼	8270C	Total/NA
Chrysene	6800		2000	20	ug/Kg	10	☼	8270C	Total/NA
Dibenzofuran	2000		2000	21	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	19000		2000	29	ug/Kg	10	☼	8270C	Total/NA
Fluorene	2000		2000	46	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	1700	J	2000	56	ug/Kg	10	☼	8270C	Total/NA
Naphthalene	1700	J	2000	33	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	20000		2000	42	ug/Kg	10	☼	8270C	Total/NA
Pyrene	14000		2000	13	ug/Kg	10	☼	8270C	Total/NA
Aluminum	7400		12	5.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.5		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	210		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.41		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.47		0.23	0.035	mg/Kg	1	☼	6010B	Total/NA
Calcium	9000	B	58	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		0.58	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	6.6		0.58	0.058	mg/Kg	1	☼	6010B	Total/NA
Copper	100		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	17000		12	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	140		1.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2000	B	23	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	290		0.23	0.037	mg/Kg	1	☼	6010B	Total/NA
Nickel	13		5.8	0.27	mg/Kg	1	☼	6010B	Total/NA
Potassium	790		35	23	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.68	J	4.6	0.66	mg/Kg	1	☼	6010B	Total/NA
Sodium	180	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	18		0.58	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	600	B	2.3	0.18	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.28		0.023	0.0094	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Client Sample ID: NS-SB/MW-7-SO-(1-3) (Continued)

Lab Sample ID: 480-25085-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.042		0.010	0.0036	mg/L	10		8260B	TCLP
Methylene Chloride	10		6.1	2.8	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	350	E	6.1	0.81	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.8	J	6.1	1.3	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride - DL	15	J	31	14	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene - DL	690		31	4.2	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	72	J	200	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	320		200	2.4	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	63	J	200	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	740		200	5.2	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	1400		200	3.5	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	1300		200	4.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	1500		200	3.9	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	290		200	2.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(k)fluoranthene	770		200	2.2	ug/Kg	1	☼	8270C	Total/NA
Carbazole	290		200	2.3	ug/Kg	1	☼	8270C	Total/NA
Chrysene	1400		200	2.0	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	220		200	2.1	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	3300		200	2.9	ug/Kg	1	☼	8270C	Total/NA
Fluorene	270		200	4.7	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	310		200	5.6	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	130	J	200	3.4	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	2900		200	4.3	ug/Kg	1	☼	8270C	Total/NA
Pyrene	2300		200	1.3	ug/Kg	1	☼	8270C	Total/NA
Aluminum	4000		13	5.8	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.4	J	20	0.71	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		2.6	0.52	mg/Kg	1	☼	6010B	Total/NA
Barium	1300		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.32		0.26	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	2.7		0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	32000	B	66	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.7		0.66	0.066	mg/Kg	1	☼	6010B	Total/NA
Copper	490		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	16000		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	370		1.3	0.31	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1200	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	240		0.26	0.042	mg/Kg	1	☼	6010B	Total/NA
Nickel	88		6.6	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	590		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.1	J	5.2	0.75	mg/Kg	1	☼	6010B	Total/NA
Sodium	170	J B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	18		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	1100	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.040		0.010	0.0056	mg/L	1		6010B	TCLP
Barium	2.2	B	0.0020	0.00070	mg/L	1		6010B	TCLP
Cadmium	0.0018		0.0010	0.00050	mg/L	1		6010B	TCLP
Chromium	0.031	B	0.0040	0.0010	mg/L	1		6010B	TCLP
Lead	0.43		0.0050	0.0030	mg/L	1		6010B	TCLP
Mercury	0.0015		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	0.30		0.024	0.0099	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Reactive	55		10	0.0030	mg/Kg	1		9012	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-7

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity toward Steel	0.98		0.10	0.10	mm/year	1		1110A	Total/NA
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010	Total/NA
pH	7.94		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: NS-SB/MW-7-SO-(8-10) — Lab Sample ID: 480-25085-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	24	J	32	2.4	ug/Kg	1	☼	8260B	Total/NA
Acetone	110		32	5.5	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	2.3	J	6.5	0.87	ug/Kg	1	☼	8260B	Total/NA
Biphenyl	450	J	4400	270	ug/Kg	20	☼	8270C	Total/NA
2-Methylnaphthalene	1100	J	4400	53	ug/Kg	20	☼	8270C	Total/NA
Acenaphthene	5600		4400	51	ug/Kg	20	☼	8270C	Total/NA
Acenaphthylene	330	J	4400	36	ug/Kg	20	☼	8270C	Total/NA
Anthracene	11000		4400	110	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)anthracene	15000		4400	75	ug/Kg	20	☼	8270C	Total/NA
Benzo(a)pyrene	16000		4400	100	ug/Kg	20	☼	8270C	Total/NA
Benzo(b)fluoranthene	18000		4400	84	ug/Kg	20	☼	8270C	Total/NA
Benzo(g,h,i)perylene	3700	J	4400	52	ug/Kg	20	☼	8270C	Total/NA
Benzo(k)fluoranthene	7800		4400	48	ug/Kg	20	☼	8270C	Total/NA
Carbazole	3500	J	4400	50	ug/Kg	20	☼	8270C	Total/NA
Chrysene	14000		4400	43	ug/Kg	20	☼	8270C	Total/NA
Dibenzofuran	2800	J	4400	45	ug/Kg	20	☼	8270C	Total/NA
Fluoranthene	36000		4400	63	ug/Kg	20	☼	8270C	Total/NA
Fluorene	3300	J	4400	100	ug/Kg	20	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	3900	J	4400	120	ug/Kg	20	☼	8270C	Total/NA
Naphthalene	2200	J	4400	72	ug/Kg	20	☼	8270C	Total/NA
Phenanthrene	36000		4400	91	ug/Kg	20	☼	8270C	Total/NA
Pyrene	27000		4400	28	ug/Kg	20	☼	8270C	Total/NA
Aluminum	7900		13	5.8	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		2.6	0.53	mg/Kg	1	☼	6010B	Total/NA
Barium	250		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.61		0.26	0.037	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29		0.26	0.039	mg/Kg	1	☼	6010B	Total/NA
Calcium	5100	B	66	4.3	mg/Kg	1	☼	6010B	Total/NA
Chromium	10		0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.3		0.66	0.066	mg/Kg	1	☼	6010B	Total/NA
Copper	51		1.3	0.28	mg/Kg	1	☼	6010B	Total/NA
Iron	8300		13	1.4	mg/Kg	1	☼	6010B	Total/NA
Lead	13000		1.3	0.32	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1100	B	26	1.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	81		0.26	0.042	mg/Kg	1	☼	6010B	Total/NA
Nickel	630		6.6	0.30	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100		39	26	mg/Kg	1	☼	6010B	Total/NA
Selenium	5.7		5.3	0.75	mg/Kg	1	☼	6010B	Total/NA
Silver	0.41	J	0.66	0.26	mg/Kg	1	☼	6010B	Total/NA
Sodium	340	B	180	17	mg/Kg	1	☼	6010B	Total/NA
Vanadium	27		0.66	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	2300	B	2.6	0.20	mg/Kg	1	☼	6010B	Total/NA
Mercury	4.2		0.25	0.10	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	0.65	J	1.3	0.62	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(1-3) — Lab Sample ID: 480-25085-9

Client Sample ID: NS-SB/MW-2-SO-(1-3) (Continued) — Lab Sample ID: 480-25085-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.3	J	5.7	0.76	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	120	J	1900	23	ug/Kg	10	☼	8270C	Total/NA
Acenaphthene	320	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Anthracene	810	J	1900	48	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)anthracene	1600	J	1900	32	ug/Kg	10	☼	8270C	Total/NA
Benzo(a)pyrene	1500	J	1900	45	ug/Kg	10	☼	8270C	Total/NA
Benzo(b)fluoranthene	1800	J	1900	36	ug/Kg	10	☼	8270C	Total/NA
Benzo(g,h,i)perylene	350	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Benzo(k)fluoranthene	1200	J	1900	21	ug/Kg	10	☼	8270C	Total/NA
Carbazole	390	J	1900	22	ug/Kg	10	☼	8270C	Total/NA
Chrysene	1500	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Dibenzofuran	250	J	1900	19	ug/Kg	10	☼	8270C	Total/NA
Fluoranthene	2900		1900	27	ug/Kg	10	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	400	J	1900	52	ug/Kg	10	☼	8270C	Total/NA
Naphthalene	250	J	1900	31	ug/Kg	10	☼	8270C	Total/NA
Phenanthrene	3400		1900	39	ug/Kg	10	☼	8270C	Total/NA
Pyrene	2600		1900	12	ug/Kg	10	☼	8270C	Total/NA
Aluminum	6300		11	4.7	mg/Kg	1	☼	6010B	Total/NA
Arsenic	16		2.1	0.43	mg/Kg	1	☼	6010B	Total/NA
Barium	950		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.55		0.21	0.030	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.5		0.21	0.032	mg/Kg	1	☼	6010B	Total/NA
Calcium	12000	B	53	3.5	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.4		0.53	0.053	mg/Kg	1	☼	6010B	Total/NA
Copper	160		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		11	1.2	mg/Kg	1	☼	6010B	Total/NA
Lead	230		1.1	0.26	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2000	B	21	0.99	mg/Kg	1	☼	6010B	Total/NA
Manganese	230		0.21	0.034	mg/Kg	1	☼	6010B	Total/NA
Nickel	17		5.3	0.24	mg/Kg	1	☼	6010B	Total/NA
Potassium	1500		32	21	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.0	J	4.3	0.61	mg/Kg	1	☼	6010B	Total/NA
Silver	1.2		0.53	0.21	mg/Kg	1	☼	6010B	Total/NA
Sodium	360	B	150	14	mg/Kg	1	☼	6010B	Total/NA
Vanadium	25		0.53	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	620	B	2.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Mercury	2.0		0.22	0.091	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	1.4		1.1	0.51	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(10-11) — Lab Sample ID: 480-25085-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	J	31	5.2	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	26	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
4-Methylphenol	35	J	410	12	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	100	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA
Acenaphthylene	43	J	210	1.7	ug/Kg	1	☼	8270C	Total/NA
Anthracene	240		210	5.4	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)anthracene	630		210	3.6	ug/Kg	1	☼	8270C	Total/NA
Benzo(a)pyrene	640		210	5.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(b)fluoranthene	750		210	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo(g,h,i)perylene	150	J	210	2.5	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: NS-SB/MW-2-SO-(10-11) (Continued)

Lab Sample ID: 480-25085-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(k)fluoranthene	420		210	2.3	ug/Kg	1	☼	8270C	Total/NA
Carbazole	90	J	210	2.4	ug/Kg	1	☼	8270C	Total/NA
Chrysene	640		210	2.1	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	50	J	210	2.2	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	1300		210	3.0	ug/Kg	1	☼	8270C	Total/NA
Fluorene	32	J	210	4.8	ug/Kg	1	☼	8270C	Total/NA
Indeno(1,2,3-cd)pyrene	150	J	210	5.8	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	47	J	210	3.5	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	1000		210	4.4	ug/Kg	1	☼	8270C	Total/NA
Pyrene	1100		210	1.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	7700		11	5.0	mg/Kg	1	☼	6010B	Total/NA
Arsenic	10		2.3	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	130		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.80		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.21	J	0.23	0.034	mg/Kg	1	☼	6010B	Total/NA
Calcium	11000	B	57	3.8	mg/Kg	1	☼	6010B	Total/NA
Chromium	14		0.57	0.23	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.7		0.57	0.057	mg/Kg	1	☼	6010B	Total/NA
Copper	35		1.1	0.24	mg/Kg	1	☼	6010B	Total/NA
Iron	15000		11	1.3	mg/Kg	1	☼	6010B	Total/NA
Lead	1900		1.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1800	B	23	1.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	230		0.23	0.036	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		5.7	0.26	mg/Kg	1	☼	6010B	Total/NA
Potassium	980		34	23	mg/Kg	1	☼	6010B	Total/NA
Sodium	730	B	160	15	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		0.57	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	130	B	2.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Mercury	3.9		0.24	0.099	mg/Kg	10	☼	7471A	Total/NA
Cyanide, Total	0.74	J	1.2	0.57	mg/Kg	1	☼	9012A	Total/NA

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2-Trichloroethane	ND		5.5	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,1-Dichloroethene	ND		5.5	0.68	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2,4-Trichlorobenzene	ND		5.5	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dibromoethane	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,2-Dichloropropane	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
2-Butanone (MEK)	ND		28	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Acetone	ND		28	4.7	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Benzene	ND		5.5	0.27	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromodichloromethane	ND		5.5	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Bromomethane	ND		5.5	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Carbon disulfide	ND		5.5	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Carbon tetrachloride	ND		5.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chlorobenzene	ND		5.5	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Dibromochloromethane	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloroethane	ND		5.5	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
cis-1,2-Dichloroethene	ND		5.5	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
cis-1,3-Dichloropropene	ND		5.5	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Dichlorodifluoromethane	ND		5.5	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methyl acetate	ND		5.5	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methylcyclohexane	ND		5.5	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Styrene	ND		5.5	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Tetrachloroethene	**12**		5.5	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Toluene	ND		5.5	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1
Xylenes, Total	ND		11	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 01:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 01:32*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/13/12 22:10*	*09/14/12 01:32*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*09/13/12 22:10*	*09/14/12 01:32*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*09/13/12 22:10*	*09/14/12 01:32*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**340**	**J**	3700	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
bis (2-chloroisopropyl) ether	ND		3700	390	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4,5-Trichlorophenol	ND		3700	800	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4,6-Trichlorophenol	ND		3700	240	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dichlorophenol	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dimethylphenol	ND		3700	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dinitrophenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,4-Dinitrotoluene	ND		3700	570	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2,6-Dinitrotoluene	ND		3700	900	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Chloronaphthalene	ND		3700	250	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Chlorophenol	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Methylnaphthalene	**1300**	**J**	3700	45	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Methylphenol	ND		3700	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Nitroaniline	ND		7200	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
2-Nitrophenol	ND		3700	170	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
3,3'-Dichlorobenzidine	ND		3700	3200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
3-Nitroaniline	ND		7200	850	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4,6-Dinitro-2-methylphenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Bromophenyl phenyl ether	ND		3700	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chloro-3-methylphenol	ND		3700	150	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chloroaniline	ND		3700	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Chlorophenyl phenyl ether	ND		3700	79	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Methylphenol	ND		7200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Nitroaniline	ND		7200	410	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
4-Nitrophenol	ND		7200	890	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acenaphthene	**3200**	**J**	3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acenaphthylene	**460**	**J**	3700	30	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Acetophenone	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Anthracene	**8300**		3700	94	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Atrazine	ND		3700	160	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzaldehyde	ND		3700	400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(a)anthracene	**17000**		3700	64	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(a)pyrene	**17000**		3700	89	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(b)fluoranthene	**20000**		3700	71	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(g,h,i)perylene	**5200**		3700	44	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Benzo(k)fluoranthene	**10000**		3700	41	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-chloroethoxy)methane	ND		3700	200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-chloroethyl)ether	ND		3700	320	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Bis(2-ethylhexyl) phthalate	ND		3700	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Butyl benzyl phthalate	ND		3700	990	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Caprolactam	ND		3700	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Carbazole	**4200**		3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Chrysene	**17000**		3700	37	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Di-n-butyl phthalate	ND		3700	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Di-n-octyl phthalate	ND		3700	86	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Dibenz(a,h)anthracene	ND		3700	43	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20

Client Sample ID: NS-SB/MW-1-SO-(1-3)
Date Collected: 09/11/12 10:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-1
Matrix: Solid
Percent Solids: 89.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**2500**	**J**	3700	38	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Diethyl phthalate	ND		3700	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Dimethyl phthalate	ND		3700	96	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Fluoranthene	**40000**		3700	53	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Fluorene	**2000**	**J**	3700	85	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorobenzene	ND		3700	180	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorobutadiene	ND		3700	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachlorocyclopentadiene	ND		3700	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Hexachloroethane	ND		3700	290	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Indeno(1,2,3-cd)pyrene	**6300**		3700	100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Isophorone	ND		3700	180	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
N-Nitrosodi-n-propylamine	ND		3700	290	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
N-Nitrosodiphenylamine	ND		3700	200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Naphthalene	**2600**	**J**	3700	61	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Nitrobenzene	ND		3700	160	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Pentachlorophenol	ND		7200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Phenanthrene	**35000**		3700	77	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Phenol	ND		3700	390	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20
Pyrene	**28000**		3700	24	ug/Kg	☼	09/14/12 12:40	09/17/12 15:05	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthraquinone	*4000*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Triphenylene, 2-methyl-	*3100*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
7,12-Dimethylbenz(a)anthracene	*1200*	*J*	*ug/Kg*	☼	*14.29*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Benzo[j]fluoranthene	*9600*	*T J N*	*ug/Kg*	☼	*14.73*	*205-82-3*	*09/14/12 12:40*	*09/17/12 15:05*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*91*		*39 - 146*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
2-Fluorobiphenyl	*99*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
2-Fluorophenol	*70*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Nitrobenzene-d5	*80*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
p-Terphenyl-d14	*108*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:05*	*20*
Phenol-d5	*79*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:05*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1221	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1232	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1242	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1248	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1254	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1260	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1262	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1
PCB-1268	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*36 - 182*	*09/14/12 08:15*	*09/15/12 23:07*	*1*
DCB Decachlorobiphenyl	*90*		*36 - 182*	*09/14/12 08:15*	*09/15/12 23:07*	*1*
Tetrachloro-m-xylene	*96*		*24 - 172*	*09/14/12 08:15*	*09/15/12 23:07*	*1*
Tetrachloro-m-xylene	*94*		*24 - 172*	*09/14/12 08:15*	*09/15/12 23:07*	*1*

Client Sample ID: NS-SB/MW-1-SO-(1-3)

Lab Sample ID: 480-25085-1
Date Collected: 09/11/12 10:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 89.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		12	5.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Antimony	1.8	J	18	0.64	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Arsenic	24		2.4	0.47	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Barium	360		0.59	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Beryllium	0.50		0.24	0.033	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Cadmium	4.3		0.24	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Calcium	21000	B	59	3.9	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Chromium	21		0.59	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Cobalt	4.8		0.59	0.059	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Copper	170		1.2	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Iron	15000		12	1.3	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Lead	1400		1.2	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Magnesium	2700	B	24	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Manganese	210		0.24	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Nickel	19		5.9	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Potassium	870		35	24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Selenium	0.90	J	4.7	0.67	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Silver	1.6		0.59	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Sodium	430	B	160	15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Thallium	ND		7.1	0.35	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Vanadium	51		0.59	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1
Zinc	870	B	2.4	0.18	mg/Kg	☼	09/14/12 09:50	09/14/12 18:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.70		0.022	0.0087	mg/Kg	☼	09/14/12 10:15	09/14/12 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.76	J	1.1	0.53	mg/Kg	☼	09/19/12 16:00	09/20/12 00:40	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2
Date Collected: 09/11/12 10:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2-Trichloroethane	ND		6.2	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dibromo-3-Chloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dibromoethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichlorobenzene	ND		6.2	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,3-Dichlorobenzene	ND		6.2	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
1,4-Dichlorobenzene	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	6.7	J	31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Acetone	58		31	5.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Benzene	ND		6.2	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Dibromochloromethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloroform	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Chloromethane	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
cis-1,2-Dichloroethene	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
cis-1,3-Dichloropropene	ND		6.2	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Isopropylbenzene	ND		6.2	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methyl acetate	ND		6.2	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methylcyclohexane	ND		6.2	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Methylene Chloride	ND		6.2	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Styrene	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Tetrachloroethene	13		6.2	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Toluene	ND		6.2	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 01:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 01:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/13/12 22:10*	*09/14/12 01:57*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*09/13/12 22:10*	*09/14/12 01:57*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*09/13/12 22:10*	*09/14/12 01:57*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	31	J	210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dimethylphenol	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dinitrophenol	ND		420	74	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2,4-Dinitrotoluene	ND		210	33	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		210	52	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Methylnaphthalene	**110**	**J**	210	2.6	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Methylphenol	ND		210	6.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Nitroaniline	ND		420	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
2-Nitrophenol	ND		210	9.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
3,3'-Dichlorobenzidine	ND		210	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
3-Nitroaniline	ND		420	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4,6-Dinitro-2-methylphenol	ND		420	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Bromophenyl phenyl ether	ND		210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chloro-3-methylphenol	ND		210	8.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chloroaniline	ND		210	62	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Methylphenol	ND		420	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Nitroaniline	ND		420	24	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
4-Nitrophenol	ND		420	51	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acenaphthene	**350**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acenaphthylene	**66**	**J**	210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Anthracene	**790**		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Atrazine	ND		210	9.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzaldehyde	**43**	**J**	210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(a)anthracene	**1900**		210	3.7	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(a)pyrene	**1800**		210	5.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(b)fluoranthene	**2400**		210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(g,h,i)perylene	**460**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Benzo(k)fluoranthene	**940**		210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-chloroethoxy)methane	ND		210	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Bis(2-ethylhexyl) phthalate	**190**	**J**	210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Butyl benzyl phthalate	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Caprolactam	ND		210	92	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Carbazole	**340**		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Chrysene	**1800**		210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Di-n-butyl phthalate	ND		210	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Di-n-octyl phthalate	ND		210	5.0	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dibenzofuran	**230**		210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Diethyl phthalate	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Dimethyl phthalate	ND		210	5.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Fluoranthene	**4100**		210	3.1	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Fluorene	**280**		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorobenzene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachlorocyclopentadiene	ND		210	64	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Indeno(1,2,3-cd)pyrene	**510**		210	5.9	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Isophorone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
N-Nitrosodiphenylamine	ND		210	12	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)
Date Collected: 09/11/12 10:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-2
Matrix: Solid
Percent Solids: 78.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**190**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Nitrobenzene	ND		210	9.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Pentachlorophenol	ND		420	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Phenanthrene	**2900**		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1
Pyrene	**2800**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 15:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*2.31*		*09/14/12 12:40*	*09/17/12 15:29*	*1*
3,6,9,12,15-Pentaoxanonadecan-1-ol	*580*	*T J N*	*ug/Kg*	☼	*10.85*	*1786-94-3*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Anthraquinone	*340*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Fluoranthene, 2-methyl-	*170*	*T J N*	*ug/Kg*	☼	*12.73*	*33543-31-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
11H-Benzo[b]fluorene	*240*	*T J N*	*ug/Kg*	☼	*12.82*	*243-17-4*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Pyrene, 2-methyl-	*180*	*T J N*	*ug/Kg*	☼	*12.92*	*3442-78-2*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*13.41*		*09/14/12 12:40*	*09/17/12 15:29*	*1*
7H-Benz[de]anthracen-7-one	*170*	*T J N*	*ug/Kg*	☼	*13.45*	*82-5-3*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Triphenylene, 2-methyl-	*230*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
7,12-Dimethylbenz(a)anthracene	*70*	*J*	*ug/Kg*	☼	*14.33*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Benzo[k]fluoranthene	*320*	*T J N*	*ug/Kg*	☼	*14.57*	*207-8-9*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Benz[e]acephenanthrylene	*1100*	*T J N*	*ug/Kg*	☼	*14.73*	*205-99-2*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Perylene	*610*	*T J N*	*ug/Kg*	☼	*14.85*	*198-55-0*	*09/14/12 12:40*	*09/17/12 15:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*25*	*X*	*39 - 146*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
2-Fluorobiphenyl	*83*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
2-Fluorophenol	*48*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Nitrobenzene-d5	*78*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
p-Terphenyl-d14	*84*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:29*	*1*
Phenol-d5	*76*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:29*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1221	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1232	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1242	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1248	ND		270	53	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1254	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1260	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1262	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1
PCB-1268	ND		270	130	ug/Kg	☼	09/14/12 08:15	09/15/12 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*36 - 182*	*09/14/12 08:15*	*09/15/12 18:50*	*1*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 18:50*	*1*
Tetrachloro-m-xylene	*91*		*24 - 172*	*09/14/12 08:15*	*09/15/12 18:50*	*1*
Tetrachloro-m-xylene	*93*		*24 - 172*	*09/14/12 08:15*	*09/15/12 18:50*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8000**		13	5.7	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Antimony	ND		19	0.69	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2

Date Collected: 09/11/12 10:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.8

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	28		2.6	0.51	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Barium	85		0.64	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Beryllium	0.53		0.26	0.036	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Cadmium	0.25	J	0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Calcium	12000	B	64	4.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Chromium	20		0.64	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Cobalt	7.6		0.64	0.064	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Copper	44		1.3	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Iron	17000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Lead	180		1.3	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Magnesium	3400	B	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Manganese	270		0.26	0.041	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Nickel	28		6.4	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Potassium	910		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Selenium	1.2	J	5.1	0.73	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Silver	ND		0.64	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Sodium	200	B	180	17	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Thallium	ND		7.7	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Vanadium	22		0.64	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1
Zinc	150	B	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 18:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.026	0.011	mg/Kg	☼	09/14/12 10:15	09/14/12 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.59	mg/Kg	☼	09/19/12 16:00	09/20/12 00:41	1

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2-Trichloroethane	ND		6.3	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1-Dichloroethane	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,1-Dichloroethene	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2,4-Trichlorobenzene	ND		6.3	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dibromo-3-Chloropropane	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dibromoethane	ND		6.3	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichlorobenzene	ND		6.3	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichloroethane	ND		6.3	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,2-Dichloropropane	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,3-Dichlorobenzene	ND		6.3	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
1,4-Dichlorobenzene	ND		6.3	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
4-Methyl-2-pentanone (MIBK)	ND		31	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		31	5.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Benzene	ND		6.3	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Bromodichloromethane	ND		6.3	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Bromoform	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Bromomethane	ND		6.3	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Carbon disulfide	ND		6.3	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Carbon tetrachloride	ND		6.3	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chlorobenzene	ND		6.3	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Dibromochloromethane	ND		6.3	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloroethane	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloroform	ND		6.3	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Chloromethane	ND		6.3	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
cis-1,2-Dichloroethene	ND		6.3	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
cis-1,3-Dichloropropene	ND		6.3	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Cyclohexane	ND		6.3	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Dichlorodifluoromethane	ND		6.3	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Ethylbenzene	ND		6.3	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Isopropylbenzene	ND		6.3	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methyl acetate	ND		6.3	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methyl tert-butyl ether	ND		6.3	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methylcyclohexane	ND		6.3	0.96	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Methylene Chloride	ND		6.3	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Styrene	ND		6.3	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Tetrachloroethene	**28**		6.3	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Toluene	ND		6.3	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
trans-1,2-Dichloroethene	ND		6.3	0.65	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Trichloroethene	ND		6.3	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Trichlorofluoromethane	ND		6.3	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Vinyl chloride	ND		6.3	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 02:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*09/13/12 22:10*	*09/14/12 02:23*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/13/12 22:10*	*09/14/12 02:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*09/13/12 22:10*	*09/14/12 02:23*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4200	260	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
bis (2-chloroisopropyl) ether	ND		4200	440	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4,5-Trichlorophenol	ND		4200	920	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4,6-Trichlorophenol	ND		4200	280	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dichlorophenol	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dimethylphenol	ND		4200	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dinitrophenol	ND		8200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,4-Dinitrotoluene	ND		4200	650	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2,6-Dinitrotoluene	ND		4200	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Chloronaphthalene	ND		4200	280	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Methylnaphthalene	**480**	**J**	4200	51	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Methylphenol	ND		4200	130	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Nitroaniline	ND		8200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
2-Nitrophenol	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
3,3'-Dichlorobenzidine	ND		4200	3700	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
3-Nitroaniline	ND		8200	970	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4,6-Dinitro-2-methylphenol	ND		8200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Bromophenyl phenyl ether	ND		4200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chloro-3-methylphenol	ND		4200	170	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chloroaniline	ND		4200	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Chlorophenyl phenyl ether	ND		4200	90	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Methylphenol	ND		8200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Nitroaniline	ND		8200	470	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
4-Nitrophenol	ND		8200	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acenaphthene	**2800**	**J**	4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acenaphthylene	**360**	**J**	4200	34	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Acetophenone	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Anthracene	**10000**		4200	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Atrazine	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzaldehyde	ND		4200	460	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(a)anthracene	**31000**		4200	73	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(a)pyrene	**28000**		4200	100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(b)fluoranthene	**33000**		4200	82	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(g,h,i)perylene	**6400**		4200	50	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Benzo(k)fluoranthene	**17000**		4200	46	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-chloroethoxy)methane	ND		4200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-chloroethyl)ether	ND		4200	360	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Bis(2-ethylhexyl) phthalate	ND		4200	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Butyl benzyl phthalate	ND		4200	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Caprolactam	ND		4200	1800	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Carbazole	**1700**	**J**	4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Chrysene	**33000**		4200	42	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Di-n-butyl phthalate	ND		4200	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Di-n-octyl phthalate	ND		4200	98	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dibenz(a,h)anthracene	ND		4200	49	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dibenzofuran	**1500**	**J**	4200	44	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Diethyl phthalate	ND		4200	130	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Dimethyl phthalate	ND		4200	110	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Fluoranthene	**63000**		4200	61	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Fluorene	**1600**	**J**	4200	97	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorobenzene	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorobutadiene	ND		4200	220	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachlorocyclopentadiene	ND		4200	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Hexachloroethane	ND		4200	330	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Indeno(1,2,3-cd)pyrene	**7200**		4200	120	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Isophorone	ND		4200	210	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
N-Nitrosodi-n-propylamine	ND		4200	330	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
N-Nitrosodiphenylamine	ND		4200	230	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Naphthalene	**650**	**J**	4200	70	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Nitrobenzene	ND		4200	190	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Client Sample ID: NS-SB/MW-5-SO-(1-3)
Date Collected: 09/11/12 13:30
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-3
Matrix: Solid
Percent Solids: 78.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		8200	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Phenanthrene	**36000**		4200	88	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Phenol	ND		4200	440	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20
Pyrene	**48000**		4200	27	ug/Kg	☼	09/14/12 12:40	09/17/12 15:53	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phenanthrene, 2-methyl-	*8600*	*T J N*	*ug/Kg*	☼	*11.67*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenanthrene, 2-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*11.70*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*11.78*		*09/14/12 12:40*	*09/17/12 15:53*	*20*
1H-Indene, 2-phenyl-	*9000*	*T J N*	*ug/Kg*	☼	*11.80*	*4505-48-0*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Anthraquinone	*5400*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenanthrene, 2,5-dimethyl-	*9400*	*T J N*	*ug/Kg*	☼	*12.19*	*3674-66-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Fluoranthene, 2-methyl-	*4400*	*T J N*	*ug/Kg*	☼	*12.83*	*33543-31-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Pyrene, 2-methyl-	*3900*	*T J N*	*ug/Kg*	☼	*12.92*	*3442-78-2*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Benzo[b]naphtho[2,3-d]thiophene	*3500*	*T J N*	*ug/Kg*	☼	*13.36*	*243-46-9*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Triphenylene, 2-methyl-	*4500*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
7,12-Dimethylbenz(a)anthracene	*1500*	*J*	*ug/Kg*	☼	*14.33*	*57-97-6*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Perylene	*16000*	*T J N*	*ug/Kg*	☼	*14.73*	*198-55-0*	*09/14/12 12:40*	*09/17/12 15:53*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*39 - 146*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
2-Fluorobiphenyl	*108*		*37 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
2-Fluorophenol	*76*		*18 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Nitrobenzene-d5	*86*		*34 - 132*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
p-Terphenyl-d14	*119*		*65 - 153*	*09/14/12 12:40*	*09/17/12 15:53*	*20*
Phenol-d5	*87*		*11 - 120*	*09/14/12 12:40*	*09/17/12 15:53*	*20*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1221	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1232	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1242	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1248	ND		260	51	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1254	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1260	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1262	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1
PCB-1268	ND		260	120	ug/Kg	☼	09/14/12 08:15	09/15/12 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*36 - 182*	*09/14/12 08:15*	*09/15/12 19:10*	*1*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 19:10*	*1*
Tetrachloro-m-xylene	*108*		*24 - 172*	*09/14/12 08:15*	*09/15/12 19:10*	*1*
Tetrachloro-m-xylene	*104*		*24 - 172*	*09/14/12 08:15*	*09/15/12 19:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3100**		13	5.6	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Antimony	**25**		19	0.68	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Arsenic	**62**		2.5	0.51	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Barium	**320**		0.63	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Beryllium	**0.42**		0.25	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.6

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	110		0.25	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Calcium	5200	B	63	4.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Chromium	28		0.63	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Cobalt	4.6		0.63	0.063	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Copper	1500		1.3	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Iron	91000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Lead	3500		1.3	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Magnesium	900	B	25	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Manganese	190		0.25	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Nickel	26		6.3	0.29	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Potassium	1400		38	25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Selenium	7.5		5.1	0.72	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Silver	1.7		0.63	0.25	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Sodium	540	B	180	16	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Thallium	ND		7.6	0.38	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Vanadium	26		0.63	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 18:49	1
Zinc	6900	B	13	0.97	mg/Kg	☼	09/14/12 09:50	09/17/12 15:46	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	7.7		0.51	0.21	mg/Kg	☼	09/14/12 10:15	09/14/12 15:17	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.94	J	1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:42	1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4

Date Collected: 09/11/12 13:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Acetone	ND		30	5.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Date Collected: 09/11/12 13:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-4
Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Tetrachloroethene	**1.5**	**J**	6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 02:49	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 02:49*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*09/13/12 22:10*	*09/14/12 02:49*	*1*
Toluene-d8 (Surr)	*96*		*71 - 125*	*09/13/12 22:10*	*09/14/12 02:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 02:49*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dimethylphenol	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dinitrophenol	ND		410	73	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,4-Dinitrotoluene	ND		210	32	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2,6-Dinitrotoluene	ND		210	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Methylnaphthalene	**24**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Methylphenol	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Date Collected: 09/11/12 13:35
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-4
Matrix: Solid
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		410	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
2-Nitrophenol	ND		210	9.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
3,3'-Dichlorobenzidine	ND		210	180	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
3-Nitroaniline	ND		410	48	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4,6-Dinitro-2-methylphenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Bromophenyl phenyl ether	ND		210	66	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chloro-3-methylphenol	ND		210	8.6	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chloroaniline	ND		210	61	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Methylphenol	ND		410	12	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Nitroaniline	ND		410	23	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
4-Nitrophenol	ND		410	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acenaphthene	**44**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acenaphthylene	ND		210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Anthracene	**62**	**J**	210	5.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Atrazine	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzaldehyde	ND		210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(a)anthracene	**150**	**J**	210	3.6	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(a)pyrene	**140**	**J**	210	5.0	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(b)fluoranthene	**190**	**J**	210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(g,h,i)perylene	**32**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Benzo(k)fluoranthene	**86**	**J**	210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-chloroethoxy)methane	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Bis(2-ethylhexyl) phthalate	ND		210	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Butyl benzyl phthalate	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Caprolactam	ND		210	90	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Carbazole	**41**	**J**	210	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Chrysene	**170**	**J**	210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Di-n-butyl phthalate	ND		210	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Di-n-octyl phthalate	ND		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dibenzofuran	**32**	**J**	210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Diethyl phthalate	ND		210	6.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Dimethyl phthalate	ND		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Fluoranthene	**300**		210	3.0	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Fluorene	ND		210	4.8	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorobenzene	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachlorocyclopentadiene	ND		210	63	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Indeno(1,2,3-cd)pyrene	**39**	**J**	210	5.8	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Isophorone	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
N-Nitrosodiphenylamine	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Naphthalene	**82**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Nitrobenzene	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Pentachlorophenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Phenanthrene	**430**		210	4.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5) — **Lab Sample ID: 480-25085-4**
Date Collected: 09/11/12 13:35 — **Matrix: Solid**
Date Received: 09/13/12 09:00 — **Percent Solids: 80.1**

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**300**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 16:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.29*		*09/14/12 12:40*	*09/17/12 16:16*	*1*
Ethane, 1,1,2,2-tetrachloro-	*350*	*T J N*	*ug/Kg*	☼	*5.01*	*79-34-5*	*09/14/12 12:40*	*09/17/12 16:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*39 - 146*	*09/14/12 12:40*	*09/17/12 16:16*	*1*
2-Fluorobiphenyl	*80*		*37 - 120*	*09/14/12 12:40*	*09/17/12 16:16*	*1*
2-Fluorophenol	*65*		*18 - 120*	*09/14/12 12:40*	*09/17/12 16:16*	*1*
Nitrobenzene-d5	*73*		*34 - 132*	*09/14/12 12:40*	*09/17/12 16:16*	*1*
p-Terphenyl-d14	*84*		*65 - 153*	*09/14/12 12:40*	*09/17/12 16:16*	*1*
Phenol-d5	*74*		*11 - 120*	*09/14/12 12:40*	*09/17/12 16:16*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1221	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1232	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1242	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1248	ND		260	50	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1254	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1260	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1262	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1
PCB-1268	ND		260	120	ug/Kg	☼	09/18/12 09:15	09/19/12 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*36 - 182*	*09/18/12 09:15*	*09/19/12 19:36*	*1*
DCB Decachlorobiphenyl	*97*		*36 - 182*	*09/18/12 09:15*	*09/19/12 19:36*	*1*
Tetrachloro-m-xylene	*101*		*24 - 172*	*09/18/12 09:15*	*09/19/12 19:36*	*1*
Tetrachloro-m-xylene	*102*		*24 - 172*	*09/18/12 09:15*	*09/19/12 19:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		13	5.9	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Antimony	ND		20	0.72	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Arsenic	**5.0**		2.7	0.53	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Barium	**72**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Beryllium	**1.0**		0.27	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Cadmium	**14**		0.27	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Calcium	**2100**	**B**	67	4.4	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Chromium	**15**		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Cobalt	**5.8**		0.67	0.067	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Copper	**18**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Iron	**16000**		13	1.5	mg/Kg	☼	09/14/12 09:50	09/17/12 15:54	1
Lead	**490**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Magnesium	**2900**	**B**	27	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Manganese	**260**		0.27	0.043	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Nickel	**20**		6.7	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Potassium	**1100**		40	27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Selenium	ND		5.3	0.76	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Silver	ND		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4

Date Collected: 09/11/12 13:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**91**	**J B**	190	17	mg/Kg	☼	09/14/12 09:50	09/17/12 15:54	1
Thallium	ND		8.0	0.40	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Vanadium	**23**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1
Zinc	**1800**	**B**	2.7	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 18:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.25**		0.023	0.0094	mg/Kg	☼	09/14/12 10:15	09/14/12 14:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:45	1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2-Trichloroethane	ND		6.9	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1-Dichloroethane	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,1-Dichloroethene	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2,4-Trichlorobenzene	ND		6.9	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dibromo-3-Chloropropane	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dibromoethane	ND		6.9	0.89	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichlorobenzene	ND		6.9	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichloroethane	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,2-Dichloropropane	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,3-Dichlorobenzene	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
1,4-Dichlorobenzene	ND		6.9	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
2-Hexanone	ND		35	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
2-Butanone (MEK)	ND		35	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
4-Methyl-2-pentanone (MIBK)	ND		35	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Acetone	ND		35	5.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Benzene	ND		6.9	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromodichloromethane	ND		6.9	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Bromomethane	ND		6.9	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Carbon disulfide	ND		6.9	3.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Carbon tetrachloride	ND		6.9	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chlorobenzene	ND		6.9	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Dibromochloromethane	ND		6.9	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloroethane	ND		6.9	1.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloroform	ND		6.9	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Chloromethane	ND		6.9	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
cis-1,2-Dichloroethene	ND		6.9	0.88	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
cis-1,3-Dichloropropene	ND		6.9	0.99	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Cyclohexane	ND		6.9	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Dichlorodifluoromethane	ND		6.9	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)
Date Collected: 09/12/12 10:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-5
Matrix: Solid
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.9	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Isopropylbenzene	ND		6.9	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methyl acetate	ND		6.9	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methyl tert-butyl ether	ND		6.9	0.68	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methylcyclohexane	ND		6.9	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Methylene Chloride	ND		6.9	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Styrene	ND		6.9	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Tetrachloroethene	**270**		6.9	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Toluene	ND		6.9	0.52	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
trans-1,2-Dichloroethene	ND		6.9	0.71	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
trans-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Trichloroethene	ND		6.9	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Trichlorofluoromethane	ND		6.9	0.65	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Vinyl chloride	ND		6.9	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*09/13/12 22:10*	*09/14/12 04:06*	*1*
Toluene-d8 (Surr)	*97*		*71 - 125*	*09/13/12 22:10*	*09/14/12 04:06*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*09/13/12 22:10*	*09/14/12 04:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4600	290	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
bis (2-chloroisopropyl) ether	ND		4600	480	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4,5-Trichlorophenol	ND		4600	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4,6-Trichlorophenol	ND		4600	300	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dichlorophenol	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dimethylphenol	ND		4600	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dinitrophenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,4-Dinitrotoluene	ND		4600	710	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2,6-Dinitrotoluene	ND		4600	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Chloronaphthalene	ND		4600	310	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Chlorophenol	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Methylnaphthalene	ND		4600	56	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Methylphenol	ND		4600	140	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Nitroaniline	ND		9000	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
2-Nitrophenol	ND		4600	210	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
3,3'-Dichlorobenzidine	ND		4600	4000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
3-Nitroaniline	ND		9000	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4,6-Dinitro-2-methylphenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Bromophenyl phenyl ether	ND		4600	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chloro-3-methylphenol	ND		4600	190	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chloroaniline	ND		4600	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Chlorophenyl phenyl ether	ND		4600	98	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Methylphenol	ND		9000	260	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Nitroaniline	ND		9000	510	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
4-Nitrophenol	ND		9000	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Acenaphthene	**310**	**J**	4600	54	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)
Date Collected: 09/12/12 10:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-5
Matrix: Solid
Percent Solids: 72.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		4600	38	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Acetophenone	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Anthracene	**820**	**J**	4600	120	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Atrazine	ND		4600	200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzaldehyde	ND		4600	510	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(a)anthracene	**1600**	**J**	4600	80	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(a)pyrene	**1600**	**J**	4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(b)fluoranthene	**1800**	**J**	4600	89	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(g,h,i)perylene	**450**	**J**	4600	55	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Benzo(k)fluoranthene	**980**	**J**	4600	51	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-chloroethoxy)methane	ND		4600	250	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-chloroethyl)ether	ND		4600	400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Bis(2-ethylhexyl) phthalate	ND		4600	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Butyl benzyl phthalate	ND		4600	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Caprolactam	ND		4600	2000	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Carbazole	ND		4600	53	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Chrysene	**1800**	**J**	4600	46	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Di-n-butyl phthalate	ND		4600	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Di-n-octyl phthalate	ND		4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dibenz(a,h)anthracene	ND		4600	54	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dibenzofuran	ND		4600	48	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Diethyl phthalate	ND		4600	140	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Dimethyl phthalate	ND		4600	120	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Fluoranthene	**1900**	**J**	4600	67	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Fluorene	ND		4600	110	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorobenzene	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorobutadiene	ND		4600	240	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachlorocyclopentadiene	ND		4600	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Hexachloroethane	ND		4600	360	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Indeno(1,2,3-cd)pyrene	**500**	**J**	4600	130	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Isophorone	ND		4600	230	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
N-Nitrosodi-n-propylamine	ND		4600	360	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
N-Nitrosodiphenylamine	ND		4600	250	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Naphthalene	ND		4600	77	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Nitrobenzene	ND		4600	200	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Pentachlorophenol	ND		9000	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Phenanthrene	**3800**	**J**	4600	97	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Phenol	ND		4600	480	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20
Pyrene	**3100**	**J**	4600	30	ug/Kg	☼	09/14/12 12:40	09/17/12 16:40	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/14/12 12:40*	*09/17/12 16:40*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*39 - 146*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
2-Fluorobiphenyl	*106*		*37 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
2-Fluorophenol	*73*		*18 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
Nitrobenzene-d5	*87*		*34 - 132*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
p-Terphenyl-d14	*113*		*65 - 153*	*09/14/12 12:40*	*09/17/12 16:40*	*20*
Phenol-d5	*84*		*11 - 120*	*09/14/12 12:40*	*09/17/12 16:40*	*20*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)
Date Collected: 09/12/12 10:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-5
Matrix: Solid
Percent Solids: 72.6

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1221	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1232	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1242	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1248	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1254	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1260	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1262	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1
PCB-1268	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*36 - 182*	*09/14/12 08:15*	*09/15/12 20:29*	*1*
DCB Decachlorobiphenyl	*102*		*36 - 182*	*09/14/12 08:15*	*09/15/12 20:29*	*1*
Tetrachloro-m-xylene	*111*		*24 - 172*	*09/14/12 08:15*	*09/15/12 20:29*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*09/14/12 08:15*	*09/15/12 20:29*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3800**		13	5.9	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Antimony	ND		100	3.6	mg/Kg	☼	09/14/12 09:50	09/17/12 15:52	5
Arsenic	**13**		2.7	0.54	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Barium	**250**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Beryllium	**0.32**		0.27	0.038	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Cadmium	**0.51**		0.27	0.040	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Calcium	**4100**	**B**	67	4.4	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Chromium	**8.8**		0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Cobalt	**12**		0.67	0.067	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Copper	**310**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Iron	**63000**		13	1.5	mg/Kg	☼	09/14/12 09:50	09/17/12 16:00	1
Lead	**200**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Magnesium	**620**	**B**	27	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Manganese	**830**		0.27	0.043	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Nickel	**26**		6.7	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Potassium	**1400**		40	27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Selenium	**1.8**	**J**	5.4	0.77	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Silver	**0.38**	**J**	0.67	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Sodium	**200**	**B**	190	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:00	1
Thallium	ND		8.1	0.40	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Vanadium	**21**		0.67	0.15	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1
Zinc	**250**	**B**	2.7	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.59**		0.025	0.010	mg/Kg	☼	09/14/12 10:15	09/14/12 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**2.4**		1.3	0.63	mg/Kg	☼	09/19/12 16:00	09/20/12 00:47	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)
Date Collected: 09/12/12 10:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-6
Matrix: Solid
Percent Solids: 82.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2,2-Tetrachloroethane	ND		6.0	0.97	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2-Trichloroethane	ND		6.0	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1-Dichloroethane	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,1-Dichloroethene	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2,4-Trichlorobenzene	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dibromoethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichlorobenzene	ND		6.0	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichloroethane	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,2-Dichloropropane	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,3-Dichlorobenzene	ND		6.0	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
1,4-Dichlorobenzene	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Acetone	**18**	**J**	30	5.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Benzene	ND		6.0	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromodichloromethane	ND		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Bromomethane	ND		6.0	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Carbon disulfide	ND		6.0	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Carbon tetrachloride	ND		6.0	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chlorobenzene	ND		6.0	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Dibromochloromethane	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloroethane	ND		6.0	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloroform	ND		6.0	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Chloromethane	ND		6.0	0.36	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
cis-1,2-Dichloroethene	ND		6.0	0.77	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
cis-1,3-Dichloropropene	ND		6.0	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Cyclohexane	ND		6.0	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Dichlorodifluoromethane	ND		6.0	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Ethylbenzene	ND		6.0	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Isopropylbenzene	ND		6.0	0.90	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methyl acetate	ND		6.0	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methyl tert-butyl ether	ND		6.0	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methylcyclohexane	ND		6.0	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Methylene Chloride	ND		6.0	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Styrene	ND		6.0	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Tetrachloroethene	**51**		6.0	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Toluene	ND		6.0	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
trans-1,2-Dichloroethene	ND		6.0	0.62	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
trans-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Trichloroethene	ND		6.0	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Trichlorofluoromethane	ND		6.0	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Vinyl chloride	ND		6.0	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:31*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)
Date Collected: 09/12/12 10:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-6
Matrix: Solid
Percent Solids: 82.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*09/13/12 22:10*	*09/14/12 04:31*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*09/13/12 22:10*	*09/14/12 04:31*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*09/13/12 22:10*	*09/14/12 04:31*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**230**	**J**	2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
bis (2-chloroisopropyl) ether	ND		2000	210	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4,5-Trichlorophenol	ND		2000	440	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4,6-Trichlorophenol	ND		2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dichlorophenol	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dimethylphenol	ND		2000	540	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dinitrophenol	ND		3900	700	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,4-Dinitrotoluene	ND		2000	310	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2,6-Dinitrotoluene	ND		2000	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Chloronaphthalene	ND		2000	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Chlorophenol	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Methylnaphthalene	**790**	**J**	2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Methylphenol	ND		2000	62	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Nitroaniline	ND		3900	650	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
2-Nitrophenol	ND		2000	92	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
3,3'-Dichlorobenzidine	ND		2000	1800	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
3-Nitroaniline	ND		3900	460	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4,6-Dinitro-2-methylphenol	ND		3900	690	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Bromophenyl phenyl ether	ND		2000	640	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chloro-3-methylphenol	ND		2000	83	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chloroaniline	ND		2000	590	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Chlorophenyl phenyl ether	ND		2000	43	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Methylphenol	ND		3900	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Nitroaniline	ND		3900	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
4-Nitrophenol	ND		3900	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acenaphthene	**3200**		2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acenaphthylene	**110**	**J**	2000	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Acetophenone	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Anthracene	**5800**		2000	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Atrazine	ND		2000	90	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzaldehyde	ND		2000	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(a)anthracene	**7400**		2000	35	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(a)pyrene	**7100**		2000	48	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(b)fluoranthene	**7700**		2000	39	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(g,h,i)perylene	**1700**	**J**	2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Benzo(k)fluoranthene	**4100**		2000	22	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-chloroethoxy)methane	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-chloroethyl)ether	ND		2000	170	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Bis(2-ethylhexyl) phthalate	ND		2000	650	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Butyl benzyl phthalate	ND		2000	540	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Caprolactam	ND		2000	870	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Carbazole	**2200**		2000	23	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Chrysene	**6800**		2000	20	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Di-n-butyl phthalate	ND		2000	700	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Di-n-octyl phthalate	ND		2000	47	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Dibenz(a,h)anthracene	ND		2000	24	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)
Date Collected: 09/12/12 10:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-6
Matrix: Solid
Percent Solids: 82.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**2000**		2000	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Diethyl phthalate	ND		2000	61	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Dimethyl phthalate	ND		2000	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Fluoranthene	**19000**		2000	29	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Fluorene	**2000**		2000	46	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorobenzene	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorobutadiene	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachlorocyclopentadiene	ND		2000	610	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Hexachloroethane	ND		2000	160	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Indeno(1,2,3-cd)pyrene	**1700**	**J**	2000	56	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Isophorone	ND		2000	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
N-Nitrosodi-n-propylamine	ND		2000	160	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
N-Nitrosodiphenylamine	ND		2000	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Naphthalene	**1700**	**J**	2000	33	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Nitrobenzene	ND		2000	89	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Pentachlorophenol	ND		3900	690	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Phenanthrene	**20000**		2000	42	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Phenol	ND		2000	210	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10
Pyrene	**14000**		2000	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:03	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3400*	*T J*	*ug/Kg*	☼	*11.78*		*09/14/12 12:40*	*09/17/12 17:03*	*10*
Perylene	*3600*	*T J N*	*ug/Kg*	☼	*14.72*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:03*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
2-Fluorobiphenyl	*84*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
2-Fluorophenol	*61*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
Nitrobenzene-d5	*70*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
p-Terphenyl-d14	*95*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:03*	*10*
Phenol-d5	*70*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:03*	*10*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1221	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1232	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1242	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1248	ND		240	47	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1254	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1260	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1262	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1
PCB-1268	ND		240	110	ug/Kg	☼	09/14/12 08:15	09/15/12 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*164*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:28*	*1*
DCB Decachlorobiphenyl	*154*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:28*	*1*
Tetrachloro-m-xylene	*159*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:28*	*1*
Tetrachloro-m-xylene	*156*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:28*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Date Collected: 09/12/12 10:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		12	5.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Antimony	ND		17	0.63	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Arsenic	**7.5**		2.3	0.46	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Barium	**210**		0.58	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Beryllium	**0.41**		0.23	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Cadmium	**0.47**		0.23	0.035	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Calcium	**9000**	**B**	58	3.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Chromium	**14**		0.58	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Cobalt	**6.6**		0.58	0.058	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Copper	**100**		1.2	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Iron	**17000**		12	1.3	mg/Kg	☼	09/14/12 09:50	09/17/12 16:03	1
Lead	**140**		1.2	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Magnesium	**2000**	**B**	23	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Manganese	**290**		0.23	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Nickel	**13**		5.8	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Potassium	**790**		35	23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Selenium	**0.68**	**J**	4.6	0.66	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Silver	ND		0.58	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Sodium	**180**	**B**	160	15	mg/Kg	☼	09/14/12 09:50	09/17/12 16:03	1
Thallium	ND		7.0	0.35	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Vanadium	**18**		0.58	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1
Zinc	**600**	**B**	2.3	0.18	mg/Kg	☼	09/14/12 09:50	09/14/12 19:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.023	0.0094	mg/Kg	☼	09/14/12 10:15	09/14/12 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		1.2	0.56	mg/Kg	☼	09/19/12 16:00	09/20/12 00:48	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00

Method: 8260B - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			09/19/12 15:01	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 15:01	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 15:01	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 15:01	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 15:01	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 15:01	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 15:01	10
Tetrachloroethene	**0.042**		0.010	0.0036	mg/L			09/19/12 15:01	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 15:01	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 15:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*09/19/12 15:01*	*10*
Toluene-d8 (Surr)	*86*		*71 - 126*		*09/19/12 15:01*	*10*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/19/12 15:01*	*10*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2,2-Tetrachloroethane	ND		6.1	0.98	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2-Trichloroethane	ND		6.1	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1-Dichloroethane	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,1-Dichloroethene	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2,4-Trichlorobenzene	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dibromoethane	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichlorobenzene	ND		6.1	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichloroethane	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,2-Dichloropropane	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,3-Dichlorobenzene	ND		6.1	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
1,4-Dichlorobenzene	ND		6.1	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
2-Hexanone	ND		30	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
2-Butanone (MEK)	ND		30	2.2	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
4-Methyl-2-pentanone (MIBK)	ND		30	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Acetone	ND		30	5.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Benzene	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromodichloromethane	ND		6.1	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromoform	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Bromomethane	ND		6.1	0.55	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Carbon disulfide	ND		6.1	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Carbon tetrachloride	ND		6.1	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chlorobenzene	ND		6.1	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Dibromochloromethane	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloroethane	ND		6.1	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloroform	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Chloromethane	ND		6.1	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
cis-1,2-Dichloroethene	ND		6.1	0.78	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
cis-1,3-Dichloropropene	ND		6.1	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Cyclohexane	ND		6.1	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Dichlorodifluoromethane	ND		6.1	0.50	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Ethylbenzene	ND		6.1	0.42	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Isopropylbenzene	ND		6.1	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methyl acetate	ND		6.1	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methyl tert-butyl ether	ND		6.1	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methylcyclohexane	ND		6.1	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Methylene Chloride	**10**		6.1	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Styrene	ND		6.1	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Tetrachloroethene	**350**	**E**	6.1	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Toluene	ND		6.1	0.46	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
trans-1,2-Dichloroethene	ND		6.1	0.63	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
trans-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Trichloroethene	**1.8**	**J**	6.1	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Trichlorofluoromethane	ND		6.1	0.57	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Vinyl chloride	ND		6.1	0.74	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 04:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 04:57*	*1*

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/13/12 22:10*	*09/14/12 04:57*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*09/13/12 22:10*	*09/14/12 04:57*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*09/13/12 22:10*	*09/14/12 04:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		31	2.3	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,1,2,2-Tetrachloroethane	ND		31	5.1	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,1,2-Trichloroethane	ND		31	4.1	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		31	7.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,1-Dichloroethane	ND		31	3.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,1-Dichloroethene	ND		31	3.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2,4-Trichlorobenzene	ND		31	1.9	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2-Dibromo-3-Chloropropane	ND		31	16	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2-Dibromoethane	ND		31	4.0	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2-Dichlorobenzene	ND		31	2.5	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2-Dichloroethane	ND		31	1.6	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,2-Dichloropropane	ND		31	16	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,3-Dichlorobenzene	ND		31	1.6	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
1,4-Dichlorobenzene	ND		31	4.4	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
2-Hexanone	ND		160	16	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
2-Butanone (MEK)	ND		160	11	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
4-Methyl-2-pentanone (MIBK)	ND		160	10	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Acetone	ND		160	26	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Benzene	ND		31	1.5	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Bromodichloromethane	ND		31	4.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Bromoform	ND		31	16	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Bromomethane	ND		31	2.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Carbon disulfide	ND		31	16	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Carbon tetrachloride	ND		31	3.0	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Chlorobenzene	ND		31	4.1	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Dibromochloromethane	ND		31	4.0	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Chloroethane	ND		31	7.1	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Chloroform	ND		31	1.9	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Chloromethane	ND		31	1.9	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
cis-1,2-Dichloroethene	ND		31	4.0	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
cis-1,3-Dichloropropene	ND		31	4.5	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Cyclohexane	ND		31	4.4	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Dichlorodifluoromethane	ND		31	2.6	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Ethylbenzene	ND		31	2.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Isopropylbenzene	ND		31	4.7	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Methyl acetate	ND		31	5.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Methyl tert-butyl ether	ND		31	3.1	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Methylcyclohexane	ND		31	4.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Methylene Chloride	**15**	**J**	31	14	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Styrene	ND		31	1.6	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Tetrachloroethene	**690**		31	4.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Toluene	ND		31	2.4	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
trans-1,2-Dichloroethene	ND		31	3.2	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
trans-1,3-Dichloropropene	ND		31	14	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Trichloroethene	ND		31	6.9	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Trichlorofluoromethane	ND		31	3.0	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		31	3.8	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1
Xylenes, Total	ND		63	5.3	ug/Kg	☼	09/16/12 12:06	09/16/12 13:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/16/12 12:06*	*09/16/12 13:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*09/16/12 12:06*	*09/16/12 13:08*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*09/16/12 12:06*	*09/16/12 13:08*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*	*09/16/12 12:06*	*09/16/12 13:08*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4,5-Trichlorophenol	ND		200	44	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4,6-Trichlorophenol	ND		200	13	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dichlorophenol	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dimethylphenol	ND		200	55	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dinitrophenol	ND		400	71	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,4-Dinitrotoluene	ND		200	31	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2,6-Dinitrotoluene	ND		200	50	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Chloronaphthalene	ND		200	14	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Chlorophenol	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Methylnaphthalene	**72**	**J**	200	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Methylphenol	ND		200	6.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Nitroaniline	ND		400	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
2-Nitrophenol	ND		200	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
3-Nitroaniline	ND		400	47	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4,6-Dinitro-2-methylphenol	ND		400	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Bromophenyl phenyl ether	ND		200	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chloro-3-methylphenol	ND		200	8.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chloroaniline	ND		200	60	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Methylphenol	ND		400	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Nitroaniline	ND		400	23	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
4-Nitrophenol	ND		400	49	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acenaphthene	**320**		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acenaphthylene	**63**	**J**	200	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Acetophenone	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Anthracene	**740**		200	5.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Atrazine	ND		200	9.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzaldehyde	ND		200	22	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(a)anthracene	**1400**		200	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(a)pyrene	**1300**		200	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(b)fluoranthene	**1500**		200	3.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(g,h,i)perylene	**290**		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Benzo(k)fluoranthene	**770**		200	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-chloroethyl)ether	ND		200	18	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Bis(2-ethylhexyl) phthalate	ND		200	65	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid
Percent Solids: 82.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		200	54	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Caprolactam	ND		200	88	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Carbazole	**290**		200	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Chrysene	**1400**		200	2.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Di-n-butyl phthalate	ND		200	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Di-n-octyl phthalate	ND		200	4.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dibenz(a,h)anthracene	ND		200	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dibenzofuran	**220**		200	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Diethyl phthalate	ND		200	6.1	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Dimethyl phthalate	ND		200	5.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Fluoranthene	**3300**		200	2.9	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Fluorene	**270**		200	4.7	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorobenzene	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorobutadiene	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachlorocyclopentadiene	ND		200	61	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Hexachloroethane	ND		200	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Indeno(1,2,3-cd)pyrene	**310**		200	5.6	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Isophorone	ND		200	10	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Naphthalene	**130**	**J**	200	3.4	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Nitrobenzene	ND		200	9.0	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Pentachlorophenol	ND		400	70	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Phenanthrene	**2900**		200	4.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Phenol	ND		200	21	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1
Pyrene	**2300**		200	1.3	ug/Kg	☼	09/14/12 12:40	09/17/12 17:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.32*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
Tetrachloroethylene	*2100*	*T J N*	*ug/Kg*	☼	*3.68*	*127-18-4*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Phenanthrene, 2-methyl-	*450*	*T J N*	*ug/Kg*	☼	*11.70*	*2531-84-2*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Unknown	*620*	*T J*	*ug/Kg*	☼	*11.77*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
Anthraquinone	*200*	*J*	*ug/Kg*	☼	*11.98*	*84-65-1*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
11H-Benzo[b]fluorene	*210*	*T J N*	*ug/Kg*	☼	*12.82*	*243-17-4*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Triphenylene, 2-methyl-	*170*	*T J N*	*ug/Kg*	☼	*13.93*	*1705-84-6*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*14.00*		*09/14/12 12:40*	*09/17/12 17:27*	*1*
7,12-Dimethylbenz(a)anthracene	*50*	*J*	*ug/Kg*	☼	*14.32*	*57-97-6*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Perylene	*710*	*T J N*	*ug/Kg*	☼	*14.72*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
2-Fluorobiphenyl	*79*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
2-Fluorophenol	*62*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Nitrobenzene-d5	*76*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
p-Terphenyl-d14	*82*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:27*	*1*
Phenol-d5	*73*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:27*	*1*

Method: 8270C - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 17:44	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 17:44	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid

Method: 8270C - TCLP Semivolatiles - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 17:44	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 17:44	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 17:44	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 17:44	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 17:44	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 17:44	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 17:44	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 17:44	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*52 - 132*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
2-Fluorobiphenyl	*87*		*48 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
2-Fluorophenol	*47*		*20 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
p-Terphenyl-d14	*104*		*67 - 150*	*09/19/12 14:39*	*09/20/12 17:44*	*1*
Phenol-d5	*33*		*16 - 120*	*09/19/12 14:39*	*09/20/12 17:44*	*1*

Method: 8081A - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 06:56	09/20/12 16:42	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 06:56	09/20/12 16:42	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 16:42	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 06:56	09/20/12 16:42	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 06:56	09/20/12 16:42	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 06:56	09/20/12 16:42	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 06:56	09/20/12 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*73*		*16 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*
DCB Decachlorobiphenyl	*96*		*16 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*
Tetrachloro-m-xylene	*70*		*35 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*
Tetrachloro-m-xylene	*96*		*35 - 120*	*09/19/12 06:56*	*09/20/12 16:42*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1221	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1232	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1242	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1248	ND		210	42	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1254	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1260	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1262	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1
PCB-1268	ND		210	100	ug/Kg	☼	09/14/12 08:15	09/15/12 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*113*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:48*	*1*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/14/12 08:15*	*09/15/12 21:48*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:48*	*1*
Tetrachloro-m-xylene	*110*		*24 - 172*	*09/14/12 08:15*	*09/15/12 21:48*	*1*

Client Sample ID: NS-SB/MW-7-SO-(1-3)
Date Collected: 09/12/12 11:15
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-7
Matrix: Solid

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 17:32	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*23*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 17:32*	*1*
2,4-Dichlorophenylacetic acid	*21*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 17:32*	*1*

Method: 1110A - Corrosivity Toward Steel

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	0.98		0.10	0.10	mm/year			09/24/12 09:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4000		13	5.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Antimony	1.4	J	20	0.71	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Arsenic	17		2.6	0.52	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Barium	1300		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Beryllium	0.32		0.26	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Cadmium	2.7		0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Calcium	32000	B	66	4.3	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Chromium	18		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Cobalt	4.7		0.66	0.066	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Copper	490		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Iron	16000		13	1.4	mg/Kg	☼	09/14/12 09:50	09/17/12 16:05	1
Lead	370		1.3	0.31	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Magnesium	1200	B	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Manganese	240		0.26	0.042	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Nickel	88		6.6	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Potassium	590		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Selenium	1.1	J	5.2	0.75	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Silver	ND		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Sodium	170	J B	180	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:05	1
Thallium	ND		7.9	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Vanadium	18		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1
Zinc	1100	B	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 19:06	1

Method: 6010B - TCLP RCRA Metals - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:45	1
Barium	2.2	B	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:45	1
Cadmium	0.0018		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:45	1
Chromium	0.031	B	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:45	1
Lead	0.43		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:45	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:45	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:45	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0015		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:58	1

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.024	0.0099	mg/Kg	☼	09/14/12 10:15	09/14/12 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	**55**		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1
Cyanide, Total	ND		1.1	0.55	mg/Kg	☼	09/19/12 16:00	09/20/12 00:49	1
Halogens, Extractable Organic	ND		61	43	mg/Kg	☼	09/20/12 06:00	09/20/12 07:01	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			09/14/12 18:48	1
pH	**7.94**		0.100	0.100	SU			09/17/12 20:45	1

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 75.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2-Trichloroethane	ND		6.5	0.84	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1-Dichloroethane	ND		6.5	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,1-Dichloroethene	ND		6.5	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2,4-Trichlorobenzene	ND		6.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dibromo-3-Chloropropane	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dibromoethane	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichlorobenzene	ND		6.5	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichloroethane	ND		6.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,2-Dichloropropane	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,3-Dichlorobenzene	ND		6.5	0.33	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
1,4-Dichlorobenzene	ND		6.5	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
2-Hexanone	ND		32	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
2-Butanone (MEK)	**24**	**J**	32	2.4	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
4-Methyl-2-pentanone (MIBK)	ND		32	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Acetone	**110**		32	5.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Benzene	ND		6.5	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromodichloromethane	ND		6.5	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromoform	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Bromomethane	ND		6.5	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Carbon disulfide	ND		6.5	3.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Carbon tetrachloride	ND		6.5	0.63	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chlorobenzene	ND		6.5	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Dibromochloromethane	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloroethane	ND		6.5	1.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloroform	ND		6.5	0.40	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Chloromethane	ND		6.5	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
cis-1,2-Dichloroethene	ND		6.5	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
cis-1,3-Dichloropropene	ND		6.5	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Cyclohexane	ND		6.5	0.91	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Dichlorodifluoromethane	ND		6.5	0.54	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid
Percent Solids: 75.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		6.5	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Isopropylbenzene	ND		6.5	0.98	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methyl acetate	ND		6.5	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methyl tert-butyl ether	ND		6.5	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methylcyclohexane	ND		6.5	0.99	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Methylene Chloride	ND		6.5	3.0	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Styrene	ND		6.5	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Tetrachloroethene	**2.3**	**J**	6.5	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Toluene	ND		6.5	0.49	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
trans-1,2-Dichloroethene	ND		6.5	0.67	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Trichloroethene	ND		6.5	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Trichlorofluoromethane	ND		6.5	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Vinyl chloride	ND		6.5	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 05:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/13/12 22:10*	*09/14/12 05:22*	*1*
Toluene-d8 (Surr)	*98*		*71 - 125*	*09/13/12 22:10*	*09/14/12 05:22*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 05:22*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**450**	**J**	4400	270	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
bis (2-chloroisopropyl) ether	ND		4400	450	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4,5-Trichlorophenol	ND		4400	950	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4,6-Trichlorophenol	ND		4400	290	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dichlorophenol	ND		4400	230	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dimethylphenol	ND		4400	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dinitrophenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,4-Dinitrotoluene	ND		4400	670	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2,6-Dinitrotoluene	ND		4400	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Chloronaphthalene	ND		4400	290	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Chlorophenol	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Methylnaphthalene	**1100**	**J**	4400	53	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Methylphenol	ND		4400	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Nitroaniline	ND		8500	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
2-Nitrophenol	ND		4400	200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
3,3'-Dichlorobenzidine	ND		4400	3800	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
3-Nitroaniline	ND		8500	1000	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4,6-Dinitro-2-methylphenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Bromophenyl phenyl ether	ND		4400	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chloro-3-methylphenol	ND		4400	180	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chloroaniline	ND		4400	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Chlorophenyl phenyl ether	ND		4400	93	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Methylphenol	ND		8500	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Nitroaniline	ND		8500	490	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
4-Nitrophenol	ND		8500	1100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Acenaphthene	**5600**		4400	51	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid
Percent Solids: 75.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**330**	**J**	4400	36	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Acetophenone	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Anthracene	**11000**		4400	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Atrazine	ND		4400	190	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzaldehyde	ND		4400	480	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(a)anthracene	**15000**		4400	75	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(a)pyrene	**16000**		4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(b)fluoranthene	**18000**		4400	84	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(g,h,i)perylene	**3700**	**J**	4400	52	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Benzo(k)fluoranthene	**7800**		4400	48	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-chloroethoxy)methane	ND		4400	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-chloroethyl)ether	ND		4400	380	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Bis(2-ethylhexyl) phthalate	ND		4400	1400	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Butyl benzyl phthalate	ND		4400	1200	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Caprolactam	ND		4400	1900	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Carbazole	**3500**	**J**	4400	50	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Chrysene	**14000**		4400	43	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Di-n-butyl phthalate	ND		4400	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Di-n-octyl phthalate	ND		4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dibenz(a,h)anthracene	ND		4400	51	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dibenzofuran	**2800**	**J**	4400	45	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Diethyl phthalate	ND		4400	130	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Dimethyl phthalate	ND		4400	110	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Fluoranthene	**36000**		4400	63	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Fluorene	**3300**	**J**	4400	100	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorobenzene	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorobutadiene	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachlorocyclopentadiene	ND		4400	1300	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Hexachloroethane	ND		4400	340	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Indeno(1,2,3-cd)pyrene	**3900**	**J**	4400	120	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Isophorone	ND		4400	220	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
N-Nitrosodi-n-propylamine	ND		4400	340	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
N-Nitrosodiphenylamine	ND		4400	240	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Naphthalene	**2200**	**J**	4400	72	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Nitrobenzene	ND		4400	190	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Pentachlorophenol	ND		8500	1500	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Phenanthrene	**36000**		4400	91	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Phenol	ND		4400	460	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20
Pyrene	**27000**		4400	28	ug/Kg	☼	09/14/12 12:40	09/17/12 17:50	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6200*	*T J*	*ug/Kg*	☼	*11.76*		*09/14/12 12:40*	*09/17/12 17:50*	*20*
Perylene	*8500*	*T J N*	*ug/Kg*	☼	*14.71*	*198-55-0*	*09/14/12 12:40*	*09/17/12 17:50*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*39 - 146*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
2-Fluorobiphenyl	*111*		*37 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
2-Fluorophenol	*78*		*18 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
Nitrobenzene-d5	*84*		*34 - 132*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
p-Terphenyl-d14	*113*		*65 - 153*	*09/14/12 12:40*	*09/17/12 17:50*	*20*
Phenol-d5	*86*		*11 - 120*	*09/14/12 12:40*	*09/17/12 17:50*	*20*

Client Sample ID: NS-SB/MW-7-SO-(8-10)
Date Collected: 09/12/12 11:20
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-8
Matrix: Solid
Percent Solids: 75.4

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1221	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1232	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1242	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1248	ND		310	60	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1254	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1260	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1262	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1
PCB-1268	ND		310	140	ug/Kg	☼	09/14/12 08:15	09/15/12 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:08*	*1*
DCB Decachlorobiphenyl	*87*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:08*	*1*
Tetrachloro-m-xylene	*91*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:08*	*1*
Tetrachloro-m-xylene	*90*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:08*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		13	5.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Antimony	ND		20	0.71	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Arsenic	**11**		2.6	0.53	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Barium	**250**		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Beryllium	**0.61**		0.26	0.037	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Cadmium	**0.29**		0.26	0.039	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Calcium	**5100**	**B**	66	4.3	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Chromium	**10**		0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Cobalt	**8.3**		0.66	0.066	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Copper	**51**		1.3	0.28	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Iron	**8300**		13	1.4	mg/Kg	☼	09/14/12 09:50	09/17/12 16:07	1
Lead	**13000**		1.3	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Magnesium	**1100**	**B**	26	1.2	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Manganese	**81**		0.26	0.042	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Nickel	**630**		6.6	0.30	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Potassium	**1100**		39	26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Selenium	**5.7**		5.3	0.75	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Silver	**0.41**	**J**	0.66	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Sodium	**340**	**B**	180	17	mg/Kg	☼	09/14/12 09:50	09/17/12 16:07	1
Thallium	ND		7.9	0.39	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Vanadium	**27**		0.66	0.14	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1
Zinc	**2300**	**B**	2.6	0.20	mg/Kg	☼	09/14/12 09:50	09/14/12 19:08	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.2**		0.25	0.10	mg/Kg	☼	09/14/12 10:15	09/14/12 15:21	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.65**	**J**	1.3	0.62	mg/Kg	☼	09/19/12 16:00	09/20/12 00:50	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	0.41	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1,2-Trichloroethane	ND		5.7	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1-Dichloroethane	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,1-Dichloroethene	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2,4-Trichlorobenzene	ND		5.7	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dibromo-3-Chloropropane	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dibromoethane	ND		5.7	0.73	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichlorobenzene	ND		5.7	0.44	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichloroethane	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,2-Dichloropropane	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,3-Dichlorobenzene	ND		5.7	0.29	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
1,4-Dichlorobenzene	ND		5.7	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
2-Hexanone	ND		28	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
2-Butanone (MEK)	ND		28	2.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Acetone	ND		28	4.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Benzene	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromodichloromethane	ND		5.7	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Bromomethane	ND		5.7	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Carbon disulfide	ND		5.7	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Carbon tetrachloride	ND		5.7	0.55	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chlorobenzene	ND		5.7	0.75	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Dibromochloromethane	ND		5.7	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloroethane	ND		5.7	1.3	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloroform	ND		5.7	0.35	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Chloromethane	ND		5.7	0.34	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
cis-1,2-Dichloroethene	ND		5.7	0.72	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
cis-1,3-Dichloropropene	ND		5.7	0.81	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Cyclohexane	ND		5.7	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Dichlorodifluoromethane	ND		5.7	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Ethylbenzene	ND		5.7	0.39	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Isopropylbenzene	ND		5.7	0.85	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methyl acetate	ND		5.7	1.1	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methyl tert-butyl ether	ND		5.7	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methylcyclohexane	ND		5.7	0.86	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Methylene Chloride	ND		5.7	2.6	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Styrene	ND		5.7	0.28	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Tetrachloroethene	**1.3**	**J**	5.7	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Toluene	ND		5.7	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
trans-1,2-Dichloroethene	ND		5.7	0.58	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Trichloroethene	ND		5.7	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Trichlorofluoromethane	ND		5.7	0.53	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Vinyl chloride	ND		5.7	0.69	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1
Xylenes, Total	ND		11	0.95	ug/Kg	☼	09/13/12 22:10	09/14/12 05:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 05:48*	*1*

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*09/13/12 22:10*	*09/14/12 05:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*09/13/12 22:10*	*09/14/12 05:48*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*09/13/12 22:10*	*09/14/12 05:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	120	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
bis (2-chloroisopropyl) ether	ND		1900	200	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4,5-Trichlorophenol	ND		1900	410	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4,6-Trichlorophenol	ND		1900	120	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dichlorophenol	ND		1900	98	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dimethylphenol	ND		1900	510	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dinitrophenol	ND		3700	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,4-Dinitrotoluene	ND		1900	290	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2,6-Dinitrotoluene	ND		1900	460	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Chloronaphthalene	ND		1900	130	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Chlorophenol	ND		1900	95	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Methylnaphthalene	**120**	**J**	1900	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Methylphenol	ND		1900	58	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Nitroaniline	ND		3700	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
2-Nitrophenol	ND		1900	86	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
3,3'-Dichlorobenzidine	ND		1900	1600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
3-Nitroaniline	ND		3700	430	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4,6-Dinitro-2-methylphenol	ND		3700	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Bromophenyl phenyl ether	ND		1900	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chloro-3-methylphenol	ND		1900	77	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chloroaniline	ND		1900	550	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Chlorophenyl phenyl ether	ND		1900	40	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Methylphenol	ND		3700	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Nitroaniline	ND		3700	210	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
4-Nitrophenol	ND		3700	450	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acenaphthene	**320**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acenaphthylene	ND		1900	15	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Acetophenone	ND		1900	96	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Anthracene	**810**	**J**	1900	48	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Atrazine	ND		1900	83	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzaldehyde	ND		1900	210	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(a)anthracene	**1600**	**J**	1900	32	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(a)pyrene	**1500**	**J**	1900	45	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(b)fluoranthene	**1800**	**J**	1900	36	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(g,h,i)perylene	**350**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Benzo(k)fluoranthene	**1200**	**J**	1900	21	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-chloroethoxy)methane	ND		1900	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-chloroethyl)ether	ND		1900	160	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Bis(2-ethylhexyl) phthalate	ND		1900	600	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Butyl benzyl phthalate	ND		1900	500	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Caprolactam	ND		1900	810	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Carbazole	**390**	**J**	1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Chrysene	**1500**	**J**	1900	19	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Di-n-butyl phthalate	ND		1900	650	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Di-n-octyl phthalate	ND		1900	44	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Dibenz(a,h)anthracene	ND		1900	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10

Client Sample ID: NS-SB/MW-2-SO-(1-3)
Date Collected: 09/12/12 13:40
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-9
Matrix: Solid
Percent Solids: 88.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**250**	**J**	1900	19	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Diethyl phthalate	ND		1900	57	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Dimethyl phthalate	ND		1900	49	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Fluoranthene	**2900**		1900	27	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Fluorene	ND		1900	43	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorobenzene	ND		1900	93	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorobutadiene	ND		1900	96	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachlorocyclopentadiene	ND		1900	570	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Hexachloroethane	ND		1900	140	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Indeno(1,2,3-cd)pyrene	**400**	**J**	1900	52	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Isophorone	ND		1900	93	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
N-Nitrosodi-n-propylamine	ND		1900	150	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
N-Nitrosodiphenylamine	ND		1900	100	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Naphthalene	**250**	**J**	1900	31	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Nitrobenzene	ND		1900	83	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Pentachlorophenol	ND		3700	640	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Phenanthrene	**3400**		1900	39	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Phenol	ND		1900	200	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10
Pyrene	**2600**		1900	12	ug/Kg	☼	09/14/12 12:40	09/17/12 18:14	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/14/12 12:40*	*09/17/12 18:14*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*102*		*39 - 146*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
2-Fluorobiphenyl	*110*		*37 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
2-Fluorophenol	*75*		*18 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
Nitrobenzene-d5	*87*		*34 - 132*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
p-Terphenyl-d14	*112*		*65 - 153*	*09/14/12 12:40*	*09/17/12 18:14*	*10*
Phenol-d5	*86*		*11 - 120*	*09/14/12 12:40*	*09/17/12 18:14*	*10*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1221	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1232	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1242	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1248	ND		230	46	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1254	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1260	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1262	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1
PCB-1268	ND		230	110	ug/Kg	☼	09/14/12 08:15	09/15/12 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*114*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:28*	*1*
DCB Decachlorobiphenyl	*108*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:28*	*1*
Tetrachloro-m-xylene	*117*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:28*	*1*
Tetrachloro-m-xylene	*115*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:28*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6300**		11	4.7	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(1-3)

Lab Sample ID: 480-25085-9
Date Collected: 09/12/12 13:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 88.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		16	0.58	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Arsenic	**16**		2.1	0.43	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Barium	**950**		0.53	0.12	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Beryllium	**0.55**		0.21	0.030	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Cadmium	**1.5**		0.21	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Calcium	**12000**	**B**	53	3.5	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Chromium	**20**		0.53	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Cobalt	**8.4**		0.53	0.053	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Copper	**160**		1.1	0.22	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Iron	**15000**		11	1.2	mg/Kg	☼	09/14/12 09:50	09/17/12 16:09	1
Lead	**230**		1.1	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Magnesium	**2000**	**B**	21	0.99	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Manganese	**230**		0.21	0.034	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Nickel	**17**		5.3	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Potassium	**1500**		32	21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Selenium	**2.0**	**J**	4.3	0.61	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Silver	**1.2**		0.53	0.21	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Sodium	**360**	**B**	150	14	mg/Kg	☼	09/14/12 09:50	09/17/12 16:09	1
Thallium	ND		6.4	0.32	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Vanadium	**25**		0.53	0.12	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1
Zinc	**620**	**B**	2.1	0.16	mg/Kg	☼	09/14/12 09:50	09/14/12 19:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.0**		0.22	0.091	mg/Kg	☼	09/14/12 10:15	09/14/12 15:24	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**1.4**		1.1	0.51	mg/Kg	☼	09/19/12 16:00	09/20/12 00:51	1

Client Sample ID: NS-SB/MW-2-SO-(10-11)

Lab Sample ID: 480-25085-10
Date Collected: 09/12/12 13:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2-Trichloroethane	ND		6.2	0.80	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1-Dichloroethane	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2,4-Trichlorobenzene	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dibromo-3-Chloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dibromoethane	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichlorobenzene	ND		6.2	0.48	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,3-Dichlorobenzene	ND		6.2	0.32	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
1,4-Dichlorobenzene	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
2-Hexanone	ND		31	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		31	2.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Acetone	25	J	31	5.2	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Benzene	ND		6.2	0.30	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Carbon disulfide	ND		6.2	3.1	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chlorobenzene	ND		6.2	0.82	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Dibromochloromethane	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloroform	ND		6.2	0.38	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Chloromethane	ND		6.2	0.37	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
cis-1,2-Dichloroethene	ND		6.2	0.79	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
cis-1,3-Dichloropropene	ND		6.2	0.89	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Cyclohexane	ND		6.2	0.87	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Ethylbenzene	ND		6.2	0.43	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Isopropylbenzene	ND		6.2	0.93	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methyl acetate	ND		6.2	1.2	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methylcyclohexane	ND		6.2	0.94	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Methylene Chloride	ND		6.2	2.8	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Styrene	ND		6.2	0.31	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Tetrachloroethene	ND		6.2	0.83	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Toluene	ND		6.2	0.47	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
trans-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Trichlorofluoromethane	ND		6.2	0.59	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Vinyl chloride	ND		6.2	0.76	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/13/12 22:10	09/14/12 06:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼			*09/13/12 22:10*	*09/14/12 06:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/13/12 22:10*	*09/14/12 06:14*	*1*
Toluene-d8 (Surr)	*99*		*71 - 125*	*09/13/12 22:10*	*09/14/12 06:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*09/13/12 22:10*	*09/14/12 06:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	13	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
bis (2-chloroisopropyl) ether	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4,6-Trichlorophenol	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dichlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dimethylphenol	ND		210	57	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dinitrophenol	ND		410	73	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,4-Dinitrotoluene	ND		210	32	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2,6-Dinitrotoluene	ND		210	51	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		210	14	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Chlorophenol	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Methylnaphthalene	**26**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Methylphenol	ND		210	6.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Nitroaniline	ND		410	67	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
2-Nitrophenol	ND		210	9.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
3,3'-Dichlorobenzidine	ND		210	180	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
3-Nitroaniline	ND		410	48	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4,6-Dinitro-2-methylphenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Bromophenyl phenyl ether	ND		210	67	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chloro-3-methylphenol	ND		210	8.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chloroaniline	ND		210	62	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Chlorophenyl phenyl ether	ND		210	4.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Methylphenol	**35**	**J**	410	12	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Nitroaniline	ND		410	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
4-Nitrophenol	ND		410	51	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acenaphthene	**100**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acenaphthylene	**43**	**J**	210	1.7	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Acetophenone	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Anthracene	**240**		210	5.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Atrazine	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzaldehyde	ND		210	23	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(a)anthracene	**630**		210	3.6	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(a)pyrene	**640**		210	5.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(b)fluoranthene	**750**		210	4.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(g,h,i)perylene	**150**	**J**	210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Benzo(k)fluoranthene	**420**		210	2.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-chloroethoxy)methane	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-chloroethyl)ether	ND		210	18	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Bis(2-ethylhexyl) phthalate	ND		210	68	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Butyl benzyl phthalate	ND		210	56	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Caprolactam	ND		210	91	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Carbazole	**90**	**J**	210	2.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Chrysene	**640**		210	2.1	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Di-n-butyl phthalate	ND		210	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Di-n-octyl phthalate	ND		210	4.9	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dibenz(a,h)anthracene	ND		210	2.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dibenzofuran	**50**	**J**	210	2.2	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Diethyl phthalate	ND		210	6.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Dimethyl phthalate	ND		210	5.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Fluoranthene	**1300**		210	3.0	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Fluorene	**32**	**J**	210	4.8	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorobenzene	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorobutadiene	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachlorocyclopentadiene	ND		210	63	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Hexachloroethane	ND		210	16	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Indeno(1,2,3-cd)pyrene	**150**	**J**	210	5.8	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Isophorone	ND		210	10	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
N-Nitrosodi-n-propylamine	ND		210	17	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
N-Nitrosodiphenylamine	ND		210	11	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Naphthalene	**47**	**J**	210	3.5	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		210	9.3	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Pentachlorophenol	ND		410	72	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Phenanthrene	**1000**		210	4.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Phenol	ND		210	22	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1
Pyrene	**1100**		210	1.4	ug/Kg	☼	09/14/12 12:40	09/17/12 18:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.28*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*12.36*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*12.77*		*09/14/12 12:40*	*09/17/12 18:37*	*1*
7,12-Dimethylbenz(a)anthracene	*23*	*J*	*ug/Kg*	☼	*14.31*	*57-97-6*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Perylene	*340*	*T J N*	*ug/Kg*	☼	*14.70*	*198-55-0*	*09/14/12 12:40*	*09/17/12 18:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*39 - 146*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
2-Fluorobiphenyl	*80*		*37 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
2-Fluorophenol	*65*		*18 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Nitrobenzene-d5	*77*		*34 - 132*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
p-Terphenyl-d14	*79*		*65 - 153*	*09/14/12 12:40*	*09/17/12 18:37*	*1*
Phenol-d5	*75*		*11 - 120*	*09/14/12 12:40*	*09/17/12 18:37*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1221	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1232	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1242	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1248	ND		250	50	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1254	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1260	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1262	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1
PCB-1268	ND		250	120	ug/Kg	☼	09/14/12 08:15	09/15/12 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*116*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:48*	*1*
DCB Decachlorobiphenyl	*109*		*36 - 182*	*09/14/12 08:15*	*09/15/12 22:48*	*1*
Tetrachloro-m-xylene	*113*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:48*	*1*
Tetrachloro-m-xylene	*112*		*24 - 172*	*09/14/12 08:15*	*09/15/12 22:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		11	5.0	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Antimony	ND		17	0.62	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Arsenic	**10**		2.3	0.46	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Barium	**130**		0.57	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Beryllium	**0.80**		0.23	0.032	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Cadmium	**0.21**	**J**	0.23	0.034	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Calcium	**11000**	**B**	57	3.8	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Chromium	**14**		0.57	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Cobalt	**7.7**		0.57	0.057	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Copper	**35**		1.1	0.24	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Iron	**15000**		11	1.3	mg/Kg	☼	09/14/12 09:50	09/17/12 16:11	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-2-SO-(10-11)
Date Collected: 09/12/12 13:45
Date Received: 09/13/12 09:00

Lab Sample ID: 480-25085-10
Matrix: Solid
Percent Solids: 80.0

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1900		1.1	0.27	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Magnesium	1800	B	23	1.1	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Manganese	230		0.23	0.036	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Nickel	15		5.7	0.26	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Potassium	980		34	23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Selenium	ND		4.6	0.65	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Silver	ND		0.57	0.23	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Sodium	730	B	160	15	mg/Kg	☼	09/14/12 09:50	09/17/12 16:11	1
Thallium	ND		6.8	0.34	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Vanadium	21		0.57	0.13	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1
Zinc	130	B	2.3	0.17	mg/Kg	☼	09/14/12 09:50	09/14/12 19:13	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.9		0.24	0.099	mg/Kg	☼	09/14/12 10:15	09/14/12 15:25	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.74	J	1.2	0.57	mg/Kg	☼	09/19/12 16:00	09/20/12 00:52	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8260B - TCLP Volatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
LCS 480-81278/4	Lab Control Sample	89	87	87
MB 480-81278/5	Method Blank	89	84	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	93	86	84
LB 480-80886/1-A LB	Method Blank	92	87	87

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-25085-1	NS-SB/MW-1-SO-(1-3)	104	98	93
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	104	96	93
480-25085-3	NS-SB/MW-5-SO-(1-3)	111	106	100
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	101	96	94
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	87	99	92
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	88	99	93
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	103	97	91
480-25085-6	NS-SB/MW-6-SO-(10-11)	107	102	99
480-25085-7	NS-SB/MW-7-SO-(1-3)	105	105	88
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	110	108	90
480-25085-8	NS-SB/MW-7-SO-(8-10)	104	98	94
480-25085-9	NS-SB/MW-2-SO-(1-3)	109	101	97
480-25085-10	NS-SB/MW-2-SO-(10-11)	105	99	94
LCS 480-80508/5	Lab Control Sample	100	102	99
LCS 480-80812/5	Lab Control Sample	110	104	103
MB 480-80508/6	Method Blank	103	102	98
MB 480-80812/6	Method Blank	89	101	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(39-146)	(37-120)	(18-120)	(34-132)	(65-153)	(11-120)
480-25085-1	NS-SB/MW-1-SO-(1-3)	91	99	70	80	108	79
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	25 X	83	48	78	84	76
480-25085-3	NS-SB/MW-5-SO-(1-3)	90	108	76	86	119	87
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	90	80	65	73	84	74
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	88	98	71	81	109	82
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	94	90	73	82	98	81
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	64	106	73	87	113	84
480-25085-6	NS-SB/MW-6-SO-(10-11)	77	84	61	70	95	70
480-25085-7	NS-SB/MW-7-SO-(1-3)	85	79	62	76	82	73
480-25085-8	NS-SB/MW-7-SO-(8-10)	94	111	78	84	113	86
480-25085-9	NS-SB/MW-2-SO-(1-3)	102	110	75	87	112	86
480-25085-10	NS-SB/MW-2-SO-(10-11)	88	80	65	77	79	75
LCS 480-80638/2-A	Lab Control Sample	95	96	81	91	112	87
MB 480-80638/1-A	Method Blank	92	86	71	82	92	78

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-81329/2-A	Lab Control Sample	104	97	57	93	113	40
MB 480-81329/1-A	Method Blank	94	84	45	82	105	32

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270C - TCLP Semivolatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	99	87	47	85	104	33
LB 480-80843/1-E LB	Method Blank	104	86	47	83	107	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
LB 480-81196/5-A LB	Method Blank	81	103	74	93
LCS 480-81196/2-A	Lab Control Sample	72	90	80	101
MB 480-81196/1-A	Method Blank	89	107	71	91

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081A - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(16-120)	(16-120)	(35-120)	(35-120)
480-25085-7	NS-SB/MW-7-SO-(1-3)	73	96	70	96

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(36-182)	(36-182)	(24-172)	(24-172)
480-25085-1	NS-SB/MW-1-SO-(1-3)	94	90	96	94
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	72	87	91	93
480-25085-3	NS-SB/MW-5-SO-(1-3)	86	87	108	104
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	103	97	101	102
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	97	94	101	90
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	117	109	124	118
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	107	102	111	110
480-25085-6	NS-SB/MW-6-SO-(10-11)	164	154	159	156
480-25085-7	NS-SB/MW-7-SO-(1-3)	113	108	112	110
480-25085-8	NS-SB/MW-7-SO-(8-10)	92	87	91	90
480-25085-9	NS-SB/MW-2-SO-(1-3)	114	108	117	115
480-25085-10	NS-SB/MW-2-SO-(10-11)	116	109	113	112
LCS 480-80563/2-A	Lab Control Sample	151	141	155	138
LCS 480-81066/2-A	Lab Control Sample	151	140	162	149
MB 480-80563/1-A	Method Blank	134	126	126	125
MB 480-81066/1-A	Method Blank	135	126	135	134

Surrogate Legend
DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-132)	(32-132)								
LCS 480-81194/2-A	Lab Control Sample	104	93								
MB 480-81194/1-A	Method Blank	86	92								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPA1	DCPA2								
Lab Sample ID	Client Sample ID	(32-132)	(32-132)								
480-25085-7	NS-SB/MW-7-SO-(1-3)	23 X	21 X								
LB 480-80843/1-D LB	Method Blank	20 X	24 X								

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260B - TCLP Volatiles

Lab Sample ID: MB 480-81278/5
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/19/12 13:31	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/19/12 13:31	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/19/12 13:31	1
Benzene	ND		0.0010	0.00041	mg/L			09/19/12 13:31	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/19/12 13:31	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/19/12 13:31	1
Chloroform	ND		0.0010	0.00034	mg/L			09/19/12 13:31	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/19/12 13:31	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/19/12 13:31	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/19/12 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*09/19/12 13:31*	*1*
Toluene-d8 (Surr)	*84*		*71 - 126*		*09/19/12 13:31*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*09/19/12 13:31*	*1*

Lab Sample ID: LCS 480-81278/4
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	0.0250	0.0249		mg/L		100	65 - 138
1,2-Dichloroethane	0.0250	0.0246		mg/L		98	75 - 127
Benzene	0.0250	0.0253		mg/L		101	71 - 124
Chlorobenzene	0.0250	0.0234		mg/L		94	72 - 120
Tetrachloroethene	0.0250	0.0234		mg/L		93	74 - 122
Trichloroethene	0.0250	0.0248		mg/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*87*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			09/19/12 14:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			09/19/12 14:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			09/19/12 14:11	10
Benzene	ND		0.010	0.0041	mg/L			09/19/12 14:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			09/19/12 14:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			09/19/12 14:11	10
Chloroform	ND		0.010	0.0034	mg/L			09/19/12 14:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			09/19/12 14:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			09/19/12 14:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			09/19/12 14:11	10

Method: 8260B - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-80886/1-A LB
Matrix: Solid
Analysis Batch: 81278

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*09/19/12 14:11*	*10*
Toluene-d8 (Surr)	*87*		*71 - 126*		*09/19/12 14:11*	*10*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*09/19/12 14:11*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-80508/6
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/13/12 23:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/13/12 23:31	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/13/12 23:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/13/12 23:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/13/12 23:31	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/13/12 23:31	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/13/12 23:31	1
2-Hexanone	2.78	J	25	2.5	ug/Kg			09/13/12 23:31	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/13/12 23:31	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/13/12 23:31	1
Acetone	ND		25	4.2	ug/Kg			09/13/12 23:31	1
Benzene	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/13/12 23:31	1
Bromoform	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/13/12 23:31	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/13/12 23:31	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/13/12 23:31	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/13/12 23:31	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
Chloroform	ND		5.0	0.31	ug/Kg			09/13/12 23:31	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/13/12 23:31	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/13/12 23:31	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/13/12 23:31	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/13/12 23:31	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/13/12 23:31	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/13/12 23:31	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/13/12 23:31	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/13/12 23:31	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/13/12 23:31	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/13/12 23:31	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80508/6
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/13/12 23:31	1
Styrene	ND		5.0	0.25	ug/Kg			09/13/12 23:31	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/13/12 23:31	1
Toluene	ND		5.0	0.38	ug/Kg			09/13/12 23:31	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/13/12 23:31	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/13/12 23:31	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/13/12 23:31	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/13/12 23:31	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/13/12 23:31	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/13/12 23:31	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene	*2.51*	*J*	*ug/Kg*		*17.59*	*91-20-3*		*09/13/12 23:31*	*1*
Tentatively Identified Compound	*None*		*ug/Kg*					*09/13/12 23:31*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*		*09/13/12 23:31*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*		*09/13/12 23:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*		*09/13/12 23:31*	*1*

Lab Sample ID: LCS 480-80508/5
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	50.7		ug/Kg		101	79 - 126
1,1-Dichloroethene	50.0	51.0		ug/Kg		102	65 - 153
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	51.5		ug/Kg		103	77 - 122
Benzene	50.0	50.3		ug/Kg		101	79 - 127
Chlorobenzene	50.0	48.8		ug/Kg		98	76 - 124
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	74 - 126
Ethylbenzene	50.0	48.8		ug/Kg		98	73 - 134
Methyl tert-butyl ether	50.0	53.5		ug/Kg		107	63 - 125
Tetrachloroethene	50.0	48.0		ug/Kg		96	70 - 139
Toluene	50.0	48.0		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	66 - 135
Trichloroethene	50.0	50.6		ug/Kg		101	77 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80515

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		60.2	55.0		ug/Kg	☼	91	79 - 126
1,1-Dichloroethene	ND		60.2	48.5		ug/Kg	☼	81	65 - 153
1,2-Dichlorobenzene	ND		60.2	40.0	F	ug/Kg	☼	67	75 - 120
1,2-Dichloroethane	ND		60.2	47.2		ug/Kg	☼	79	77 - 122
Benzene	ND		60.2	54.0		ug/Kg	☼	90	79 - 127
Chlorobenzene	ND		60.2	46.9		ug/Kg	☼	78	76 - 124
cis-1,2-Dichloroethene	ND		60.2	51.8		ug/Kg	☼	86	74 - 126
Ethylbenzene	ND		60.2	49.2		ug/Kg	☼	82	73 - 184
Methyl tert-butyl ether	ND		60.2	43.4		ug/Kg	☼	72	63 - 125
Tetrachloroethene	1.5	J	60.2	67.1		ug/Kg	☼	109	70 - 139
Toluene	ND		60.2	49.2		ug/Kg	☼	82	74 - 128
trans-1,2-Dichloroethene	ND		60.2	53.1		ug/Kg	☼	88	66 - 135
Trichloroethene	ND		60.2	50.7		ug/Kg	☼	84	77 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 80508

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80515

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		61.5	61.5		ug/Kg	☼	100	79 - 126	11	30
1,1-Dichloroethene	ND		61.5	54.2		ug/Kg	☼	88	65 - 153	11	30
1,2-Dichlorobenzene	ND		61.5	45.2	F	ug/Kg	☼	74	75 - 120	12	30
1,2-Dichloroethane	ND		61.5	52.8		ug/Kg	☼	86	77 - 122	11	30
Benzene	ND		61.5	60.7		ug/Kg	☼	99	79 - 127	12	30
Chlorobenzene	ND		61.5	52.4		ug/Kg	☼	85	76 - 124	11	30
cis-1,2-Dichloroethene	ND		61.5	57.8		ug/Kg	☼	94	74 - 126	11	30
Ethylbenzene	ND		61.5	55.8		ug/Kg	☼	91	73 - 184	12	30
Methyl tert-butyl ether	ND		61.5	49.8		ug/Kg	☼	81	63 - 125	14	30
Tetrachloroethene	1.5	J	61.5	81.9		ug/Kg	☼	131	70 - 139	20	30
Toluene	ND		61.5	55.1		ug/Kg	☼	90	74 - 128	11	30
trans-1,2-Dichloroethene	ND		61.5	59.3		ug/Kg	☼	97	66 - 135	11	30
Trichloroethene	ND		61.5	56.7		ug/Kg	☼	92	77 - 129	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			09/16/12 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			09/16/12 12:26	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			09/16/12 12:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			09/16/12 12:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			09/16/12 12:26	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			09/16/12 12:26	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			09/16/12 12:26	1
2-Hexanone	ND		25	2.5	ug/Kg			09/16/12 12:26	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			09/16/12 12:26	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			09/16/12 12:26	1
Acetone	ND		25	4.2	ug/Kg			09/16/12 12:26	1
Benzene	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			09/16/12 12:26	1
Bromoform	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
Bromomethane	ND		5.0	0.45	ug/Kg			09/16/12 12:26	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			09/16/12 12:26	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			09/16/12 12:26	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			09/16/12 12:26	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
Chloroethane	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
Chloroform	ND		5.0	0.31	ug/Kg			09/16/12 12:26	1
Chloromethane	ND		5.0	0.30	ug/Kg			09/16/12 12:26	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			09/16/12 12:26	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			09/16/12 12:26	1
Cyclohexane	ND		5.0	0.70	ug/Kg			09/16/12 12:26	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			09/16/12 12:26	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			09/16/12 12:26	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			09/16/12 12:26	1
Methyl acetate	ND		5.0	0.93	ug/Kg			09/16/12 12:26	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			09/16/12 12:26	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			09/16/12 12:26	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			09/16/12 12:26	1
Styrene	ND		5.0	0.25	ug/Kg			09/16/12 12:26	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/16/12 12:26	1
Toluene	ND		5.0	0.38	ug/Kg			09/16/12 12:26	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			09/16/12 12:26	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			09/16/12 12:26	1
Trichloroethene	ND		5.0	1.1	ug/Kg			09/16/12 12:26	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			09/16/12 12:26	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			09/16/12 12:26	1
Xylenes, Total	ND		10	0.84	ug/Kg			09/16/12 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80812/6
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Naphthalene	1.96	J	ug/Kg		17.58	91-20-3		09/16/12 12:26	1
Tentatively Identified Compound	None		ug/Kg					09/16/12 12:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		64 - 126		09/16/12 12:26	1
Toluene-d8 (Surr)	101		71 - 125		09/16/12 12:26	1
4-Bromofluorobenzene (Surr)	95		72 - 126		09/16/12 12:26	1

Lab Sample ID: LCS 480-80812/5
Matrix: Solid
Analysis Batch: 80812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	79 - 126
1,1-Dichloroethene	50.0	49.7		ug/Kg		99	65 - 153
1,2-Dichlorobenzene	50.0	44.7		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	77 - 122
Benzene	50.0	49.5		ug/Kg		99	79 - 127
Chlorobenzene	50.0	45.2		ug/Kg		90	76 - 124
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	74 - 126
Ethylbenzene	50.0	45.8		ug/Kg		92	73 - 134
Methyl tert-butyl ether	50.0	50.0		ug/Kg		100	63 - 125
Tetrachloroethene	50.0	44.8		ug/Kg		90	70 - 139
Toluene	50.0	44.3		ug/Kg		89	74 - 128
trans-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	66 - 135
Trichloroethene	50.0	49.4		ug/Kg		99	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		64 - 126
Toluene-d8 (Surr)	104		71 - 125
4-Bromofluorobenzene (Surr)	103		72 - 126

Method: 8270C - TCLP Semivolatiles

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pyridine	ND		0.0063	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		09/19/12 14:39	09/20/12 13:19	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		09/19/12 14:39	09/20/12 13:19	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		09/19/12 14:39	09/20/12 13:19	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: MB 480-81329/1-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		09/19/12 14:39	09/20/12 13:19	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		09/19/12 14:39	09/20/12 13:19	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		09/19/12 14:39	09/20/12 13:19	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		09/19/12 14:39	09/20/12 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*94*		*52 - 132*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
2-Fluorophenol	*45*		*20 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
p-Terphenyl-d14	*105*		*67 - 150*	*09/19/12 14:39*	*09/20/12 13:19*	*1*
Phenol-d5	*32*		*16 - 120*	*09/19/12 14:39*	*09/20/12 13:19*	*1*

Lab Sample ID: LCS 480-81329/2-A
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.100	0.0678		mg/L		68	32 - 120
2,4-Dinitrotoluene	0.100	0.103		mg/L		103	59 - 125
Hexachloroethane	0.100	0.0655		mg/L		65	25 - 120
Pentachlorophenol	0.100	0.0939		mg/L		94	39 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*52 - 132*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*57*		*20 - 120*
Nitrobenzene-d5	*93*		*46 - 120*
p-Terphenyl-d14	*113*		*67 - 150*
Phenol-d5	*40*		*16 - 120*

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		09/19/12 14:39	09/20/12 14:55	1
3-Methylphenol	ND		0.010	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pyridine	ND		0.025	0.00041	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		09/19/12 14:39	09/20/12 14:55	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		09/19/12 14:39	09/20/12 14:55	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		09/19/12 14:39	09/20/12 14:55	1
4-Methylphenol	ND		0.010	0.00036	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		09/19/12 14:39	09/20/12 14:55	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		09/19/12 14:39	09/20/12 14:55	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		09/19/12 14:39	09/20/12 14:55	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		09/19/12 14:39	09/20/12 14:55	1

Method: 8270C - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-80843/1-E LB
Matrix: Solid
Analysis Batch: 81475

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81329

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	*104*		*52 - 132*	*09/19/12 14:39*	*09/20/12 14:55*	*1*
2-Fluorobiphenyl	*86*		*48 - 120*	*09/19/12 14:39*	*09/20/12 14:55*	*1*
2-Fluorophenol	*47*		*20 - 120*	*09/19/12 14:39*	*09/20/12 14:55*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*09/19/12 14:39*	*09/20/12 14:55*	*1*
p-Terphenyl-d14	*107*		*67 - 150*	*09/19/12 14:39*	*09/20/12 14:55*	*1*
Phenol-d5	*33*		*16 - 120*	*09/19/12 14:39*	*09/20/12 14:55*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-80638/1-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	10	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
bis (2-chloroisopropyl) ether	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dichlorophenol	ND		170	8.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dimethylphenol	ND		170	46	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dinitrophenol	ND		330	59	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4-Dinitrotoluene	ND		170	26	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,6-Dinitrotoluene	ND		170	41	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Chloronaphthalene	ND		170	11	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Chlorophenol	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Methylnaphthalene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2,4,6-Trichlorophenol	ND		170	11	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Methylphenol	ND		170	5.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Nitroaniline	ND		330	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
2-Nitrophenol	ND		170	7.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
3,3'-Dichlorobenzidine	ND		170	150	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
3-Nitroaniline	ND		330	39	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4,6-Dinitro-2-methylphenol	ND		330	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Bromophenyl phenyl ether	ND		170	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chloro-3-methylphenol	ND		170	6.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chloroaniline	ND		170	49	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Chlorophenyl phenyl ether	ND		170	3.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Methylphenol	ND		330	9.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Nitroaniline	ND		330	19	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
4-Nitrophenol	ND		330	41	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acenaphthene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acenaphthylene	ND		170	1.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Acetophenone	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Anthracene	ND		170	4.3	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Atrazine	ND		170	7.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzaldehyde	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(a)anthracene	ND		170	2.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(a)pyrene	ND		170	4.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(b)fluoranthene	ND		170	3.3	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Benzo(g,h,i)perylene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-80638/1-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(k)fluoranthene	ND		170	1.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-chloroethoxy)methane	ND		170	9.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-chloroethyl)ether	ND		170	15	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Bis(2-ethylhexyl) phthalate	ND		170	54	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Butyl benzyl phthalate	ND		170	45	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Caprolactam	ND		170	73	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Carbazole	ND		170	1.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Chrysene	ND		170	1.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Di-n-butyl phthalate	ND		170	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Di-n-octyl phthalate	ND		170	3.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dibenz(a,h)anthracene	ND		170	2.0	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dibenzofuran	ND		170	1.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Diethyl phthalate	ND		170	5.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Dimethyl phthalate	ND		170	4.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Fluoranthene	ND		170	2.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Fluorene	ND		170	3.9	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorobenzene	ND		170	8.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorobutadiene	ND		170	8.6	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachlorocyclopentadiene	ND		170	51	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Hexachloroethane	ND		170	13	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Indeno(1,2,3-cd)pyrene	ND		170	4.7	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Isophorone	ND		170	8.4	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
N-Nitrosodi-n-propylamine	ND		170	13	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
N-Nitrosodiphenylamine	ND		170	9.2	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Naphthalene	ND		170	2.8	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Nitrobenzene	ND		170	7.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Pentachlorophenol	ND		330	58	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Phenanthrene	ND		170	3.5	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Phenol	ND		170	18	ug/Kg		09/14/12 12:40	09/17/12 12:43	1
Pyrene	ND		170	1.1	ug/Kg		09/14/12 12:40	09/17/12 12:43	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*189*	*T J*	*ug/Kg*		*2.11*		*09/14/12 12:40*	*09/17/12 12:43*	*1*
Unknown	*1100*	*T J*	*ug/Kg*		*2.27*		*09/14/12 12:40*	*09/17/12 12:43*	*1*
Ethane, 1,1,2-trichloro-	*226*	*T J N*	*ug/Kg*		*3.28*	*79-0-5*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Ethane, 1,1,2,2-tetrachloro-	*463*	*T J N*	*ug/Kg*		*5.01*	*79-34-5*	*09/14/12 12:40*	*09/17/12 12:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*39 - 146*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
2-Fluorobiphenyl	*86*		*37 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
2-Fluorophenol	*71*		*18 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Nitrobenzene-d5	*82*		*34 - 132*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
p-Terphenyl-d14	*92*		*65 - 153*	*09/14/12 12:40*	*09/17/12 12:43*	*1*
Phenol-d5	*78*		*11 - 120*	*09/14/12 12:40*	*09/17/12 12:43*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-80638/2-A
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	3320	3530		ug/Kg		106	55 - 125
2-Chlorophenol	3320	2890		ug/Kg		87	38 - 120
4-Chloro-3-methylphenol	3320	3300		ug/Kg		99	49 - 125
4-Nitrophenol	3320	3390		ug/Kg		102	43 - 137
Acenaphthene	3320	3240		ug/Kg		98	53 - 120
Bis(2-ethylhexyl) phthalate	3320	3180		ug/Kg		96	61 - 133
Fluorene	3320	3640		ug/Kg		110	63 - 126
Hexachloroethane	3320	2830		ug/Kg		85	41 - 120
N-Nitrosodi-n-propylamine	3320	3060		ug/Kg		92	46 - 120
Naphthalene	3320	3020		ug/Kg		91	46 - 120
Pentachlorophenol	3320	3410		ug/Kg		103	33 - 136
Phenol	3320	2940		ug/Kg		88	36 - 120
Pyrene	3320	3320		ug/Kg		100	51 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*95*		*39 - 146*
2-Fluorobiphenyl	*96*		*37 - 120*
2-Fluorophenol	*81*		*18 - 120*
Nitrobenzene-d5	*91*		*34 - 132*
p-Terphenyl-d14	*112*		*65 - 153*
Phenol-d5	*87*		*11 - 120*

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	ND		4130	3520		ug/Kg	☼	85	55 - 125
2-Chlorophenol	ND		4130	3320		ug/Kg	☼	81	38 - 120
4-Chloro-3-methylphenol	ND		4130	3640		ug/Kg	☼	88	49 - 125
4-Nitrophenol	ND		4130	2500	J	ug/Kg	☼	61	43 - 137
Acenaphthene	44	J	4130	9930	F	ug/Kg	☼	240	53 - 120
Bis(2-ethylhexyl) phthalate	ND		4130	4140		ug/Kg	☼	100	61 - 133
Fluorene	ND		4130	9690	F	ug/Kg	☼	235	63 - 126
Hexachloroethane	ND		4130	2910		ug/Kg	☼	71	41 - 120
N-Nitrosodi-n-propylamine	ND		4130	3790		ug/Kg	☼	92	46 - 120
Naphthalene	82	J	4130	10700	F	ug/Kg	☼	258	46 - 120
Pentachlorophenol	ND		4130	1060	J F	ug/Kg	☼	26	33 - 136
Phenol	ND		4130	3720		ug/Kg	☼	90	36 - 120
Pyrene	300		4130	30800	F	ug/Kg	☼	740	51 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*39 - 146*
2-Fluorobiphenyl	*98*		*37 - 120*
2-Fluorophenol	*71*		*18 - 120*
Nitrobenzene-d5	*81*		*34 - 132*
p-Terphenyl-d14	*109*		*65 - 153*
Phenol-d5	*82*		*11 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 80891

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	ND		4140	4090		ug/Kg	☼	99	55 - 125	15	20
2-Chlorophenol	ND		4140	3320		ug/Kg	☼	80	38 - 120	0	25
4-Chloro-3-methylphenol	ND		4140	3900		ug/Kg	☼	94	49 - 125	7	27
4-Nitrophenol	ND		4140	4110	F	ug/Kg	☼	99	43 - 137	49	25
Acenaphthene	44	J	4140	3830	F	ug/Kg	☼	91	53 - 120	89	35
Bis(2-ethylhexyl) phthalate	ND		4140	3560		ug/Kg	☼	86	61 - 133	15	15
Fluorene	ND		4140	4230	F	ug/Kg	☼	102	63 - 126	78	15
Hexachloroethane	ND		4140	3110		ug/Kg	☼	75	41 - 120	6	46
N-Nitrosodi-n-propylamine	ND		4140	3580		ug/Kg	☼	86	46 - 120	6	31
Naphthalene	82	J	4140	3460	F	ug/Kg	☼	82	46 - 120	102	29
Pentachlorophenol	ND		4140	4350	F	ug/Kg	☼	105	33 - 136	122	35
Phenol	ND		4140	3360		ug/Kg	☼	81	36 - 120	10	35
Pyrene	300		4140	4100	F	ug/Kg	☼	92	51 - 133	153	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*94*		*39 - 146*
2-Fluorobiphenyl	*90*		*37 - 120*
2-Fluorophenol	*73*		*18 - 120*
Nitrobenzene-d5	*82*		*34 - 132*
p-Terphenyl-d14	*98*		*65 - 153*
Phenol-d5	*81*		*11 - 120*

Method: 8081A - TCLP Pesticides

Lab Sample ID: LB 480-81196/5-A LB
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		09/19/12 04:59	09/20/12 08:49	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		09/19/12 04:59	09/20/12 08:49	1
Endrin	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor	ND		0.00020	0.0000085	mg/L		09/19/12 04:59	09/20/12 08:49	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		09/19/12 04:59	09/20/12 08:49	1
Methoxychlor	ND		0.00020	0.000014	mg/L		09/19/12 04:59	09/20/12 08:49	1
Toxaphene	ND		0.0020	0.00012	mg/L		09/19/12 04:59	09/20/12 08:49	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*16 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*
DCB Decachlorobiphenyl	*103*		*16 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*
Tetrachloro-m-xylene	*74*		*35 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*
Tetrachloro-m-xylene	*93*		*35 - 120*	*09/19/12 04:59*	*09/20/12 08:49*	*1*

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		09/19/12 04:56	09/20/12 08:02	1

Method: 8081A - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-81196/1-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		09/19/12 04:56	09/20/12 08:02	1
Endrin	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1
Heptachlor	ND		0.000050	0.0000021	mg/L		09/19/12 04:56	09/20/12 08:02	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		09/19/12 04:56	09/20/12 08:02	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		09/19/12 04:56	09/20/12 08:02	1
Toxaphene	ND		0.00050	0.000030	mg/L		09/19/12 04:56	09/20/12 08:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*16 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*
DCB Decachlorobiphenyl	*107*		*16 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*
Tetrachloro-m-xylene	*71*		*35 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*
Tetrachloro-m-xylene	*91*		*35 - 120*	*09/19/12 04:56*	*09/20/12 08:02*	*1*

Lab Sample ID: LCS 480-81196/2-A
Matrix: Solid
Analysis Batch: 81416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000429		mg/L		86	57 - 128
Endrin	0.000500	0.000499		mg/L		100	57 - 130
Heptachlor	0.000500	0.000402		mg/L		80	46 - 121
Heptachlor epoxide	0.000500	0.000452		mg/L		90	53 - 120
Methoxychlor	0.000500	0.000522		mg/L		104	48 - 165

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*72*		*16 - 120*
DCB Decachlorobiphenyl	*90*		*16 - 120*
Tetrachloro-m-xylene	*80*		*35 - 120*
Tetrachloro-m-xylene	*101*		*35 - 120*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-80563/1-A
Matrix: Solid
Analysis Batch: 80733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1221	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1232	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1242	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1248	ND		250	48	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1254	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1260	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1262	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1
PCB-1268	ND		250	120	ug/Kg		09/14/12 08:15	09/15/12 14:13	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-80563/1-A
Matrix: Solid
Analysis Batch: 80733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80563

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	134		36 - 182	09/14/12 08:15	09/15/12 14:13	1
DCB Decachlorobiphenyl	126		36 - 182	09/14/12 08:15	09/15/12 14:13	1
Tetrachloro-m-xylene	126		24 - 172	09/14/12 08:15	09/15/12 14:13	1
Tetrachloro-m-xylene	125		24 - 172	09/14/12 08:15	09/15/12 14:13	1

Lab Sample ID: LCS 480-80563/2-A
Matrix: Solid
Analysis Batch: 80733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2090	2740		ug/Kg		131	51 - 185
PCB-1260	2090	2540		ug/Kg		122	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	151		36 - 182
DCB Decachlorobiphenyl	141		36 - 182
Tetrachloro-m-xylene	155		24 - 172
Tetrachloro-m-xylene	138		24 - 172

Lab Sample ID: MB 480-81066/1-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1221	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1232	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1242	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1248	ND		220	42	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1254	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1260	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1262	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1
PCB-1268	ND		220	100	ug/Kg		09/18/12 09:15	09/19/12 19:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	135		36 - 182	09/18/12 09:15	09/19/12 19:07	1
DCB Decachlorobiphenyl	126		36 - 182	09/18/12 09:15	09/19/12 19:07	1
Tetrachloro-m-xylene	135		24 - 172	09/18/12 09:15	09/19/12 19:07	1
Tetrachloro-m-xylene	134		24 - 172	09/18/12 09:15	09/19/12 19:07	1

Lab Sample ID: LCS 480-81066/2-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2430	3090		ug/Kg		127	51 - 185
PCB-1260	2430	2840		ug/Kg		117	61 - 184

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-81066/2-A
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81066

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*151*		*36 - 182*
DCB Decachlorobiphenyl	*140*		*36 - 182*
Tetrachloro-m-xylene	*162*		*24 - 172*
Tetrachloro-m-xylene	*149*		*24 - 172*

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		2800	2100		ug/Kg	☼	75	42 - 159
PCB-1260	ND		2800	1730		ug/Kg	☼	62	47 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*36 - 182*
DCB Decachlorobiphenyl	*94*		*36 - 182*
Tetrachloro-m-xylene	*101*		*24 - 172*
Tetrachloro-m-xylene	*90*		*24 - 172*

Lab Sample ID: 480-25085-4 MSD
Matrix: Solid
Analysis Batch: 81193

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 81066

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2960	2540		ug/Kg	☼	86	42 - 159	19	50
PCB-1260	ND		2960	2320		ug/Kg	☼	78	47 - 153	29	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*117*		*36 - 182*
DCB Decachlorobiphenyl	*109*		*36 - 182*
Tetrachloro-m-xylene	*124*		*24 - 172*
Tetrachloro-m-xylene	*118*		*24 - 172*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-81194/1-A
Matrix: Solid
Analysis Batch: 81929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		09/19/12 04:40	09/24/12 14:34	1
2,4-D	ND		0.00050	0.00010	mg/L		09/19/12 04:40	09/24/12 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*86*		*32 - 132*	*09/19/12 04:40*	*09/24/12 14:34*	*1*
2,4-Dichlorophenylacetic acid	*92*		*32 - 132*	*09/19/12 04:40*	*09/24/12 14:34*	*1*

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-81194/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81929 — **Prep Batch: 81194**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00206		mg/L		103	44 - 147
2,4-D	0.00200	0.00214		mg/L		107	45 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*104*		*32 - 132*
2,4-Dichlorophenylacetic acid	*93*		*32 - 132*

Lab Sample ID: LB 480-80843/1-D LB — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 81929 — **Prep Batch: 81194**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		09/19/12 04:40	09/24/12 16:33	1
2,4-D	ND		0.0020	0.00040	mg/L		09/19/12 04:40	09/24/12 16:33	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*20*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 16:33*	*1*
2,4-Dichlorophenylacetic acid	*24*	*X*	*32 - 132*	*09/19/12 04:40*	*09/24/12 16:33*	*1*

Method: 1110A - Corrosivity Toward Steel

Lab Sample ID: MB 560-78446/1 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78446

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Corrosivity toward Steel	ND		0.10	0.10	mm/year			09/24/12 09:45	1

Lab Sample ID: 480-25085-7 DU — **Client Sample ID: NS-SB/MW-7-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78446

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity toward Steel	0.98		0.971		mm/year		0.9	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-80569/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80901 — **Prep Batch: 80569**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10	4.5	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Antimony	ND		15	0.55	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Arsenic	ND		2.0	0.41	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Barium	ND		0.51	0.11	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Beryllium	ND		0.20	0.029	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Cadmium	ND		0.20	0.031	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Calcium	7.76	J	51	3.4	mg/Kg		09/14/12 09:50	09/14/12 18:18	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 480-80569/1-A
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.51	0.20	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Cobalt	ND		0.51	0.051	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Copper	ND		1.0	0.21	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Iron	ND		10	1.1	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Lead	ND		1.0	0.25	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Magnesium	2.02	J	20	0.95	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Manganese	ND		0.20	0.033	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Nickel	ND		5.1	0.24	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Selenium	ND		4.1	0.58	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Silver	ND		0.51	0.20	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Sodium	49.9	J	140	13	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Thallium	ND		6.1	0.31	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Vanadium	ND		0.51	0.11	mg/Kg		09/14/12 09:50	09/14/12 18:18	1
Zinc	0.372	J	2.0	0.16	mg/Kg		09/14/12 09:50	09/14/12 18:18	1

Lab Sample ID: MB 480-80569/1-A
Matrix: Solid
Analysis Batch: 81057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80569

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		31	20	mg/Kg		09/14/12 09:50	09/17/12 15:44	1

Lab Sample ID: LCSSRM 480-80569/2-A
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8390	6640		mg/Kg		79.2	40.6 - 159.5
Antimony	93.2	34.4		mg/Kg		37.0	24.8 - 272.2
Arsenic	94.4	95.0		mg/Kg		100.6	69.2 - 131.2
Barium	167	159		mg/Kg		95.2	72.5 - 126.9
Beryllium	57.5	57.1		mg/Kg		99.3	73.3 - 126.7
Cadmium	60.4	58.0		mg/Kg		95.9	73.2 - 126.8
Calcium	6130	5660		mg/Kg		92.3	73.9 - 126.4
Chromium	70.3	64.5		mg/Kg		91.8	68.5 - 131.5
Cobalt	102	104		mg/Kg		102.0	74.5 - 125.5
Copper	79.5	77.9		mg/Kg		98.0	73.6 - 125.6
Iron	12500	9150		mg/Kg		73.3	31.0 - 168.8
Lead	91.7	97.1		mg/Kg		105.9	70.3 - 129.6
Magnesium	2580	2240		mg/Kg		86.9	63.6 - 136.0

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-80569/2-A
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	283	257		mg/Kg		91.0	73.9 - 125.4
Nickel	57.5	57.4		mg/Kg		99.8	70.0 - 130.2
Potassium	2490	2220		mg/Kg		89.4	60.6 - 139.0
Selenium	86.3	84.0		mg/Kg		97.3	64.0 - 136.6
Silver	34.4	33.3		mg/Kg		96.9	65.7 - 134.6
Sodium	215	188		mg/Kg		87.4	26.7 - 174.0
Thallium	120	125		mg/Kg		104.0	67.3 - 131.7
Vanadium	56.9	50.7		mg/Kg		89.1	53.7 - 146.1
Zinc	140	131		mg/Kg		93.6	67.4 - 132.9

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 80901

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10000		2700	14900	F	mg/Kg	☼	165	75 - 125
Antimony	ND		53.8	38.1	F	mg/Kg	☼	71	75 - 125
Arsenic	5.0		53.8	53.3		mg/Kg	☼	90	75 - 125
Barium	72		53.8	142	F	mg/Kg	☼	130	75 - 125
Beryllium	1.0		53.8	50.6		mg/Kg	☼	92	75 - 125
Cadmium	14		53.8	64.4		mg/Kg	☼	93	75 - 125
Calcium	2100	B	2690	5050		mg/Kg	☼	108	75 - 125
Chromium	15		53.8	64.3		mg/Kg	☼	92	75 - 125
Cobalt	5.8		53.8	72.4		mg/Kg	☼	124	75 - 125
Copper	18		53.8	69.4		mg/Kg	☼	95	75 - 125
Lead	490		53.8	216	4	mg/Kg	☼	-511	75 - 125
Magnesium	2900	B	2690	5380		mg/Kg	☼	90	75 - 125
Manganese	260		53.8	515	4	mg/Kg	☼	473	75 - 125
Nickel	20		53.8	75.9		mg/Kg	☼	104	75 - 125
Potassium	1100		2700	3900		mg/Kg	☼	105	75 - 125
Selenium	ND		53.8	47.5		mg/Kg	☼	88	75 - 125
Silver	ND		13.5	12.0		mg/Kg	☼	90	75 - 125
Thallium	ND		53.8	49.5		mg/Kg	☼	92	75 - 125
Vanadium	23		53.8	75.7		mg/Kg	☼	98	75 - 125
Zinc	1800	B	53.8	1700	4	mg/Kg	☼	-257	75 - 125

Lab Sample ID: 480-25085-4 MS
Matrix: Solid
Analysis Batch: 81057

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)
Prep Type: Total/NA
Prep Batch: 80569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	16000		2690	17500	4	mg/Kg	☼	63	75 - 125
Sodium	91	J B	2700	2570		mg/Kg	☼	92	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80901 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	10000		2580	16300	4	mg/Kg	☼	228	75 - 125	9	20
Antimony	ND		51.5	34.3	F	mg/Kg	☼	67	75 - 125	10	20
Arsenic	5.0		51.5	50.4		mg/Kg	☼	88	75 - 125	6	20
Barium	72		51.5	125		mg/Kg	☼	102	75 - 125	13	20
Beryllium	1.0		51.5	47.8		mg/Kg	☼	91	75 - 125	6	20
Cadmium	14		51.5	57.8		mg/Kg	☼	85	75 - 125	11	20
Calcium	2100	B	2580	4960		mg/Kg	☼	109	75 - 125	2	20
Chromium	15		51.5	65.9		mg/Kg	☼	99	75 - 125	2	20
Cobalt	5.8		51.5	56.3	F	mg/Kg	☼	98	75 - 125	25	20
Copper	18		51.5	66.4		mg/Kg	☼	94	75 - 125	4	20
Lead	490		51.5	207	4	mg/Kg	☼	-552	75 - 125	4	20
Magnesium	2900	B	2580	4830	F	mg/Kg	☼	73	75 - 125	11	20
Manganese	260		51.5	280	4 F	mg/Kg	☼	38	75 - 125	59	20
Nickel	20		51.5	69.3		mg/Kg	☼	96	75 - 125	9	20
Potassium	1100		2580	3820		mg/Kg	☼	106	75 - 125	2	20
Selenium	ND		51.5	45.1		mg/Kg	☼	88	75 - 125	5	20
Silver	ND		12.9	11.2		mg/Kg	☼	87	75 - 125	8	20
Thallium	ND		51.5	46.9		mg/Kg	☼	91	75 - 125	5	20
Vanadium	23		51.5	75.4		mg/Kg	☼	101	75 - 125	0	20
Zinc	1800	B	51.5	1660	4	mg/Kg	☼	-346	75 - 125	2	20

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81057 — **Prep Batch: 80569**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Iron	16000		2580	20300	4	mg/Kg	☼	175	75 - 125	15	20
Sodium	91	J B	2580	2450		mg/Kg	☼	91	75 - 125	5	20

Method: 6010B - TCLP RCRA Metals

Lab Sample ID: MB 480-81089/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:13	1
Barium	0.000710	J	0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:13	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:13	1
Chromium	ND		0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:13	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:13	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:13	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:13	1

Lab Sample ID: LCS 480-81089/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81221 — **Prep Batch: 81089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.13		mg/L		113	80 - 120

Method: 6010B - TCLP RCRA Metals (Continued)

Lab Sample ID: LCS 480-81089/3-A
Matrix: Solid
Analysis Batch: 81221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	1.00	0.962		mg/L		96	80 - 120
Cadmium	1.00	1.08		mg/L		108	80 - 120
Chromium	1.00	0.929		mg/L		93	80 - 120
Lead	1.00	1.09		mg/L		109	80 - 120
Selenium	1.00	1.08		mg/L		108	80 - 120
Silver	1.00	0.966		mg/L		97	80 - 120

Lab Sample ID: LB 480-80843/1-B LB
Matrix: Solid
Analysis Batch: 81221

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81089

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		09/18/12 11:10	09/18/12 20:10	1
Barium	0.0328		0.0020	0.00070	mg/L		09/18/12 11:10	09/18/12 20:10	1
Cadmium	ND		0.0010	0.00050	mg/L		09/18/12 11:10	09/18/12 20:10	1
Chromium	0.00211	J	0.0040	0.0010	mg/L		09/18/12 11:10	09/18/12 20:10	1
Lead	ND		0.0050	0.0030	mg/L		09/18/12 11:10	09/18/12 20:10	1
Selenium	ND		0.015	0.0087	mg/L		09/18/12 11:10	09/18/12 20:10	1
Silver	ND		0.0030	0.0017	mg/L		09/18/12 11:10	09/18/12 20:10	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-81093/2-A
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:35	1

Lab Sample ID: LCS 480-81093/3-A
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00647		mg/L		97	80 - 120

Lab Sample ID: LB 480-80843/1-C LB
Matrix: Solid
Analysis Batch: 81119

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 81093

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/18/12 11:45	09/18/12 14:33	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 480-80574/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80690 — **Prep Batch: 80574**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0074	mg/Kg		09/14/12 10:15	09/14/12 15:15	1

Lab Sample ID: LCSSRM 480-80574/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80690 — **Prep Batch: 80574**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.77	3.26		mg/Kg		86.5	71.6 - 128.4

Lab Sample ID: 480-25085-4 MS — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80690 — **Prep Batch: 80574**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.25		0.427	0.538	F	mg/Kg	☼	67	75 - 125

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80690 — **Prep Batch: 80574**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.25		0.390	0.489	F	mg/Kg	☼	61	75 - 125	10	20

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 480-80720/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 80720

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-81188/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81390 — **Prep Batch: 81188**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		09/19/12 04:15	09/19/12 21:42	1

Lab Sample ID: LCS 480-81188/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81390 — **Prep Batch: 81188**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	345		mg/Kg		35	10 - 100

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 480-81382/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.98	0.47	mg/Kg		09/19/12 16:00	09/20/12 00:38	1

Lab Sample ID: LCS 480-81382/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	25.6	19.6		mg/Kg		77	29 - 122

Lab Sample ID: 480-25085-4 MS — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		12.2	8.03	F	mg/Kg	☼	66	85 - 115

Lab Sample ID: 480-25085-4 MSD — **Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		12.0	10.0	F	mg/Kg	☼	83	85 - 115	22	15

Lab Sample ID: 480-25085-1 DU — **Client Sample ID: NS-SB/MW-1-SO-(1-3)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81401 — **Prep Batch: 81382**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.76	J	ND		mg/Kg	☼	NC	15

Method: 9023 - Organic Halides, Extractable (EOX)

Lab Sample ID: MB 490-21547/3-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	ND		50	35	mg/Kg		09/20/12 06:00	09/20/12 07:01	1

Lab Sample ID: LCS 490-21547/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110

Method: 9023 - Organic Halides, Extractable (EOX) (Continued)

Lab Sample ID: LCSD 490-21547/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 22517 — **Prep Batch: 21547**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Halogens, Extractable Organic	1040	1110		mg/Kg		107	90 - 110	0	20

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-81191/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10	0.57	mg/Kg		09/19/12 04:22	09/19/12 23:25	1

Lab Sample ID: LCS 480-81191/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81407 — **Prep Batch: 81191**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	631		mg/Kg		63	10 - 100

Method: 9045C - pH

Lab Sample ID: LCS 480-81017/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 81017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.040		SU		101	99 - 101

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Analysis Batch: 80508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8260B	80515
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8260B	80515
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8260B	80515
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8260B	80515
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8260B	80515
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8260B	80515
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8260B	80515
LCS 480-80508/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-80508/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 80515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	5035	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	5035	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	5035	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	5035	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	5035	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	5035	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	5035	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	5035	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	5035	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	5035	

Analysis Batch: 80812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8260B	80815
LCS 480-80812/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-80812/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 80815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7 - DL	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	5035	

Leach Batch: 80886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 81278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8260B	80886
LB 480-80886/1-A LB	Method Blank	TCLP	Solid	8260B	80886
LCS 480-81278/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-81278/5	Method Blank	Total/NA	Solid	8260B	

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Prep Batch: 80638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3550B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3550B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3550B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3550B	
LCS 480-80638/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80638/1-A	Method Blank	Total/NA	Solid	3550B	

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 80891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8270C	80638
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8270C	80638
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8270C	80638
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8270C	80638
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8270C	80638
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8270C	80638
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8270C	80638
LCS 480-80638/2-A	Lab Control Sample	Total/NA	Solid	8270C	80638
MB 480-80638/1-A	Method Blank	Total/NA	Solid	8270C	80638

Prep Batch: 81329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3510C	80843
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	3510C	80843
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81329/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8270C	81329
LB 480-80843/1-E LB	Method Blank	TCLP	Solid	8270C	81329
LCS 480-81329/2-A	Lab Control Sample	Total/NA	Solid	8270C	81329
MB 480-81329/1-A	Method Blank	Total/NA	Solid	8270C	81329

GC Semi VOA

Prep Batch: 80563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3550B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3550B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3550B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3550B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3550B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3550B	
LCS 480-80563/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-80563/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 80733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	8082	80563
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	8082	80563
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	8082	80563
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	8082	80563
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	8082	80563
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	8082	80563
LCS 480-80563/2-A	Lab Control Sample	Total/NA	Solid	8082	80563
MB 480-80563/1-A	Method Blank	Total/NA	Solid	8082	80563

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 81066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3550B	
LCS 480-81066/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 480-81066/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 81193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	8082	81066
LCS 480-81066/2-A	Lab Control Sample	Total/NA	Solid	8082	81066
MB 480-81066/1-A	Method Blank	Total/NA	Solid	8082	81066

Prep Batch: 81194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8151A	80843
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151A	80843
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 81194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 81196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3510C	80843
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	3510C	
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-81196/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 81416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8081A	81196
LB 480-81196/5-A LB	Method Blank	Total/NA	Solid	8081A	81196
LCS 480-81196/2-A	Lab Control Sample	Total/NA	Solid	8081A	81196
MB 480-81196/1-A	Method Blank	Total/NA	Solid	8081A	81196

Analysis Batch: 81929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	8151	81194
LB 480-80843/1-D LB	Method Blank	TCLP	Solid	8151	81194
LCS 480-81194/2-A	Lab Control Sample	Total/NA	Solid	8151	81194
MB 480-81194/1-A	Method Blank	Total/NA	Solid	8151	81194

Metals

Analysis Batch: 78446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1110A	
480-25085-7 DU	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1110A	
MB 560-78446/1	Method Blank	Total/NA	Solid	1110A	

Prep Batch: 80569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	3050B	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	3050B	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	3050B	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	3050B	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	3050B	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	3050B	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	3050B	
LCSSRM 480-80569/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-80569/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 80574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 80574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	7471A	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	7471A	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	7471A	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	7471A	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	7471A	
LCSSRM 480-80574/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 480-80574/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 80690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	7471A	80574
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	7471A	80574
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	7471A	80574
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	7471A	80574
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	7471A	80574
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	7471A	80574
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	7471A	80574
LCSSRM 480-80574/2-A	Lab Control Sample	Total/NA	Solid	7471A	80574
MB 480-80574/1-A	Method Blank	Total/NA	Solid	7471A	80574

Leach Batch: 80843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	1311	
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	1311	
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 80901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	6010B	80569
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	6010B	80569
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	6010B	80569
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	6010B	80569
LCSSRM 480-80569/2-A	Lab Control Sample	Total/NA	Solid	6010B	80569
MB 480-80569/1-A	Method Blank	Total/NA	Solid	6010B	80569

Metals (Continued)

Analysis Batch: 81057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	6010B	80569
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	6010B	80569
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	6010B	80569
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	6010B	80569
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	6010B	80569
MB 480-80569/1-A	Method Blank	Total/NA	Solid	6010B	80569

Prep Batch: 81089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	3010A	80843
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	3010A	80843
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-81089/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 81093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	7470A	80843
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	80843
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 81119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	7470A	81093
LB 480-80843/1-C LB	Method Blank	TCLP	Solid	7470A	81093
LCS 480-81093/3-A	Lab Control Sample	Total/NA	Solid	7470A	81093
MB 480-81093/2-A	Method Blank	Total/NA	Solid	7470A	81093

Analysis Batch: 81221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	TCLP	Solid	6010B	81089
LB 480-80843/1-B LB	Method Blank	TCLP	Solid	6010B	81089
LCS 480-81089/3-A	Lab Control Sample	Total/NA	Solid	6010B	81089
MB 480-81089/2-A	Method Blank	Total/NA	Solid	6010B	81089

General Chemistry

Prep Batch: 21547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9023	
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	

General Chemistry (Continued)

Analysis Batch: 22517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9023	21547
LCS 490-21547/1-A	Lab Control Sample	Total/NA	Solid	9023	21547
LCSD 490-21547/2-A	Lab Control Sample Dup	Total/NA	Solid	9023	21547
MB 490-21547/3-A	Method Blank	Total/NA	Solid	9023	21547

Analysis Batch: 80660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	Moisture	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	Moisture	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	Moisture	
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	Moisture	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	Moisture	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	Moisture	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	Moisture	

Analysis Batch: 80720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	1010	
LCS 480-80720/1	Lab Control Sample	Total/NA	Solid	1010	

Analysis Batch: 81017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9045C	
LCS 480-81017/1	Lab Control Sample	Total/NA	Solid	9045C	

Prep Batch: 81188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7.3.3	
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-81188/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 81191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	7.3.4	
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-81191/1-A	Method Blank	Total/NA	Solid	7.3.4	

Prep Batch: 81382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-1 DU	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	9012A	
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 81382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	9012A	
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	9012A	
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	9012A	
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	9012A	
LCS 480-81382/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 480-81382/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 81390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012	81188
LCS 480-81188/2-A	Lab Control Sample	Total/NA	Solid	9012	81188
MB 480-81188/1-A	Method Blank	Total/NA	Solid	9012	81188

Analysis Batch: 81401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-1	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-1 DU	NS-SB/MW-1-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Total/NA	Solid	9012A	81382
480-25085-3	NS-SB/MW-5-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-4 MS	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-4 MSD	NS-SB/MW-5-SO-(7.5-9.5)	Total/NA	Solid	9012A	81382
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Total/NA	Solid	9012A	81382
480-25085-6	NS-SB/MW-6-SO-(10-11)	Total/NA	Solid	9012A	81382
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-8	NS-SB/MW-7-SO-(8-10)	Total/NA	Solid	9012A	81382
480-25085-9	NS-SB/MW-2-SO-(1-3)	Total/NA	Solid	9012A	81382
480-25085-10	NS-SB/MW-2-SO-(10-11)	Total/NA	Solid	9012A	81382
LCS 480-81382/2-A	Lab Control Sample	Total/NA	Solid	9012A	81382
MB 480-81382/1-A	Method Blank	Total/NA	Solid	9012A	81382

Analysis Batch: 81407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-25085-7	NS-SB/MW-7-SO-(1-3)	Total/NA	Solid	9034	81191
LCS 480-81191/2-A	Lab Control Sample	Total/NA	Solid	9034	81191
MB 480-81191/1-A	Method Blank	Total/NA	Solid	9034	81191

Client Sample ID: NS-SB/MW-1-SO-(1-3)

Lab Sample ID: 480-25085-1

Date Collected: 09/11/12 10:30

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 01:32	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20	80891	09/17/12 15:05	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 23:07	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:24	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 18:45	AH	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:40	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-1-SO-(10-11.5)

Lab Sample ID: 480-25085-2

Date Collected: 09/11/12 10:35

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 01:57	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1	80891	09/17/12 15:29	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 18:50	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:26	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 18:47	AH	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:41	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 02:23	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20	80891	09/17/12 15:53	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 19:10	JM	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(1-3)

Lab Sample ID: 480-25085-3

Date Collected: 09/11/12 13:30
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		20	80690	09/14/12 15:17	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 18:49	AH	TAL BUF
Total/NA	Analysis	6010B		5	81057	09/17/12 15:46	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:42	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-5-SO-(7.5-9.5)

Lab Sample ID: 480-25085-4

Date Collected: 09/11/12 13:35
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 02:49	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1	80891	09/17/12 16:16	RMM	TAL BUF
Total/NA	Prep	3550B			81066	09/18/12 09:15	CM	TAL BUF
Total/NA	Analysis	8082		1	81193	09/19/12 19:36	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:29	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 18:51	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 15:54	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:45	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 04:06	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20	80891	09/17/12 16:40	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 20:29	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:36	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:02	AH	TAL BUF

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Client Sample ID: NS-SB/MW-6-SO-(0.5-2.5)

Lab Sample ID: 480-25085-5

Date Collected: 09/12/12 10:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	81057	09/17/12 15:52	MM	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:00	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:47	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-6-SO-(10-11)

Lab Sample ID: 480-25085-6

Date Collected: 09/12/12 10:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 04:31	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		10	80891	09/17/12 17:03	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 21:28	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:38	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:04	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:03	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:48	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 04:57	JMB	TAL BUF
Total/NA	Prep	5035	DL		80815	09/16/12 12:06	JMB	TAL BUF
Total/NA	Analysis	8260B	DL	1	80812	09/16/12 13:08	CDC	TAL BUF
TCLP	Leach	1311			80886	09/17/12 10:27	TR	TAL BUF
TCLP	Analysis	8260B		10	81278	09/19/12 15:01	LH	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1	80891	09/17/12 17:27	RMM	TAL BUF
TCLP	Leach	1311			80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			81329	09/19/12 14:39	KB	TAL BUF
TCLP	Analysis	8270C		1	81475	09/20/12 17:44	HTL	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 21:48	JM	TAL BUF

Client Sample ID: NS-SB/MW-7-SO-(1-3)

Lab Sample ID: 480-25085-7

Date Collected: 09/12/12 11:15

Matrix: Solid

Date Received: 09/13/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	3510C			81196	09/19/12 06:56	TR	TAL BUF
TCLP	Analysis	8081A		1	81416	09/20/12 16:42	LW	TAL BUF
TCLP	Prep	8151A			81194	09/19/12 04:40	TR	TAL BUF
TCLP	Analysis	8151		1	81929	09/24/12 17:32	MN	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		1	80690	09/14/12 14:40	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:06	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:05	MM	TAL BUF
TCLP	Leach	1311			80843	09/17/12 07:23	TR	TAL BUF
TCLP	Prep	7470A			81093	09/18/12 11:45	JRK	TAL BUF
TCLP	Analysis	7470A		1	81119	09/18/12 14:58	JRK	TAL BUF
TCLP	Prep	3010A			81089	09/18/12 11:10	SS	TAL BUF
TCLP	Analysis	6010B		1	81221	09/18/12 20:45	AH	TAL BUF
Total/NA	Analysis	1110A		1	78446	09/24/12 09:45	HMZ	TAL CC
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Analysis	1010		1	80720	09/14/12 18:48	ML	TAL BUF
Total/NA	Analysis	9045C		1	81017	09/17/12 20:45	KS	TAL BUF
Total/NA	Prep	7.3.3			81188	09/19/12 04:15	BM	TAL BUF
Total/NA	Analysis	9012		1	81390	09/19/12 21:42	LAW	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:49	PJQ	TAL BUF
Total/NA	Prep	7.3.4			81191	09/19/12 04:22	BM	TAL BUF
Total/NA	Analysis	9034		1	81407	09/19/12 23:25	LAW	TAL BUF
Total/NA	Prep	9023			21547	09/20/12 06:00	SS	TAL NSH
Total/NA	Analysis	9023		1	22517	09/20/12 07:01	SS	TAL NSH

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20

Matrix: Solid

Date Received: 09/13/12 09:00

Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 05:22	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		20	80891	09/17/12 17:50	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 22:08	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10	80690	09/14/12 15:21	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:08	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:07	MM	TAL BUF

Client Sample ID: NS-SB/MW-7-SO-(8-10)

Lab Sample ID: 480-25085-8

Date Collected: 09/12/12 11:20
Matrix: Solid
Date Received: 09/13/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:50	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-2-SO-(1-3)

Lab Sample ID: 480-25085-9

Date Collected: 09/12/12 13:40
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 05:48	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		10	80891	09/17/12 18:14	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 22:28	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10	80690	09/14/12 15:24	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:11	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:09	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:51	PJQ	TAL BUF

Client Sample ID: NS-SB/MW-2-SO-(10-11)

Lab Sample ID: 480-25085-10

Date Collected: 09/12/12 13:45
Matrix: Solid
Date Received: 09/13/12 09:00
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			80515	09/13/12 22:10	CDC	TAL BUF
Total/NA	Analysis	8260B		1	80508	09/14/12 06:14	JMB	TAL BUF
Total/NA	Prep	3550B			80638	09/14/12 12:40	CM	TAL BUF
Total/NA	Analysis	8270C		1	80891	09/17/12 18:37	RMM	TAL BUF
Total/NA	Prep	3550B			80563	09/14/12 08:15	CM	TAL BUF
Total/NA	Analysis	8082		1	80733	09/15/12 22:48	JM	TAL BUF
Total/NA	Prep	7471A			80574	09/14/12 10:15	JRK	TAL BUF
Total/NA	Analysis	7471A		10	80690	09/14/12 15:25	JRK	TAL BUF
Total/NA	Prep	3050B			80569	09/14/12 09:50	JM	TAL BUF
Total/NA	Analysis	6010B		1	80901	09/14/12 19:13	AH	TAL BUF
Total/NA	Analysis	6010B		1	81057	09/17/12 16:11	MM	TAL BUF
Total/NA	Analysis	Moisture		1	80660	09/14/12 13:43	ZLR	TAL BUF
Total/NA	Prep	9012A			81382	09/19/12 16:00	ML	TAL BUF
Total/NA	Analysis	9012A		1	81401	09/20/12 00:52	PJQ	TAL BUF

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAC	9	1169CA	09-30-12
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAC	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	03-31-12
Illinois	NELAC	5	200003	09-30-12
Iowa	State Program	7	374	03-01-13
Kansas	NELAC	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAC	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-12
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAC	5	036-999-337	12-31-12
New Hampshire	NELAC	1	2973	09-11-13
New Hampshire	NELAC	1	2337	11-17-12
New Jersey	NELAC	2	NY455	06-30-13
New York	NELAC	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAC	10	NY200003	06-09-13
Pennsylvania	NELAC	3	68-00281	07-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAC	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAC	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Laboratory: TestAmerica Corpus Christi

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Kansas	NELAC	7	E-10362	10-31-12
Oklahoma	State Program	6	9968	08-31-13
Texas	NELAC	6	T104704210-12-8	03-31-13
USDA	Federal		P330-11-00060	02-03-14

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	ACIL		393	10-30-12
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alabama	State Program	4	41150	05-31-13
Alaska (UST)	State Program	10	UST-087	07-24-13
Arizona	State Program	9	AZ0473	05-05-13
Arkansas DEQ	State Program	6	88-0737	04-25-13
California	NELAC	9	1168CA	10-31-12

Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Colorado	State Program	8	N/A	02-28-13
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAC	4	E87358	06-30-13
Illinois	NELAC	5	200010	12-09-12
Iowa	State Program	7	131	05-01-14
Kansas	NELAC	7	E-10229	10-31-12
Kentucky	State Program	4	90038	12-31-12
Kentucky (UST)	State Program	4	19	09-15-13
Louisiana	NELAC	6	LA120025	12-31-12
Louisiana	NELAC	6	30613	06-30-13
Maryland	State Program	3	316	03-31-13
Massachusetts	State Program	1	M-TN032	06-30-13
Minnesota	NELAC	5	047-999-345	12-31-12
Mississippi	State Program	4	N/A	06-30-13
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-13
New Hampshire	NELAC	1	2963	10-09-13
New Jersey	NELAC	2	TN965	06-30-13
New York	NELAC	2	11342	04-01-13
North Carolina DENR	State Program	4	387	12-31-12
North Dakota	State Program	8	R-146	06-30-13
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-13
Oregon	NELAC	10	TN200001	04-30-13
Pennsylvania	NELAC	3	68-00585	06-30-13
Rhode Island	State Program	1	LAO00268	12-30-12
South Carolina	State Program	4	84009 (001)	02-28-13
South Carolina	State Program	4	84009 (002)	02-23-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAC	6	T104704077-09-TX	08-31-13
USDA	Federal		S-48469	11-02-13
Utah	NELAC	8	TAN	06-30-13
Virginia	NELAC	3	460152	06-14-13
Washington	State Program	10	C789	07-19-13
West Virginia DEP	State Program	3	219	02-28-13
Wisconsin	State Program	5	998020430	08-31-13
Wyoming (UST)	A2LA	8	453.07	12-31-13

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8260B	TCLP Volatiles	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	TCLP Semivolatiles	SW846	TAL BUF
8081A	TCLP Pesticides	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151	TCLP Herbicides	SW846	TAL BUF
1110A	Corrosivity Toward Steel	SW846	TAL CC
6010B	Metals (ICP)	SW846	TAL BUF
6010B	TCLP RCRA Metals	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471A	Mercury (CVAA)	SW846	TAL BUF
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9012A	Cyanide, Total and/or Amenable	SW846	TAL BUF
9023	Organic Halides, Extractable (EOX)	SW846	TAL NSH
9034	Sulfide, Reactive	SW846	TAL BUF
9045C	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CC = TestAmerica Corpus Christi, 1733 N. Padre Island Drive, Corpus Christi, TX 78408, TEL (361)289-2673

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC: Former Ney Smelting Site

TestAmerica Job ID: 480-25085-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-25085-1	NS-SB/MW-1-SO-(1-3)	Solid	09/11/12 10:30	09/13/12 09:00
480-25085-2	NS-SB/MW-1-SO-(10-11.5)	Solid	09/11/12 10:35	09/13/12 09:00
480-25085-3	NS-SB/MW-5-SO-(1-3)	Solid	09/11/12 13:30	09/13/12 09:00
480-25085-4	NS-SB/MW-5-SO-(7.5-9.5)	Solid	09/11/12 13:35	09/13/12 09:00
480-25085-5	NS-SB/MW-6-SO-(0.5-2.5)	Solid	09/12/12 10:40	09/13/12 09:00
480-25085-6	NS-SB/MW-6-SO-(10-11)	Solid	09/12/12 10:45	09/13/12 09:00
480-25085-7	NS-SB/MW-7-SO-(1-3)	Solid	09/12/12 11:15	09/13/12 09:00
480-25085-8	NS-SB/MW-7-SO-(8-10)	Solid	09/12/12 11:20	09/13/12 09:00
480-25085-9	NS-SB/MW-2-SO-(1-3)	Solid	09/12/12 13:40	09/13/12 09:00
480-25085-10	NS-SB/MW-2-SO-(10-11)	Solid	09/12/12 13:45	09/13/12 09:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/12/12	Chain of Custody Number: 231741
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10081	Site Contact: Phillip Castellano	Lab Contact:	
Project Name and Location (State): Ney Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TAL metals 6010	Mercury 7470	Cyanide 9012	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP
SB/MW-1 (1-3)	9/12/12	1030				X	X						X	X	X	X	X	X	
SB/MW-1 (10-11.5)		1035																	
SB/MW-5 (1-3)		1330																	
SB/MW-5 (7.5-9.5)		1335																	
SB/MW-5 (7.5-9.5) MS		1340																	
SB/MW-5 (7.5-9.5) MSD		1340																	
SB/MW-6 (0.5-2.5)	9/12/12	1040																	X
SB/MW-6 (10-11)		1045																	
SB/MW-7 (1-3)		1115																	
SB/MW-7 (8-10)		1120																	

Special Instructions/ Conditions of Receipt: Category B data deliverables and Equis EDD

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	9/12/12	1500	1. Received By: TANYC	9/13/12	1502
2. Relinquished By	9/12/12	1512	2. Received By: TL	9/13/12	0911
3. Relinquished By			3. Received By		

Comments: 7.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report, CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: TRC	Project Manager: Mike Sherwood	Date: 9/12/12	Chain of Custody Number: 231742
Address: 1430 Broadway	Telephone Number (Area Code)/Fax Number: 212-221-7822	Lab Number:	Page _____ of _____
City: New York / State: NY / Zip Code: 10881	Site Contact: Philip Castellano	Lab Contact:	
Project Name and Location (State): Ley Smelting	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: THL Metals 6010	Mercury 7470	Cyanide 9010	PCB 8082	TCL VOC+10 8260	TCL SVOC+20 8270	TCLP
SB/MW-2(1-3)	9/12/12	1340				X	X						X	X	X	X	X	X	
SB/MW-2(10-11)	↓	1345				↓	↓						↓	↓	↓	↓	↓	↓	

Special Instructions/ Conditions of Receipt

Category B data deliverables and Equis EDP

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	9/12/12	1500	1. Received By	9/13/12	1500
2. Relinquished By	9/13/12	1535	2. Received By	9/13/12	0900
3. Relinquished By			3. Received By		

Comments

2.6, 3.0 #1

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	TRC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085
List Number: 1
Creator: Magee, Alice J.

List Source: TestAmerica Corpus Christi
List Creation: 09/15/12 12:01 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8C IR4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-25085-1

Login Number: 25085
List Number: 1
Creator: Brothers, James

List Source: TestAmerica Nashville
List Creation: 09/15/12 05:25 PM

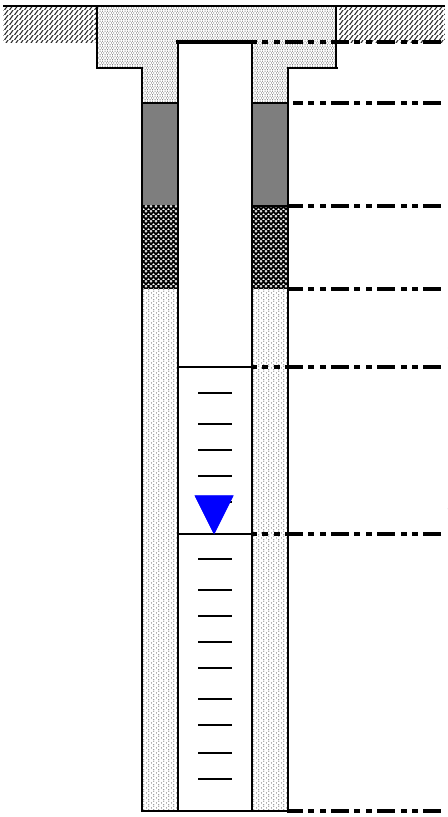
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D
PERMANENT MONITORING WELL CONSTRUCTION LOGS

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-1** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	263 Freeman Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/11/2012
ELEVATION[1]:	12.88	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	10.84
		DEPTH TO BOTTOM[2]:	17.48
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	12.88	Protective Manhole Cover, Ground Surface
0.44	12.44	Top of Casing (TOC) 2" PVC
1.00	11.88	Top of Grout
3.92	8.96	Bottom of Grout/Top of Bentonite Seal
5.92	6.96	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
7.92	4.96	Top of Well Screen - Slot Size 0.01
11.28	1.60	Water Table
17.92	-5.04	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

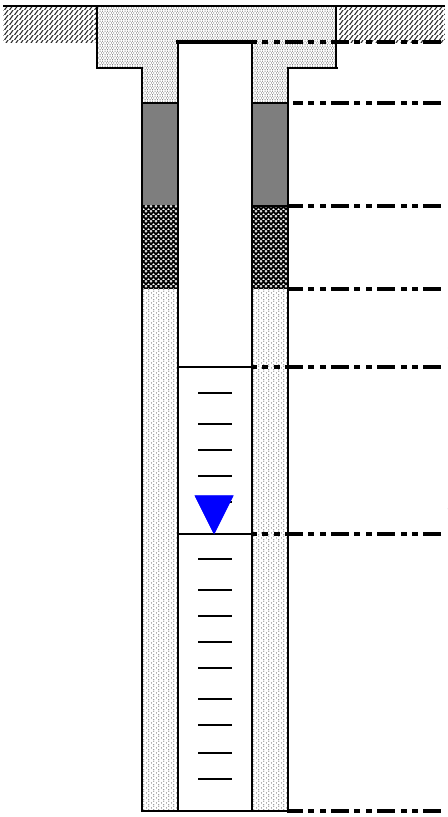
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-2** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	263 Freeman Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/12/2012
ELEVATION[1]:	12.83	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	10.95
		DEPTH TO BOTTOM[2]:	17.26
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	12.83	Protective Manhole Cover, Ground Surface
0.44	12.39	Top of Casing (TOC) 2" PVC
1.00	11.83	Top of Grout
3.70	9.13	Bottom of Grout/Top of Bentonite Seal
5.70	7.13	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
7.70	5.13	Top of Well Screen - Slot Size 0.01
11.39	1.44	Water Table
17.70	-4.87	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

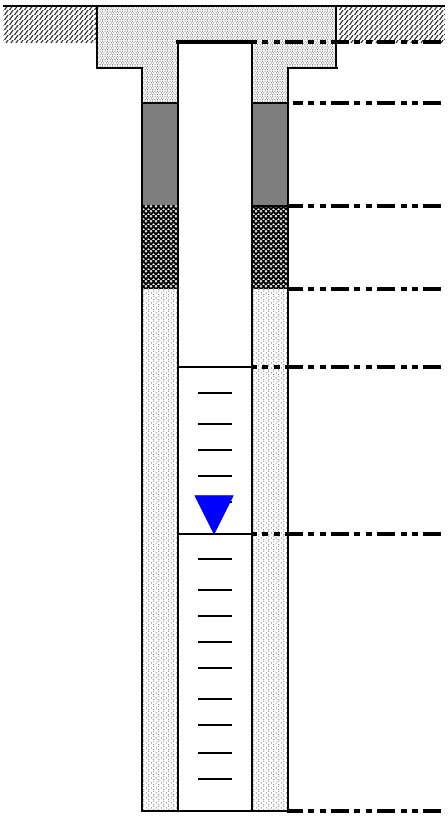
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-3** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	269 Freeman Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/13/2012
ELEVATION[1]:	12.92	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	11.10
		DEPTH TO BOTTOM[2]:	17.35
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	12.92	Protective Manhole Cover, Ground Surface
0.47	12.45	Top of Casing (TOC) 2" PVC
1.00	11.92	Top of Grout
3.82	9.10	Bottom of Grout/Top of Bentonite Seal
5.82	7.10	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
7.82	5.10	Top of Well Screen - Slot Size 0.01
11.57	1.35	Water Table
17.82	-4.90	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

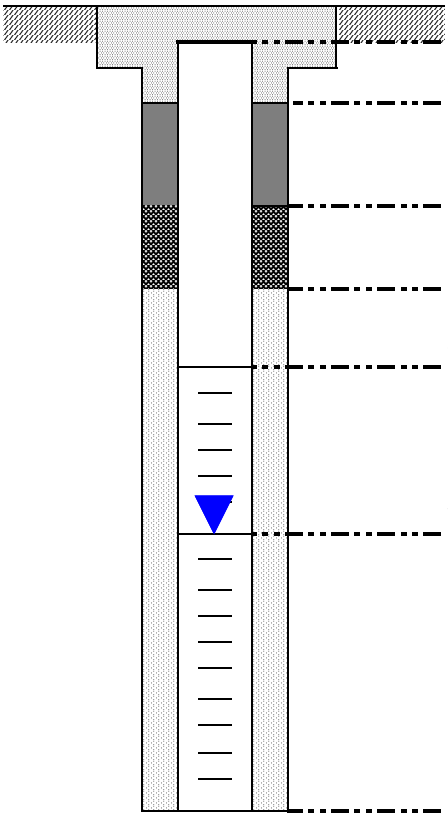
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-4** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	242 Eagle Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/13/2012
ELEVATION[1]:	13.73	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	11.95
		DEPTH TO BOTTOM[2]:	17.61
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	13.73	Protective Manhole Cover, Ground Surface
0.39	13.34	Top of Casing (TOC) 1" PVC
1.00	12.73	Top of Grout
4.00	9.73	Bottom of Grout/Top of Bentonite Seal
6.00	7.73	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
8.00	5.73	Top of Well Screen - Slot Size 0.01
12.34	1.39	Water Table
18.00	-4.27	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

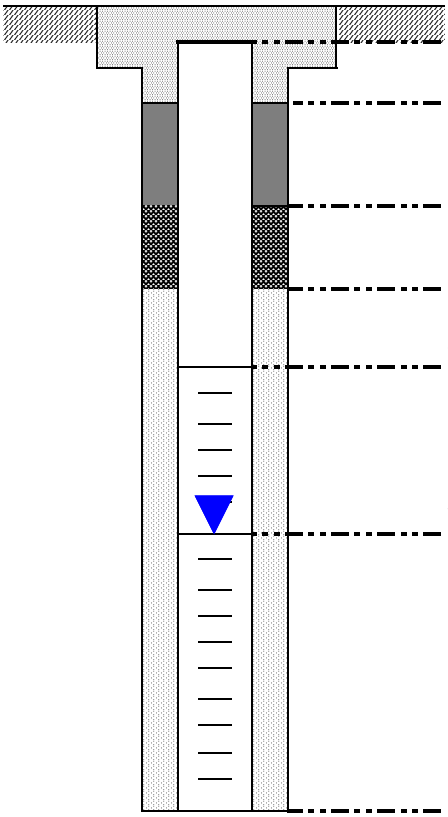
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-5** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	242 Eagle Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/11/2012
ELEVATION[1]:	13.10	DEVELOPMENT DATE:	9/13/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	11.28
		DEPTH TO BOTTOM[2]:	17.37
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	13.10	Protective Manhole Cover, Ground Surface
0.43	12.67	Top of Casing (TOC) 2" PVC
1.00	12.10	Top of Grout
3.80	9.30	Bottom of Grout/Top of Bentonite Seal
5.80	7.30	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
7.80	5.30	Top of Well Screen - Slot Size 0.01
11.71	1.39	Water Table
17.80	-4.70	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

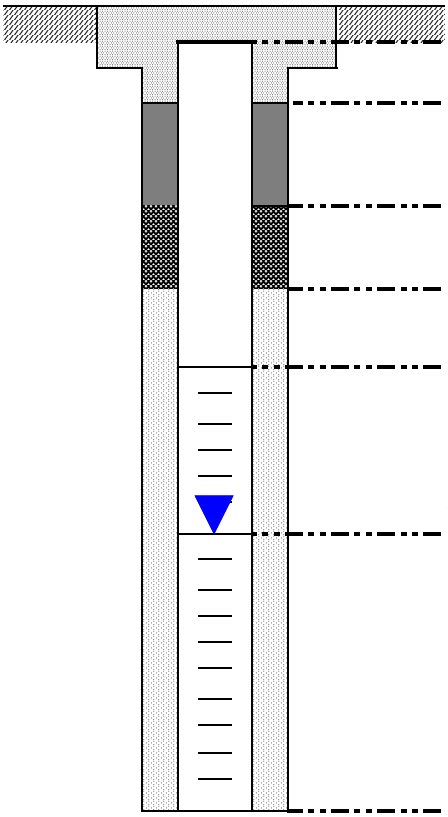
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-6** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	238 Eagle Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/12/2012
ELEVATION[1]:	11.02	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	7.49
		DEPTH TO BOTTOM[2]:	15.77
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	11.02	Protective Manhole Cover, Ground Surface
0.36	10.66	Top of Casing (TOC) 2" PVC
1.00	10.02	Top of Grout
2.13	8.89	Bottom of Grout/Top of Bentonite Seal
4.13	6.89	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
6.13	4.89	Top of Well Screen - Slot Size 0.01
7.85	3.17	Water Table
16.13	-5.11	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

Notes:

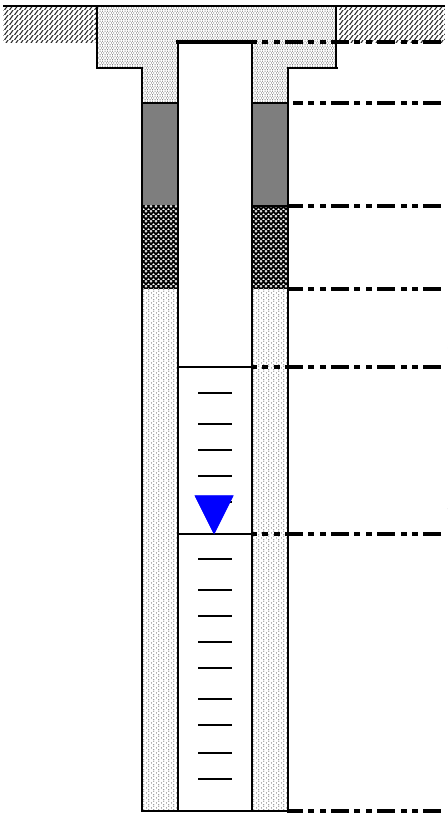
[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

TRC Engineers, Inc. 1430 Broadway, 10th Floor New York, New York 10018 Phone 212 221 7822	**WELL INSTALLATION LOG**	**WELL: NS-SB/MW-7** **SHEET 1 OF 1**

JOB NAME:	Former Ney Smelting	DRILLING METHOD:	Direct Push
ADDRESS:	238 Eagle Street	DRILLER:	Zebra Environmental
	Brooklyn, New York 11222	INSTALLATION DATE:	9/12/2012
ELEVATION[1]:	10.90	DEVELOPMENT DATE:	9/14/2012
INSPECTOR:	Phil Castellano	DEPTH TO WATER[2]:	7.11
		DEPTH TO BOTTOM[2]:	16.23
		PRODUCT THICKNESS:	None detected

Depth from Ground Surface (feet)	Elevation[1]	
0.00	10.90	Protective Manhole Cover, Ground Surface
0.30	10.60	Top of Casing (TOC) 2" PVC
1.00	9.90	Top of Grout
2.53	8.37	Bottom of Grout/Top of Bentonite Seal
4.53	6.37	Bottom of Bentonite Seal/Top of No. 1 Sand Pack
6.53	4.37	Top of Well Screen - Slot Size 0.01
7.41	3.49	Water Table
16.53	-5.63	Bottom of No. 1 Sand Pack/Bottom of Well Screen



Not to Scale

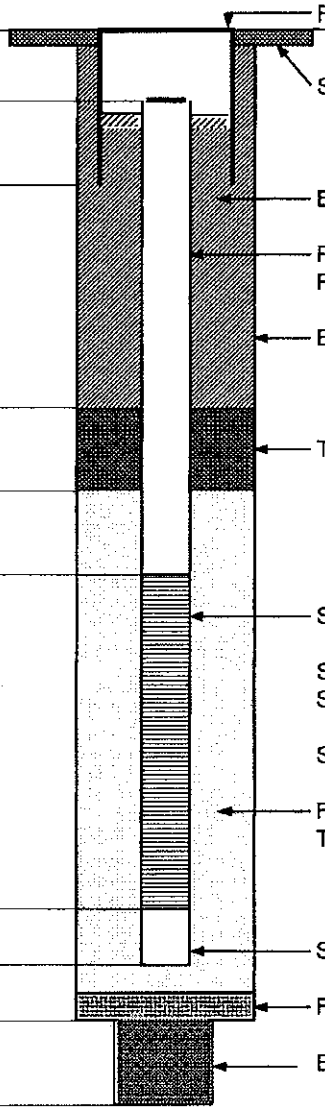
Notes:

[1]Surveyed elevations are relative to the NAVD 88 Vertical Datum. Groundwater monitoring well was surveyed by YEC Surveying on September 25, 2012.

[2]Feet below top of casing

JOINT VENTURE				SHALLOW AQUIFER (F) MONITORING WELL (Flushmount)	
Project:	WP-283 Newtown Creek WPCP Contracts NC-30, NC-31, and NC-32	**Number:**	**NCM-18S**		
Client:	City of New York	**Date:**	6/14/01	**Subcontractor:**	Moretrench American Corporation, Rockaway, New Jersey
Driller:	John Klingler				
Drilling Method:	Hollow stem augers utilizing a Mobile B-61 drilling rig.			**Measuring Point Type:**	**Elevation (BHD) (ft)**
Development Method:	Utilizing a suction hose and centrifugal pump pumped and surged water out of and through the screened interval.			**Grade:**	9.58
				Top of Riser:	9.26

Item	Depth, below Measuring Point (ft)	Elevation (BHD) (ft)	Description
			NOTE: ALL DEPTHS ARE FROM TOP OF RISER PIPE
			VERTICAL DATUM: Brooklyn Highway Datum
Grade	-0.32	9.58	Flushmount: 12" Watertight Manhole
Riser Pipe (Measuring Point)	0	9.26	Surface Seal Type: Concrete pad
Base of flushmount	0.68	8.58	Backfill/Grout Type: Cement-bentonite
			Riser Pipe Type: Schedule 40 PVC
			Riser Pipe ID: (4-inch.)
			Borehole Diameter: (8-inch.)
Top of Seal	2.68	6.58	
			Type of Seal: High solids Bentonite Slurry
Top of Filter Pack	4.68	4.58	
Top of Screen	6.68	2.58	
			Screen Type: PVC wire wrap
			Screen ID: (4-inch.)
			Screen Slot Size: 0.01-inch (10 slot)
			Screen Length: 10 ft
			Filter/Sand Pack Type: Morie No. 00 washed well screen filter
Base of Screen	11.68	-2.42	
End Cap	12.18	-2.92	Sump: Schedule 40 PVC (4-inch) Flush-threaded
Drilled Depth	12.18	-2.92	Fallback/Backfill: Cuttings/Sand
			Borehole Diameter: (2-inch.)
Total Depth	17.68	-8.42	

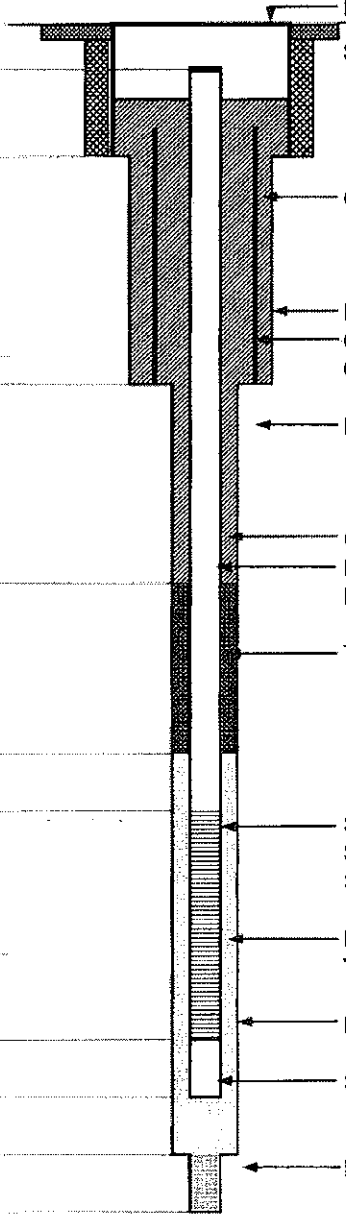


Notes: Well completed in Layer F.

Figure 4-5

JOINT VENTURE				INTERMEDIATE FORMATION (O2/S1) MONITORING WELL (Flushmount)	
Project:	WP-283 Newtown Creek WPCP Contracts NC-30, NC-31, and NC-32	**Number:**	**NCM-18I**		
Client:	City of New York	**Date:**	6/26/01	**Subcontractor:**	Moretrench American Corporation, Rockaway, New Jersey
Driller:	John Klingler				
Drilling Method:	Mud rotary with Revert™ as the drilling fluid additive utilizing a Simco 9100 drilling rig.			**Measuring Point**	
				Type:	**Elevation (BHD) (ft)**
Development Method:	Utilizing a 4-inch submersible pump, surged and pumped water out of and through the screened interval.			**Grade:**	9.53
				Top of Riser:	9.21

Item	Depth, below Measuring Point (ft)	Elevation (BHD) (ft)	Description
			NOTE: ALL DEPTHS ARE FROM TOP OF RISER PIPE
			VERTICAL DATUM: Brooklyn Highway Datum
Grade	-0.32	9.53	Flushmount: 12" Watertight Manhole
Riser Pipe (Measuring Point)	**0.0**	9.21	Surface Seal Type: Concrete pad (Sloping at the surface, extending inside and outside of the flushmount)
Base of flushmount casing	0.7	8.53	Grout Type: Cement-bentonite
Base of Fill (F)	13.7	-4.47	Borehole Diameter: (Nominal 10-inch)
Base of Casing	15.7	-6.47	Casing Type: Black steel Casing ID: (8-inch.)
			Borehole Diameter: (Nominal 8-inch.)
Top of Seal.	15.7	-6.47	Grout Type: Cement-bentonite Riser Pipe Type: Schedule 40 PVC Riser Pipe ID: (4-inch) Flush-Threaded
			Type of Seal: Hydrated high solids Bentonite Slurry
Top of Filter Pack	18.7	-9.47	
Top of Screen.	20.7	-11.47	Screen Type: Schedule 40 PVC Screen ID: (4-inch) Flush-Threaded Screen Slot Size: 0.01-inch (10 slot)
Top of 02/S1	23.7	-14.47	Filter/Sand Pack Type: FILPRO No. 00 Filtration quartz sand
Base of Screen.	25.7	-16.47	Borehole Diameter: (Nominal 8-inch.)
End Cap	26.2	-16.97	Sump: Schedule 40 PVC (4-inch) Flush-Threaded
Drilled Depth	27.7	-18.47	
			Fallback/Backfill: Cuttings/Sand
Total Depth	29.7	-20.47	

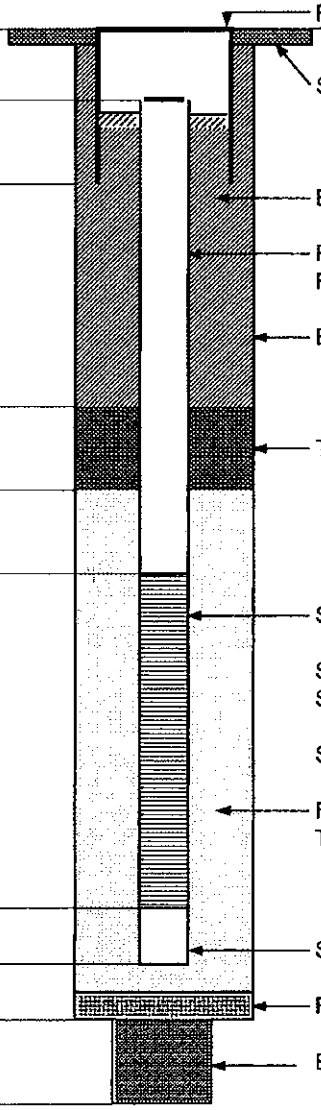


Notes:

Figure 4-3

JOINT VENTURE				SHALLOW AQUIFER (F) MONITORING WELL (Flushmount)	
Project:	WP-283 Newtown Creek WPCP Contracts NC-30, NC-31, and NC-32	**Number:**	**NCM-19S**		
Client:	City of New York	**Date:**	7/2/01	**Subcontractor:**	Moretrench American Corporation, Rockaway, New Jersey
Driller:	John Klingler				
Drilling Method:	Hollow stem augers utilizing a Mobile B-61 drilling rig.			**Measuring Point**	
				Type:	**Elevation (BHD) (ft)**
Development Method:	Utilizing a suction hose and centrifugal pum			**Grade:**	11.19
pumped and surged water out of and through the screened interval.				**Top of Riser:**	10.95

Item	Depth, below Measuring Point (ft)	Elevation (BHD) (ft)	Description
			NOTE: ALL DEPTHS ARE FROM TOP OF RISER PIPE
			VERTICAL DATUM: Brooklyn Highway Datum
Grade	-0.24	11.19	Flushmount: 12" Watertight Manhole
Riser Pipe (Measuring Point)	0	10.95	Surface Seal Type: Concrete pad
Base of flushmount	0.76	10.19	Backfill/Grout Type: Cement-bentonite
			Riser Pipe Type: Schedule 40 PVC
			Riser Pipe ID: (4-inch.)
			Borehole Diameter: (8-inch.)
Top of Seal	4.26	6.69	
			Type of Seal: High solids Bentonite Slurry
Top of Filter Pack	6.26	4.69	
Top of Screen	8.26	2.69	
			Screen Type: PVC wire wrap
			Screen ID: (4-inch.)
			Screen Slot Size: 0.01-inch (10 slot)
			Screen Length: 10 ft
			Filter/Sand Pack Type: Morie No. 00 washed well screen filter
Base of Screen	13.26	-2.31	
End Cap	13.76	-2.81	Sump: Schedule 40 PVC (4-inch) Flush-threaded
Drilled Depth	13.76	-2.81	Fallback/Backfill: Cuttings/Sand
			Borehole Diameter: (2-inch.)
Total Depth	13.76	-2.81	



Notes: Well completed in Layer F.

Figure 4-5

JOINT VENTURE			
Project:	WP-283 Newtown Creek WPCP Contracts NC-30, NC-31, and NC-32	**Number:**	**NCM-19I**
Client:	City of New York	**Date:**	7/3/01
Driller:	John Klingler		
Drilling Method:	Mud rotary with Revert™ as the drilling fluid additive utilizing a Simco 9100 drilling rig.		
Development Method:	Utilizing a 4-inch submersible pump, surged and pumped water out of and through the screened interval.		

INTERMEDIATE FORMATION (O2/S1)
MONITORING WELL
(Flushmount)

Subcontractor: Moretrench American Corporation, Rockaway, New Jersey

Measuring Point

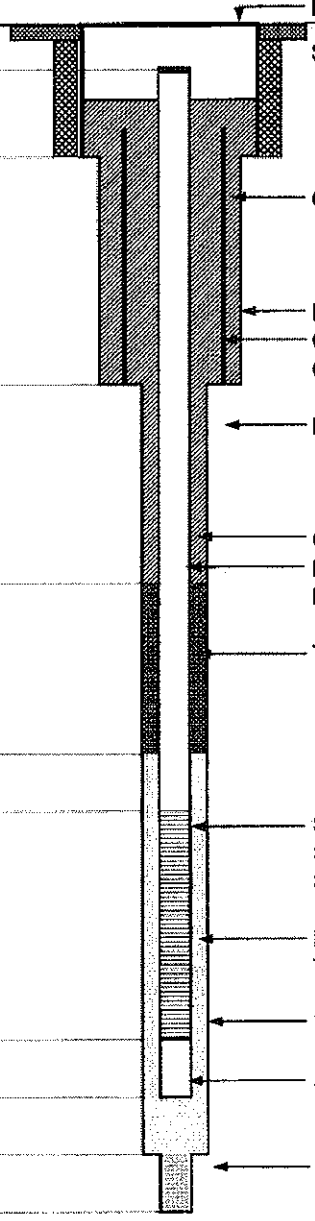
Type:	**Elevation (BHD) (ft)**
Grade:	11.16
Top of Riser:	10.83

Item	Depth, below Measuring Point (ft)	Elevation (BHD) (ft)
Grade	-0.33	11.16
Riser Pipe (Measuring Point)	**0.0**	10.83
Base of flushmount casing	0.7	10.16
Base of Fill (F)	16.7	-5.84
Base of Casing	20.7	-9.84
Top of Seal.	21.7	-10.84
Top of Filter Pack	23.7	-12.84
Top of 02/S1	24.7	-13.84
Top of Screen.	26.2	-15.34
Base of Screen.	31.2	-20.34
End Cap	31.7	-20.84
Drilled Depth	31.7	-20.84
Total Depth	33.7	-22.84

Description

NOTE: ALL DEPTHS ARE FROM TOP OF RISER PIPE

VERTICAL DATUM: Brooklyn Highway Datum



Flushmount	12" Watertight Manhole
Surface Seal Type:	Concrete pad (Sloping at the surface, extending inside and outside of the flushmount)
Grout Type:	Cement-bentonite
Borehole Diameter:	(Nominal 10-inch)
Casing Type:	Black steel
Casing ID:	(8-inch.)
Borehole Diameter:	(Nominal 8-inch.)
Grout Type:	Cement-bentonite
Riser Pipe Type:	Schedule 40 PVC
Riser Pipe ID:	(4-inch) Flush-Threaded
Type of Seal:	Hydrated high solids Bentonite Slurry
Screen Type:	Schedule 40 PVC
Screen ID:	(4-inch) Flush-Threaded
Screen Slot Size:	0.01-inch (10 slot)
Filter/Sand Pack Type:	FILPRO No. 00 Filtration quartz sand
Borehole Diameter:	(Nominal 8-inch.)
Sump:	Schedule 40 PVC (4-inch) Flush-Threaded
Fallback/Backfill:	Cuttings/Sand

Notes:

Figure 4-3

APPENDIX E
GROUNDWATER SAMPLING LOGS

TRC

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 14:05 **Sheet 1 of 1**

Groundwater Sampling Data Record Form

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-1

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

start purge	14:10
start sample collection	14:35
end sample collection	14:50

WELL MATERIAL

X		
PVC	SS	___

Well Depth (ft.):	17.48	Reference Point:	
Depth to Water (ft):	10.84		top of riser
		X	top of casing
			_____

	historical
	measured:
	notch
X	north side
	high pt
	pen mark

Depth of pump intake (ft.): 14.16

X	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Height of water column (ft.):	6.64

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	3.20	(if required)

Volume of Water in Well (gal):	1.06
Total Gallons Purged:	1.25
[Vol. = $r^2h(0.041)$]	

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	14:10	14:15	14:20	14:25	14:26	14:27			
Temp. (C.)	22.29	22.75	22.06	21.90	21.87	21.86			
Conduct.(ms/cm)	2.15	1.39	1.23	1.18	1.18	1.17			
DO (mg/L)	2.43	0.95	0.74	0.68	0.67	0.67			
pH (Std.Units)	6.83	6.50	6.51	6.50	6.50	6.51			
ORP (millivolts)	-111.00	-109.00	-101.00	-99.00	-98.00	-98.00			
Turb. (NTU)	0.00	7.40	0.00	0.00	0.00	0.00			
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00			
Depth to water (ft)	10.84	10.84	10.84	10.84	10.84	10.84			
Comments	None	None	None	None	None	None			
Color	Clear	Clear	Clear	Clear	Clear	Clear			
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	14:35	NS-MW-WG-1

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 14:45 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-2

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

start purge	14:50
start sample collection	15:20
end sample collection	15:35

WELL MATERIAL

X		
PVC	SS	___

Well Depth (ft.):	17.26	Reference Point:	
Depth to Water (ft):	10.95		top of riser
		X	top of casing
			_____

	historical
	measured:
	notch
X	north side
	high pt
	pen mark

Depth of pump intake (ft.): 14.11

Height of water column (ft.):	6.31

X	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	8.20	(if required)

Volume of Water in Well (gal):	1.01
Total Gallons Purged:	1.25

[Vol. = $r^2h(0.041)$]

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	14:50	14:55	15:00	15:05	15:06	15:07			
Temp. (C.)	24.23	23.38	23.09	22.98	22.96	22.95			
Conduct.(ms/cm)	1.83	1.67	1.56	1.54	1.56	1.60			
DO (mg/L)	3.48	0.95	0.65	0.70	0.69	0.68			
pH (Std.Units)	6.83	6.63	6.51	6.49	6.48	6.48			
ORP (millivolts)	-84.00	-64.00	-67.00	-62.00	-62.00	-64.00			
Turb. (NTU)	8.20	0.00	0.00	0.00	0.00	0.00			
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00			
Depth to water (ft)	10.95	10.95	10.95	10.95	10.95	10.95			
Comments	None	None	None	None	None	None			
Color	Clear	Clear	Clear	Clear	Clear	Clear			
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	15:20	NS-MW-WG-2

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/24/12 9:55 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-3

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up ---- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

WELL MATERIAL

X		
PVC	SS	___

Well Depth (ft.):	17.35
Depth to Water (ft):	11.07

Reference Point:

	top of riser	historical
X	top of casing	measured:
	_____	notch
		X north side
		high pt
		pen mark

Depth of pump intake (ft.): 14.21

start purge	10:00
start sample collection	10:30
end sample collection	10:45

Height of water column (ft.):	6.28

X	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	2.50	(if required)

Volume of Water in Well (gal):	1.00	Depth to NAPL (ft.):	ND
Total Gallons Purged:	1.50	Thickness of NAPL (ft.):	ND
[Vol. = $r^2h(0.041)$]			

FIELD WATER QUALITY MEASUREMENTS

Time	10:00	10:05	10:10	10:15	10:20	10:25	10:26	10:27	
Temp. (C.)	18.99	20.09	20.22	20.34	20.46	20.50	20.52	20.53	
Conduct.(ms/cm)	1.94	1.99	1.89	1.82	1.66	1.64	1.63	1.63	
DO (mg/L)	2.00	1.53	1.49	1.32	1.39	1.40	1.38	1.37	
pH (Std.Units)	6.22	6.46	6.47	6.48	6.43	6.41	6.46	6.46	
ORP (millivolts)	-9.00	-70.00	-75.00	-74.00	-67.00	-66.00	-64.00	-64.00	
Turb. (NTU)	115.00	61.90	32.50	16.60	27.90	23.90	23.10	20.90	
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	
Depth to water (ft)	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	
Comments	None	None	None	None	None	None	None	None	
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	10:30	NS-MW-WG-3

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 7:25 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-4

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

Well Depth (ft.):	17.61
Depth to Water (ft):	11.95

Reference Point:

		historical
		measured:
	top of riser	notch
X	top of casing	X north side
	_____	high pt
		pen mark

Depth of pump intake (ft.): 14.78

start purge	7:30
start sample collection	8:00
end sample collection	8:15

WELL MATERIAL

X PVC | SS

Height of water column (ft.):	5.66

	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
X	0.04 gal/ft (1 in.)

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Volume of Water in Well (gal):	0.23
Total Gallons Purged:	2.00
[Vol. = $r^2h(0.041)$]	

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	7:30	7:35	7:40	7:45	7:50	7:55	7:56	7:57	
Temp. (C.)	23.91	23.20	22.10	21.65	21.53	21.43	21.41	21.42	
Conduct.(ms/cm)	1.20	1.39	1.30	1.32	1.32	1.33	1.33	1.33	
DO (mg/L)	2.41	1.21	1.07	0.98	0.93	0.90	0.89	0.89	
pH (Std.Units)	6.92	6.84	6.74	6.73	6.73	6.73	6.72	6.72	
ORP (millivolts)	-45.00	-67.00	-68.00	-74.00	-78.00	-79.00	-79.00	-79.00	
Turb. (NTU)	358.00	280.00	190.00	90.30	70.50	46.20	41.00	37.30	
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	
Depth to water (ft)	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	
Comments	None	None	None	None	None	None	None	None	
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	8:00	NS-MW-WG-4

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/20/12 12:45 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-5

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up ---- ft. (from Ground)

WELL DIAMETER: [X] 2 inch; [ ] 4 inch; [ ] 6 inch; [ ] 1 inch

WELL MATERIAL: [X] PVC; [ ] SS; [ ] ____

Well Depth (ft.): 17.37

Depth to Water (ft): 11.28

Reference Point: [ ] top of riser; [X] top of casing; [ ] _____

[ ] historical; [ ] measured: [ ] notch; [X] north side; [ ] high pt; [ ] pen mark

Depth of pump intake (ft.): 14.33

Height of water column (ft.): 6.09

[X] .16 gal/ft (2 in.); [ ] .65 gal/ft (4 in.); [ ] 1.5 gal/ft (6 in.); [ ] ___ gal/ft (__in.)

start purge	12:55
start sample collection	13:30
end sample collection	14:15

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Volume of Water in Well (gal): 0.97

Total Gallons Purged: 1.50

[Vol. = $r^2h(0.041)$]

Depth to NAPL (ft.): ND

Thickness of NAPL (ft.): ND

FIELD WATER QUALITY MEASUREMENTS

Time	13:55	14:00	14:05	14:10	14:11	14:12			
Temp. (C.)	23.28	22.34	22.04	21.93	21.94	21.94			
Conduct.(ms/cm)	1.24	1.21	1.21	1.21	1.23	1.23			
DO (mg/L)	3.36	1.51	1.30	1.20	1.20	1.19			
pH (Std.Units)	6.35	6.53	6.55	6.57	6.57	6.57			
ORP (millivolts)	-13.00	-59.00	-65.00	-67.00	-68.00	-68.00			
Turb. (NTU)	66.30	19.00	5.00	0.00	0.00	0.00			
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00			
Depth to water (ft)	11.28	11.28	11.28	11.28	11.28	11.28			
Comments	None	None	None	None	None	None			
Color	Clear	Clear	Clear	Clear	Clear	Clear			
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	13:30	NS-MW-WG-5
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	13:30	NS-MW-WG-5-MS
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	13:30	NS-MW-WG-5-MSD

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 9:50 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-6

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

start purge	9:55
start sample collection	10:25
end sample collection	10:40

WELL MATERIAL: X | | | PVC SS ___

Well Depth (ft.):	15.77
Depth to Water (ft):	7.49

Reference Point:

	top of riser	historical
		measured:
X	top of casing	notch
	_____	north side
		high pt
		pen mark

Depth of pump intake (ft.): 11.63

Height of water column (ft.):	8.28

X	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Volume of Water in Well (gal):	1.32
Total Gallons Purged:	1.00

[Vol. = $r^2h(0.041)$]

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	9:55	10:00	10:05	10:10	10:15	10:16	10:17		
Temp. (C.)	18.45	18.83	18.63	18.82	18.90	18.89	18.88		
Conduct.(ms/cm)	2.63	2.26	2.50	2.30	2.27	2.28	2.31		
DO (mg/L)	1.62	1.27	1.23	1.31	1.31	1.29	1.26		
pH (Std.Units)	6.89	6.72	6.76	6.83	6.83	6.85	6.85		
ORP (millivolts)	263.00	163.00	141.00	116.00	110.00	109.00	107.00		
Turb. (NTU)	25.70	29.00	18.70	28.40	30.70	30.50	26.00		
Flow (ml/min)	200.00	200.00	200.00	200.00	200.00	200.00	200.00		
Depth to water (ft)	7.80	7.88	8.33	9.30	9.70	9.75	9.78		
Comments	Well recharges at a rate of ~0.1 ft/min								
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear		
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	10:25	NS-MW-WG-6

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 10:35 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-SB/MW-7

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

Well Depth (ft.):	16.23
Depth to Water (ft):	7.11

Reference Point:

	top of riser		historical
X	top of casing		measured:
	_____	X	north side
			high pt
			pen mark

Depth of pump intake (ft.): 11.67

start purge	10:40	
start sample collection	11:15	
end sample collection	11:30	

WELL MATERIAL

X		
PVC	SS	___

Height of water column (ft.):	9.12	
Volume of Water in Well (gal):	1.46	
Total Gallons Purged:	0.75	

[Vol. = $r^2h(0.041)$]

X	.16 gal/ft (2 in.)	
	.65 gal/ft (4 in.)	
	1.5 gal/ft (6 in.)	
	___ gal/ft (__in.)	

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	10:40	10:45	10:50	10:51	10:52				
Temp. (C.)	19.00	18.55	18.55	18.56	18.56				
Conduct.(ms/cm)	1.51	1.52	1.52	1.52	1.52				
DO (mg/L)	2.47	1.70	1.15	1.08	1.07				
pH (Std.Units)	7.15	6.58	6.54	6.54	6.54				
ORP (millivolts)	-34.00	-44.00	-45.00	-46.00	-46.00				
Turb. (NTU)	7.50	4.20	5.70	6.60	5.20				
Flow (ml/min)	200.00	200.00	200.00	200.00	200.00				
Depth to water (ft)	7.15	7.85	8.70	8.73	8.76				
Comments	Well recharges at a rate of ~0.1 ft/min								
Color	Clear	Clear	Clear	Clear	Clear				
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	11:15	NS-MW-WG-7

TRC

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/20/12 15:45 **Sheet** 1 of 1

Groundwater Sampling Data Record Form

TRC Personnel: Phil Castellano

Well Identification: DEP-MW-8

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

start purge	15:55
start sample collection	16:20
end sample collection	16:35

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Protective Casing Stick-up ---- ft. (from Ground)

WELL DIAMETER	
	2 inch
X	4 inch
	6 inch
	1 inch

WELL MATERIAL

X		
PVC	SS	___

Well Depth (ft.):	25.32	Reference Point:	
Depth to Water (ft):	9.57		top of riser
		X	top of casing
			_____

	historical
	measured:
	notch
X	north side
	high pt
	pen mark

Depth of pump intake (ft.): 17.45

Height of water column (ft.):	15.75

	.16 gal/ft (2 in.)
X	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Volume of Water in Well (gal):	10.24
Total Gallons Purged:	1.50
[Vol. = $r^2h(0.041)$]	

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	15:55	16:00	16:05	16:10	16:11	16:12			
Temp. (C.)	20.23	19.91	19.83	19.80	19.79	19.79			
Conduct.(ms/cm)	1.09	1.10	1.10	1.10	1.10	1.10			
DO (mg/L)	1.60	1.39	1.24	1.19	1.18	1.17			
pH (Std.Units)	7.28	7.20	7.17	7.17	7.17	7.17			
ORP (millivolts)	-116.00	-114.00	-114.00	-114.00	-114.00	-114.00			
Turb. (NTU)	6.70	0.00	0.00	0.00	0.00	0.00			
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00			
Depth to water (ft)	9.57	9.95	10.34	10.50	10.46	10.41			
Comments	Well recharges at a rate of ~0.1 ft/min								
Color	Clear	Clear	Clear	Clear	Clear	Clear			
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	16:20	NS-MW-WG-8

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/20/12 17:10 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: DEP-MW-9

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER	
	2 inch
X	4 inch
	6 inch
	1 inch

WELL MATERIAL

X		
PVC	SS	

Well Depth (ft.):	12.12
Depth to Water (ft):	6.98

Reference Point:

	top of riser
X	top of casing
	_____

	historical
	measured:
X	notch
	north side
	high pt
	pen mark

Depth of pump intake (ft.): 9.55

	.16 gal/ft (2 in.)
X	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Height of water column (ft.):	5.14

start purge	17:20
start sample collection	17:45
end sample collection	18:00

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Volume of Water in Well (gal):	3.34
Total Gallons Purged:	1.00
[Vol. = $r^2h(0.041)$]	

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	17:20	17:25	17:30	17:31	17:32				
Temp. (C.)	20.14	20.50	20.46	20.45	20.46				
Conduct.(ms/cm)	1.26	1.27	1.27	1.27	1.27				
DO (mg/L)	1.82	1.13	1.08	1.07	1.07				
pH (Std.Units)	6.93	9.83	6.83	6.83	6.83				
ORP (millivolts)	-111.00	-119.00	-120.00	-120.00	-120.00				
Turb. (NTU)	3.40	52.40	20.20	14.20	9.60				
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00				
Depth to water (ft)	7.04	7.21	7.44	7.48	7.53				
Comments	Well recharges at a rate of ~0.1 ft/min								
Color	Clear	Clear	Clear	Clear	Clear				
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	17:45	NS-MW-WG-9

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/24/12 11:10 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: NS-MW-10

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER		
	X	2 inch
		4 inch
		6 inch
		1 inch

WELL MATERIAL

X		
PVC	SS	

Well Depth (ft.):	18.27
Depth to Water (ft):	9.64

Reference Point:

	top of riser	historical
X	top of casing	measured:
	_____	X north side
		high pt
		pen mark

Depth of pump intake (ft.): 13.96

X	.16 gal/ft (2 in.)
	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Height of water column (ft.):	8.63

start purge	11:20
start sample collection	11:50
end sample collection	12:05

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	1.10	(if required)

Volume of Water in Well (gal):	1.38
Total Gallons Purged:	1.25

[Vol. = $r^2h(0.041)$]

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	11:20	11:25	11:30	11:35	11:40	11:41	11:42		
Temp. (C.)	20.83	21.00	20.98	21.13	21.17	21.17	21.18		
Conduct.(ms/cm)	1.08	2.44	2.48	2.05	2.03	2.01	2.00		
DO (mg/L)	3.09	3.02	1.89	2.07	2.10	2.12	2.12		
pH (Std.Units)	6.59	6.49	6.52	6.53	6.53	6.53	6.53		
ORP (millivolts)	-83.00	-102.00	-107.00	-109.00	-110.00	-111.00	-111.00		
Turb. (NTU)	42.50	21.60	18.20	13.70	11.50	11.50	11.20		
Flow (ml/min)	250.00	250.00	250.00	250.00	250.00	250.00	250.00		
Depth to water (ft)	9.64	9.92	9.99	10.05	10.08	10.08	10.09		
Comments	Well recharges approximately instantly								
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear		
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	11:50	NS-MW-WG-10

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 | **Date/Time:** 9/21/12 12:05 | **Sheet** 1 of 1

Groundwater Sampling Data Record Form

TRC Personnel: Phil Castellano

Well Identification: DEP-MW-11

WELL INTEGRITY

	YES	NO
Protect. Casing Secure		X
Concrete Collar Intact		X
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up ---- ft. (from Ground)

WELL DIAMETER	
	2 inch
X	4 inch
	6 inch
	1 inch

start purge	12:15
start sample collection	13:00
end sample collection	13:15

WELL MATERIAL: X | | |

PVC SS ___

Well Depth (ft.):	31.1		historical
Depth to Water (ft):	11.27		measured:
			notch
Reference Point:	X top of casing	X	north side
			high pt
			pen mark

Depth of pump intake (ft.): 21.19

Height of water column (ft.): 19.83

	.16 gal/ft (2 in.)
X	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

Volume of Water in Well (gal): 12.89

Total Gallons Purged: 3.00

[Vol. = $r^2h(0.041)$]

Depth to NAPL (ft.): ND

Thickness of NAPL (ft.): ND

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

FIELD WATER QUALITY MEASUREMENTS

Time	12:15	12:20	12:25	12:30	12:35	12:40	12:45	12:50	12:51
Temp. (C.)	22.55	22.26	22.05	21.47	21.16	21.18	21.03	21.08	21.06
Conduct.(ms/cm)	0.09	0.09	0.09	0.09	0.10	0.12	0.14	0.15	0.15
DO (mg/L)	3.88	2.69	2.84	2.77	2.47	1.44	0.95	0.91	0.89
pH (Std.Units)	7.76	7.08	6.94	6.90	6.86	6.82	6.91	6.93	6.94
ORP (millivolts)	42.00	54.00	65.00	72.00	42.00	-25.00	-71.00	-80.00	-82.00
Turb. (NTU)	0.00	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Flow (ml/min)	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
Depth to water (ft)	11.35	11.52	11.55	11.56	11.56	11.56	11.56	11.56	11.56
Comments	Well recharges approximately instantly								
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear

Time	12:52
Temp. (C.)	20.98
Conduct.(ms/cm)	0.15
DO (mg/L)	0.89
pH (Std.Units)	6.95
ORP (millivolts)	-87.00
Turb. (NTU)	0.00
Flow (ml/min)	300.00
Depth to water (ft)	11.56
Comments	"
Color	Clear

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	13:00	NS-MW-WG-11

Groundwater Sampling Data Record Form

Project: Former Ney Smelting **Project No.:** 194300.0000.0000 **Date/Time:** 9/21/12 13:05 **Sheet** 1 of 1

TRC Personnel: Phil Castellano

Well Identification: DEP-MW-12

WELL INTEGRITY

	YES	NO
Protect. Casing Secure	X	
Concrete Collar Intact	X	
PVC Stick-up Intact	X	
Well Cap Present	X	
Security Lock Present		X

Protective Casing Stick-up --- ft. (from Ground)

WELL DIAMETER	
	2 inch
X	4 inch
	6 inch
	1 inch

WELL MATERIAL

X		
PVC	SS	___

Well Depth (ft.):	13.89
Depth to Water (ft):	10.67

Reference Point:

	top of riser		historical
X	top of casing		measured:
	_____	X	north side
			high pt
			pen mark

Depth of pump intake (ft.): 12.28

	.16 gal/ft (2 in.)
X	.65 gal/ft (4 in.)
	1.5 gal/ft (6 in.)
	___ gal/ft (__in.)

start purge	13:10
start sample collection	13:45
end sample collection	14:00

Height of water column (ft.):	3.22

PID SCREENING (ppmV)

Background	0.00	
Well Mouth	0.00	(if required)

Volume of Water in Well (gal):	2.09
Total Gallons Purged:	2.00
[Vol. = $r^2h(0.041)$]	

Depth to NAPL (ft.):	ND
Thickness of NAPL (ft.):	ND

FIELD WATER QUALITY MEASUREMENTS

Time	13:10	13:15	13:20	13:25	13:30	13:31	13:32		
Temp. (C.)	25.44	25.03	24.15	24.54	24.69	24.59	24.58		
Conduct.(ms/cm)	1.79	1.80	1.79	1.67	1.61	1.60	1.59		
DO (mg/L)	0.78	0.70	0.66	0.62	0.61	0.60	0.60		
pH (Std.Units)	6.47	6.50	6.52	6.53	6.54	6.54	6.54		
ORP (millivolts)	84.00	73.00	62.00	-1.00	-14.00	-14.00	-16.00		
Turb. (NTU)	0.00	7.40	0.00	0.00	0.00	0.00	0.00		
Flow (ml/min)	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
Depth to water (ft)	10.67	10.67	10.67	10.67	10.67	10.67	10.67		
Comments	Well recharges approximately instantly								
Color	Clear	Clear	Clear	Clear	Clear	Clear	Clear		
Time									
Temp. (C.)									
Conduct.(ms/cm)									
DO (mg/L)									
pH (Std.Units)									
ORP (millivolts)									
Turb. (NTU)									
Flow (ml/min)									
Depth to water (ft)									
Comments									
Color									

Pump Type	Purge	Sample
Peristaltic Pump	X	X
Submersible Pump		
Bladder Pump		
Other:		

Description of Sampling Equipment: Series II Geopump, Teflon Tubing

Analytical Parameters	Filtered (Y/N)	Preservation	Volume/Containers	Time Collected	Sample ID
TAL Metals, Mercury, Cyanide, PCB, TCL VOC+10, TCL SVOC+20	N	4°C 3x HcL, 1x HNO_3, 1x NaOH	4x Amber, 3x 40 mL Amber VoA, 4x 250 mL Plastic	13:45	NS-MW-WG-12

APPENDIX F
SITE SURVEY



SCALE

20 10 0 20 FT.

WELL ELEVATION TABLE

WELL I.D.	TOP CASING	TOP PVC
MW-1	12.88	12.44
MW-2	12.83	12.39
MW-3	12.92	12.45
MW-4	13.73	13.34
MW-5	13.10	12.67
MW-6	11.02	10.66
MW-7	10.90	10.60
MW-8	10.68	10.37
MW-9	10.73	10.49
MW-10	11.78	11.49
MW-11	12.24	11.94
MW-12	12.24	12.05

LEGEND

- MONITORING WELL
- SOIL SAMPLE WITH GROUND ELEVATION
- PAINT LINE AS MARKED FOR UG GAS
- GAS VALVE
- GAS MANHOLE
- GAS BOX
- PAINT LINE AS MARKED FOR UG ELECTRIC
- ELECTRIC MANHOLE
- ELECTRIC BOX
- SEWER MANHOLE
- WATER MANHOLE
- WATER BOX
- WATER VALVE
- HYDRANT
- UTILITY POLE
- OVERHEAD UTILITY WIRES
- LIGHT POLE
- CHAIN LINK FENCE
- METAL FENCE
- PROPERTY LINE (APPRX FROM TAX MAPS)

NOTES

1) DATE OF FIELD SURVEY: SEPTEMBER 25, 2012.
2) HORIZONTAL DATUM: NAD 83 FROM GPS OBSERVATIONS.
3) VERTICAL DATUM: NAVD 88 FROM GPS OBSERVATIONS.
4) UNDERGROUND UTILITIES SHOWN AS MARKED IN FIELD, LOCATION OF ACTUAL UTILITIES NOT CERTIFIED TO.
5) SURFACE SOIL LOCATIONS PER TRC PERSONNEL.
6) PROPERTY LINES APPROXIMATE FROM TAX MAPS.

REVISIONS	YEC, INC.	
	VALLEY COTTAGE	NEW YORK

FORMER NEY SMELTING AND REFINING SITE SURVEY

BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

DATE:	SCALE:	DRAWN BY:	CHECKED BY:	JOB NO.
NOV 2012	1" = 20'	MBW	DRS	A0456

APPENDIX G
WASTE DISPOSAL MANIFEST

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N / A

Manifest Document No.: 5 8 3 7 8

2. Page 1 of 1

3. Generator's Name and Mailing Address
Former Ney Smelting & Refining Company c/o NYSDEC
Div. of Enviro. Remediation: 625 Broadway, 12th Fl
Albany, NY 12233

4. Generator's Phone (518) 402-9767 ATTN: MR. JIM BEILBY

269 Freeman Street
Brooklyn, NY 11222

5. Transporter 1 Company Name: Freehold Cartage, Inc.

6. US EPA ID Number: N J D 0 5 4 1 2 6 1 6 4

A. State Transporter's ID

B. Transporter 1 Phone: (732)462-1001

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Vexor Technology, Inc.
955 West Smith Road
Medina, OH 44256

10. US EPA ID Number: O H D 0 7 7 7 7 2 8 9 5

E. State Facility's ID

F. Facility's Phone: (330)721-9773

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Hazardous Non-DOT Regulated Material (Drill Cuttings & Purge Water)	03	DM	700	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) VEX
Certificate of Disposal Required

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Phillip Castellano as agent for NYSDEC
Signature:
Date: Month 10 Day 18 Year 12

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Chris Losert
Signature:
Date: Month 10 Day 18 Year 12

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name:
Signature:
Date: Month Day Year

NON-HAZARDOUS WASTE

APPENDIX H
DATA USABILITY SUMMARY REPORT

Project

Former Ney Smelting & Refining Co.
NYSDEC Site No. 2241460

Client

New York State Department of Environmental Conservation (NYSDEC)

NYSDEC Project Manager:
Ian Beilby, P.E.
Email:
iabeilby@gw.dec.state.ny.us

Work Assignment Number (NYSDEC)

D007620-4

Work Assignment Issuance

August 17, 2012

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 12th Floor, Albany, New York 12233

Data Usability Summary Report (DUSR)

Location and Laboratory Summary

A total of twenty six soil samples, twelve water samples and two trip blanks were collected at the Former Ney Smelting & Refining Company Site by TRC Engineers, Inc. (TRC) between September 11 and 24, 2012.

Analysis was conducted by TestAmerica Laboratories, located in Buffalo, NY; Nashville, TN and Corpus Christi, TX. The data packages were submitted to TRC and have been reviewed by Dvirka and Bartilucci Consulting Engineers', a Division of D&B Engineers and Architects, P.C.

TRC received a letter from TestAmerica Laboratories dated December 10, 2012 stating that the laboratory was not certified for naphthalene and 1,3-dichlorobenzene for USEPA method SW846 8270C in laboratory packages 480-25082 and 480-25168 provided in Attachment A. 1,3-Dichlorobenzene was not reported from this method. Naphthalene was reported from this method however, it was not detected above the reporting limit in any samples. Qualification of the naphthalene and 1,3-dichlorobenzene data was not required based on the laboratory certification.

DUSR Requirements

The data packages have been reviewed for completeness and compliance with NYSDEC QA/QC requirements, as well as the requirements for development of Data Usability Summary Reports as listed in Appendix 2B of the DER-10 Technical Guidance for Site Investigations and Remediation dated May 2010. Each data package was reviewed for the following:

- Was a NYSDEC Category B deliverable data package submitted?
- Have all holding times been met?
- Does all QA/QC data fall within QA/QC limits and specifications?
- Were appropriate methods followed?
- Does the raw data conform to that reported on the data summary sheets?
- Have the correct data qualifiers been utilized?

Data Package Summary

The laboratories provided NYSDEC Analytical Services Protocol (ASP) Category B deliverable data packages for five sample delivery groups (SDGs). All samples were analyzed using the requested USEPA methods: Volatile Organic Compounds (VOCs): by SW846 8260B; Semi-Volatile Organic Compounds (SVOCs): by SW846 8270C and/or 8270D; PCBs: by SW846 8082; Metals: by SW846 6010B; mercury by SW846 7471A or 7470A; Cyanide by SW846 9012A. Selected soil samples were TCLP extracted by Method SW1311 and analyzed for VOCs, SVOCs, Metals, Ignitability by Method SW8461010, Corrosivity Toward Steel by Method SW846 1110A, Extractable Organic Halides by Method SW846 9023, Herbicides and Pesticides by Method SW846 8151 and 8081A, respectively. Water samples were analyzed for both total and dissolved metals and cyanide. The data validation checklist reports are provided for each SDG as Attachment B. A summary of the findings of the data review process and required data qualifiers are summarized below.

SDG/Matrix	480-25085/Soil			
Sample ID	NS-SB/MW-1-SO-(1-3), NS-SB/MW-1-SO-(10-11.5), NS-SB/MW-5-SO-(1-3), NS-SB/MW-5-SO-(7.5-9.5), NS-SB/MW-6-SO-(0.5-2.5), NS-SB/MW-6-SO-(10-11), NS-SB/MW-7-SO-(1-3), NS-SB/MW-7-SO-(8-10), NS-SB/MW-2-SO-(1-3) and NS-SB/MW-2-SO-(10-11)			
Anaytes	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Total 1,2-dichlorobenzene	--/U	J/UJ	All samples	%Rs were below QC limits in the MS and MSD
Total Tetrachloroethene (result reported form the dilution)	--	D	NS-SB/MW-7-SO-(1-3)	Compound that exhibited a concentration greater than the linear range of the instrument calibration
Total pentachlorophenol	U	UJ	All samples	%R was below QC limits in the MS
Total acenaphthene, fluorene, naphthalene, pentachlorophenol and pyrene	--/U	J /U	All samples	%Rs were above QC limits in the MS and/or RPDs were above the QC limits
Anthracene, carbazole, fluoranthene, phenanthrene and pyrene	--	J	NS-SB/MW-1-SO-(10-11.5)	The %R was below QC limits for 2,4,6-tribromophenol
4-Bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol	U	UJ	NS-SB/MW-1-SO-(10-11.5)	The %R was below QC limits for 2,4,6-tribromophenol
Silvex and 2,4-D	U	UJ	NS-SB/MW-7-SO-(1-3)	The surrogate %Rs for herbicides were below QC limits
Total sodium	B	UB	NS-SB/MW-5-SO-(7.5-9.5) and NS-SB/MW-7-SO-(1-3)	Detected in the method blank
TCLP chromium	B	UB	NS-SB/MW-7-SO-(1-3)	Detected in the method blank
Total and TCLP Metals without validation qualified of UB	B	--	All samples	Detected in the method blank
Total antimony, magnesium, and mercury	--/U	J/UJ	All samples	%R below QC limits in the spike sample
Total aluminum and barium	--/U	J/U	All samples	%R below QC limits in the spike sample
Total cobalt and manganese	--/U	J/UJ	All samples	RPD above QC limits in the duplicate sample
Total mercury	--/U	J/UJ	All samples	%Ds above the QC limits of 10% in the serial dilution
Total cyanide	--/U	J/UJ	All samples	%R below QC limits in the MS sample and the RPD was above the QC limits

SDG/Matrix	480-25168/Soil			
Sample ID	NS-SB/MW-3-SO-(1-3), NS-SB/MW-3-SO-(10-11), NS-SB/MW-4-SO-(0.5-2.5) and NS-SB/MW-4-SO-(10-11.5)			
Anaytes	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Naphthalene in VOCs	--	--	NS-SB/MW-3-SO-(1-3) and NS-SB/MW-3-SO-(10-11)	Naphthalene was reported as a target compound and should be reported as a TIC.
Total 4-nitrophenol, acenaphthene, fluorene, pentachlorophenol and pyrene	--/U	J/U	All samples	%Rs were above QC limits in the MS and/or RPDs were above the QC limits
Total anthracene, carbazole, fluoranthene, phenanthrene and pyrene	--	J	NS-SB/MW-3-SO-(1-3)	The %R was below QC limits for 2,4,6-tribromophenol and 2-fluorophenol
Total benzaldehyde, 4-bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol	U	UJ	NS-SB/MW-3-SO-(1-3)	The %R was below QC limits for 2,4,6-tribromophenol and 2-fluorophenol
Silvex and 2,4-D	U	UJ	NS-SB/MW-4-SO-(10-11.5)	The surrogate %Rs for herbicides were below QC limits
TCLP chromium	B	UB	NS-SB/MW-4-SO-(10-11.5)	Detected in the method blank
Total and TCLP Metals without validation qualified of UB	B	--	All samples	Detected in the method blank
Total mercury and magnesium	--/U	J/UJ	All samples	%R below QC limits in the spike sample
Total aluminum, antimony and chromium	--/U	J/U	All samples	%R below QC limits in the spike sample
Total nickel	--/U	J/UJ	All samples	RPD above QC limits in the duplicate sample
Total calcium, magnesium and zinc	--	J	All samples	%Ds above the QC limits of 10% in the serial dilution
Total cyanide	--/U	J/UJ	All samples	%R below QC limits in the laboratory duplicate
Extractable Organic Halides	U	UJ	NS-SB/MW-4-SO-(10-11.5)	%R below QC limits in the MS sample and the RPD was above the QC limits

SDG/Matrix	480-25484/Soil			
Sample ID	NS-SS-SS-1-(0), NS-SS-SS-2-(0), NS-SS-SS-3-(0), NS-SS-SS-4-(0), NS-SS-SS-5-(0.25), NS-SS-SS-6-(0.25), NS-SS-SS-7-(0.25), NS-SS-SS-8-(0), NS-SS-SS-9-(0.25), NS-SS-SS-10-(0.25), NS-SS-SS-11-(0.25) and NS-SS-SS-12-(0)			
Anaytes	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Total xylene	B	UB	NS-SS-SS-1	Detected in the method blank
Total 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichlorobenzene, benzene, chlorobenzene, cis-1,2-dichloroethene, ethylbenzene, tetrachloroethene, toluene, trans-1,2-dichloroethene and trichloroethene	--/U	J/UJ	All samples	%Rs were below QC limits in the MS and/or MSD
Total anthracene, benzo(g,h,i)perylene, fluoranthene, hexachlorocyclopentadiene, 4-nitroaniline, pyrene, pentachlorophenol and 1,2-dichlorobenzene	--/U	J/UJ	All samples	%Rs were below QC limits in the MS and/or MSD
Total benzo(g,h,i)perylene	--/U	J/U	All samples	RPD was above the QC limits in the MS/MSD

Anaytes SDG:480-25484 continued	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Total SVOCs were reported from the reanalyzes for these samples	--	--	NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8	All the original total analyses had at least one internal standard area above QC limits. No compounds associated with the non-compliant internal standards were detected above the reporting limit in any samples; therefore, qualification of the data was not necessary.
Total SVOCs were reported from the original analyses for these samples	--	--	NS-SS-SS-2, NS-SS-SS-3, NS-SS-SS-6, NS-SS-SS-7, NS-SS-SS-10, NS-SS-SS-11 and NS-SS-SS-12	
Total SVOCs were reported from the dilutions for these samples	--	--	NS-SS-SS-5 and NS-SS-SS-9	
Total pentachlorophenol and 4,6-dinitro-2-methylphenol	U	UJ	Reanalyzes for NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8	The %D was above the QC limit for the continuing calibration
Total Pyrene (result taken from diluted anaylsis)	--	D	NS-SS-SS-6	Compound that exhibited a concentration greater than the linear range of the instrument calibration
Endrin	--	J	NS-SS-SS-6	The duel column confirmation had a RPD above QC limits
Aroclor 1260 and Aroclor 1268	--	J	NS-SS-SS-6	The surrogate %Rs for PCBS were above QC limits
Silvex and 2,4-D	U	UJ	NS-SS-SS-6 and NS-SS-SS-11	The surrogate %Rs for herbicides were below QC limits
Total zinc	B	UB	NS-SS-SS-4	Detected in the method blank
TCLP chromium	B	UB	NS-SS-SS-6	Detected in the method blank
Total and TCLP Metals without validation qualified of UB	B	--	All samples	Detected in the method blank
Total aluminum, barium, iron, manganese, magnesium, and mercury	--/U	J/UJ	All samples	%R below QC limits in the spike sample
Total calcium and magnesium	--/U	J/UJ	All samples	RPD above QC limits in the duplicate sample
Total aluminum, calcium, iron, magnesium, potassium and zinc	--/U	J/UJ	All samples	%Ds above the QC limits of 10% in the serial dilution

SDG/Matrix	480-25511/Water			
Sample ID	NS-MW-WG-1, NS-MW-WG-2, NS-MW-WG-4, NS-MW-WG-5, NS-MW-WG-6, NS-MW-WG-7, DEP-MW-WG-8, DEP-MW-WG-9, DEP-MW-WG-11, DEP-MW-WG-12 and TRIP BLANK			
Anaytes	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
1,1,2-Trichloro-1,2,2-trifluoroethane, bromomethane, carbon disulfide and cyclohexane	U	UJ	All samples	The %Ds were above the QC limit for the continuing calibration
Tetrachloroethene (result reported from the dilution)	--	D	NS-MW-WG-7	Compound that exhibited a concentration greater than the linear range of the instrument calibration
Di-n-octyl phthalate	B	UB	DEP-MW-WG-9	Detected in the method blank
Butyl benzyl phthalate, 3,3'-dichlorobenzidine, benzo(a)anthracene, bis(2-ethylhexyl)phthalate, chysene, di-n-octyl phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene and benzo(g,h,i)perylene	--/U	J/UJ	NS-MW-WG-1, NS-MW-WG-2, NS-MW-WG-4, NS-MW-WG-5, NS-MW-WG-6 and DEP-MW-WG-8	The %R was below QC limits for p-terphenyl-d14
Dissolved aluminum	B	UB	NS-MW-WG-5 and DEP-MW-WG-11	Detected in the method blank

Anaytes SDG:480-25511 continued	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Dissolved iron	B	UB	NS-MW-WG-6, NS-MW-WG-7 and DEP-MW-WG-8	Detected in the method blank
Dissolved zinc	B	UB	NS-MW-WG-4,DEP-MW-WG-8 and DEP-MW-WG-9	Detected in the method blank
Total and dissolved Metals without validation qualified of UB	B	--	All samples	Detected in the method blank
Dissolved barium	--	J	All samples	%R above QC limits in the spike sample
Dissolved cyanide	--/U	J/UJ	All samples	Analyzed outside the holding time
Total cyanide	--/U	J/UJ	All samples	%R below QC limits in the MS sample and the RPD was above the QC limits

SDG/Matrix	480-25581/Water			
Sample ID	NS-MW-WG-3, NS-MW-WG-10 and TRIP BLANK			
Anaytes	**Laboratory Qualifier**	**Validation Qualifier**	**Associated Sample**	**Reason For Qualification**
Bromoform	U	UJ	All samples	The %D was above the QC limit for the continuing calibration
Dissolved Iron	B	UB	NS-MW-WG-3	Detected in the method blank
Dissolved Zinc	B	UB	NS-MW-WG-10	Detected in the method blank
Total and dissolved Metals without validation qualified of UB	B	--	All samples	Detected in the method blank
Dissolved barium, calcium, magnesium, manganese, potassium and sodium	--/U	J/UJ	All samples	%Ds above the QC limits of 10% in the serial dilution

%R - Percent Recovery
RPD - Relative Percent Difference
MS - Matrix Spike
MSD - MS Duplicate
%D - Percent Difference

-- : No qualifier
U: Non-detect
D: Result taken from secondary dilution
B: Compound detected in method blank and sample

J: Estimated value
UJ: Estimated detection limit
UB: Qualified as non-detect

No other problems were found with the sample results. All results have been deemed valid and usable for environmental assessment purposes, as qualified above.

ATTACHMENT A

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

December 10, 2012

Mike Sherwood

TRC Environmental Corporation
1430 Broadway, 10th FL
New York, NY 10018-3308:

Re: NYSDOH Solid Hazardous Waste Certification Lapse – Naphthalene and 1,3-Dichlorobenzene

Dear Mike Sherwood

TestAmerica was recently audited by the New York Department of Health in support of the laboratory's NELAC analytical accreditation. The routine audit identified that the laboratory was not certified for two organic compounds Naphthalene and 1,3-Dichlorobenzene for the Solid Hazardous Waste program between March 26, 2012 and September 20, 2012. The laboratory is responsible to disclose certification status when supplying analytical data to customers. Upon being notified of our lack of certification for these two analytes, the laboratory immediately took action to regain certification and is now in place.

To ensure that all impacted samples were identified, TestAmerica performed an electronic query of the LIMS database. A detailed listing of TestAmerica jobs and samples that were analyzed and issued has been attached for your review.

It must be noted that although the laboratory experienced a certification lapse for the identified target analytes the laboratory followed established method and laboratory quality control criteria while performing the requested analyses. Any non-conformances impacting data integrity was supplied in the case narrative of the original report.

Please accept our apologies for any inconvenience this may have caused. We recognize that these problems are regrettable and embarrassing, however you can be assured that TestAmerica will always be proactive in correcting errors. If you would like to discuss this issue in more detail please contact your TestAmerica project manager Melissa L Deyo at (716)691-2600.

Sincerely,
TestAmerica Laboratories, Inc.

Mark A. Nemec
Customer Service Manager
A134

ID	Job Number	Project Description	Client Sample ID	Lab ID	Sample Date	Analysis Date	Method	Analyte Name
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-1-SO-(10-11.5)	480-25085-B-2-B	9/11/12 10:35	9/17/12 15:29	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-1-SO-(1-3)	480-25085-B-1-B	9/11/12 10:30	9/17/12 15:05	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-2-SO-(10-11)	480-25085-B-10-C	9/12/12 13:45	9/17/12 18:37	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-2-SO-(1-3)	480-25085-B-9-B	9/12/12 13:40	9/17/12 18:14	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(1-3)	480-25085-A-3-B	9/11/12 13:30	9/17/12 15:53	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)	480-25085-B-4-E MSD	9/11/12 13:35	9/17/12 14:41	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)	480-25085-B-4-F	9/11/12 13:35	9/17/12 16:16	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)	480-25085-B-4-D MS	9/11/12 13:35	9/17/12 22:32	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MS	480-25085-B-4-E MSD	9/11/12 13:35	9/17/12 14:41	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MS	480-25085-B-4-F	9/11/12 13:35	9/17/12 16:16	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MS	480-25085-B-4-D MS	9/11/12 13:35	9/17/12 22:32	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MSD	480-25085-B-4-E MSD	9/11/12 13:35	9/17/12 14:41	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MSD	480-25085-B-4-F	9/11/12 13:35	9/17/12 16:16	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-5-SO-(7.5-9.5)-MSD	480-25085-B-4-D MS	9/11/12 13:35	9/17/12 22:32	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-6-SO-(0.5-2.5)	480-25085-B-5-B	9/12/12 10:40	9/17/12 16:40	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-6-SO-(10-11)	480-25085-B-6-B	9/12/12 10:45	9/17/12 17:03	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-7-SO-(1-3)	480-25085-C-7-C	9/12/12 11:15	9/17/12 17:27	8270C	Naphthalene
A134	480-25085-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-7-SO-(8-10)	480-25085-B-8-B	9/12/12 11:20	9/17/12 17:50	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-3-SO-(10-11)	480-25168-A-2-A	9/13/12 9:45	9/18/12 21:41	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-3-SO-(1-3)	480-25168-A-1-A	9/13/12 9:40	9/18/12 21:17	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-4-SO-(0.5-2.5)	480-25168-F-3-A MS	9/13/12 13:55	9/18/12 20:04	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-4-SO-(0.5-2.5)	480-25168-F-3-B MSD	9/13/12 13:55	9/18/12 20:28	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-4-SO-(0.5-2.5)	480-25168-F-3-C	9/13/12 13:55	9/18/12 20:53	8270C	Naphthalene
A134	480-25168-1	NYSDEC: Former Ney Smelting Site	NS-SB/MW-4-SO-(10-11.5)	480-25168-F-4-A	9/13/12 14:00	9/19/12 19:33	8270C	Naphthalene

ATTACHMENT B

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION CHECKLIST

Project Name:	Former Ney Smelting & Refining Company
Project Number:	3150-04C
Sample Date(s):	September 11 & 12, 2012
Sample Team:	TRC- PC
Matrix/Number of Samples:	Water/0 Soil/ 10 Trip Blanks / 0
Analyzing Laboratory:	TestAmerica Laboratories, Buffalo, N.Y. and subcontracted to TestAmerica Laboratories, Nashville, T.N.
Analyses:	Volatile Organic Compounds (VOCs): by SW846 8260B and TCLP VOCs extracted by SW1311 Semi volatile Organic Compounds (SVOCs): by SW846 8270C and TCLP SVOCs extracted by SW1311 PCBs: by SW846 8082 Herbicides and Pesticides: TCLP extracted by SW1311 by SW846 8151 and 8081A, respectively Metals: Total by SW846 Method 6010B and mercury by SW-846 7471A and 7470A and TCLP metals extracted by SW1311 Wet Chemistry: Cyanide by SW8246 9012A, Ignitability by SW846 1010, Corrosivity Toward Steel by SW846 1110A and Extractable Organic Halides by SW846 9023 which was analyzed by Nashville, T.N.
Laboratory Report No:	480-25085 Date: 10/22/2012

ANALYTICAL DATA PACKAGE DOCUMENTATION
GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of June 2008, or USEPA National Functional Guidelines of Inorganic Data Review, January 2010, method performance criteria, and Dvirka and Bartilucci Consulting Engineers, a Division of D&B Engineers and Architects, P.C., professional

judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

Custody Numbers:480-25085
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Matrix	Sample Collection Date	Analysis						
				VOCS	SVOCS	PCB	MET	WET CHEM	HERB &PEST	TCLP
NS-SB/MW-1-SO-(1-3)	480-25085-1	Soil	9/11/12	X	X	X	X	X		
NS-SB/MW-1-SO-(10-11.5)	480-25085-2	Soil	9/11/12	X	X	X	X	X		
NS-SB/MW-5-SO-(1-3)	480-25085-3	Soil	9/11/12	X	X	X	X	X		
NS-SB/MW-5-SO-(7.5-9.5)	480-25085-4	Soil	9/11/12	X	X	X	X	X		
NS-SB/MW-6-SO-(0.5-2.5)	480-25085-5	Soil	9/12/12	X	X	X	X	X		
NS-SB/MW-6-SO-(10-11)	480-25085-6	Soil	9/12/12	X	X	X	X	X		
NS-SB/MW-7-SO-(1-3)	480-25085-7	Soil	9/12/12	X	X	X	X	X	X	X
NS-SB/MW-7-SO-(8-10)	480-25085-8	Soil	9/12/12	X	X	X	X	X		
NS-SB/MW-2-SO-(1-3)	480-25085-9	Soil	9/12/12	X	X	X	X	X		
NS-SB/MW-2-SO-(10-11)	480-25085-10	Soil	9/12/12	X	X	X	X	X		

ORGANIC ANALYSES
VOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X	X		
13. Tentatively Identified Compounds (TICs)		X		X	

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2A. Total 2-hexanone was detected in the total method blank. Total 2-hexanone was not detected in the samples; therefore, no qualification of the data was required.

3&4. The total %R was below QC limits for 1,2-dichlorobenzene in the MS and MSD. Total 1,2-dichlorobenzene was qualified as estimated (J if detected and UJ if not detected) in all samples.

12. Sample result associated with compound that exhibited a concentration greater than the linear range of the instrument calibration is summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
NS-SB/MW-7-SO-(1-3)	Total Tetrachloroethene	330E	690	690 D

ORGANIC ANALYSES
SVOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X	X		
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X	X		
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)		X		X	

SVOCs –semi volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

3&5. The %Rs were above QC limits for total acenaphthene, fluorene, naphthalene and pyrene in the MS. The RPDs were above the QC limits for total acenaphthene, fluorene, naphthalene, pentachlorophenol and pyrene in the MS/MSD. The above total compounds were qualified as estimated (J only if detected) in all samples.

The %R was below QC limits for total pentachlorophenol in the MS. Total pentachlorophenol was not detected in any samples and therefore, was qualified as estimated (UJ) at the detection limit in all samples.

7. The %R was below QC limits for 2,4,6-tribromophenol in sample NS-SB/MW-1-SO-(10-11.5). The following total compounds were qualified in sample NS-SB/MW-1-SO-(10-11.5): as estimated (J) in anthracene, carbazole, fluoranthene, phenanthrene and pyrene and as estimated (UJ) at the detection limit in 4-bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol.

ORGANIC ANALYSES
Total PCBs & TCLP HERBICIDES & PESTICIDES

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. GC Identification summary (RPD)		X		X	
8. Surrogate spike recoveries		X	X		
9. External Standard retention time summary		X		X	
10. Initial calibration %RSD's		X		X	
11. Continuing calibration %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	

PCBs – Polychlorinated Biphenyls
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception:

8. The surrogate %Rs for herbicides were below QC limits in sample NS-SB/MW-7-SO-(1-3). Silvex and 2,4-D were not detected and therefore, were qualified as estimated (UJ) at the detection limit in sample NS-SB/MW-7-SO-(1-3).

INORGANIC ANALYSES
METALS Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and calibration blanks		X	X		
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. CRQL standard %R		X		X	
6. Interference check sample %R		X		X	
7. Laboratory control sample %R		X		X	
8. Spike sample %R		X	X		
9. Post digestive spike sample %R					X
10. Duplicate RPD		X	X		
11. Serial dilution check %D		X	X		
12. Total verse dissolved results					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Total calcium, manganese and zinc were detected in the method blank and TCLP extracted barium and chromium were detected in the method blank. Only total sodium in sample NS-SB/MW-5-SO-(7.5-9.5) and NS-SB/MW-7-SO-(1-3) and TCLP chromium in sample NS-SB/MW-7-SO-(1-3) were qualified as non-detect (UB).

8. Total antimony, magnesium, and mercury had a %R below QC limits in the spike sample. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

   Total aluminum and barium had a %R above QC limits in the spike sample. The above metals were qualified as estimated (J only if detected) in all samples.

10. Total cobalt and manganese had a RPD above QC limits in the duplicate sample. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

11. Total mercury had %D above the QC limits of 10% in the serial dilution. Total mercury was qualified as estimated (J) in all samples.

INORGANIC ANALYSES
GENERAL CHEMISTRY Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and Continuing Calibration Blanks		X		X	
3. Continuing Calibration Verification %R		X		X	
4. Laboratory spike %R		X		X	
5. Laboratory duplicate RPD		X		X	
6. Matrix spike (MS)& MS duplicate %R &RPD		X	X		
7. Total verse dissolved results					X

%R percent recovery RPD - relative percent difference

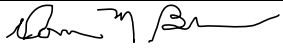
Comments:
Performance was acceptable, with the following exception:

6. Total cyanide had a %R below QC limits in the MS sample and the RPD was above the QC limits. Total cyanide was qualified as estimated (J if detected and UJ if not detected) in all samples.

DATA VALIDATION AND QUALIFICATION SUMMARY **Laboratory Numbers: 480-25085**

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
All samples	Total 1,2-dichlorobenzene	J/UJ	%Rs were below QC limits in the MS and MSD
NS-SB/MW-7-SO-(1-3)	Total Tetrachloroethene (result reported form the dilution)	D	Compound that exhibited a concentration greater than the linear range of the instrument calibration
SVOCs			
All samples	Total pentachlorophenol	UJ	%R was below QC limits in the MS
All samples	Total acenaphthene, fluorene, naphthalene, pentachlorophenol and pyrene	J if detected	%Rs were above QC limits in the MS and/or RPDs were above the QC limits
NS-SB/MW-1-SO-(10-11.5)	Anthracene, carbazole, fluoranthene, phenanthrene and pyrene	J	The %R was below QC limits for 2,4,6-tribromophenol
NS-SB/MW-1-SO-(10-11.5)	4-Bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol	UJ	The %R was below QC limits for 2,4,6-tribromophenol
PCB, Herbicides and Pesticides			
NS-SB/MW-7-SO-(1-3)	Silvex and 2,4-D	UJ	The surrogate %Rs for herbicides were below QC limits
Metals			
NS-SB/MW-5-SO-(7.5-9.5) and NS-SB/MW-7-SO-(1-3)	Total sodium	UB	Detected in the method blank
NS-SB/MW-7-SO-(1-3)	TCLP chromium	UB	Detected in the method blank
All samples	Total antimony, magnesium, and mercury	J/UJ	%R below QC limits in the spike sample
All samples	Total aluminum and barium	J only if detected	%R below QC limits in the spike sample

Sample ID	Analyte(s)	Qualifier	Reason(s)
Metals continued			
All samples	Total cobalt and manganese	J/UJ	RPD above QC limits in the duplicate sample
All samples	Total mercury	J/UJ	%Ds above the QC limits of 10% in the serial dilution
General Chemistry			
All samples	Total cyanide	J/UJ	%R below QC limits in the MS sample and the RPD was above the QC limits

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/28/2012
VALIDATION PERFORMED BY SIGNATURE:	

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION CHECKLIST

Project Name:	Former Ney Smelting & Refining Company
Project Number:	3150-04C
Sample Date(s):	September 13, 2012
Sample Team:	TRC- PC
Matrix/Number of Samples:	Water/0 Soil/ 4 Field Duplicates/ 0 Trip Blanks / 0 Field Blanks/ 0
Analyzing Laboratory:	TestAmerica Laboratories, Buffalo, N.Y. and subcontracted to TestAmerica Laboratories, Nashville, T.N.
Analyses:	Volatile Organic Compounds (VOCs): by SW846 8260B and TCLP VOCs extracted by SW1311 Semi volatile Organic Compounds (SVOCs): by SW846 8270C and TCLP SVOCs extracted by SW1311 PCBs: by SW846 8082 Herbicides and Pesticides: TCLP extracted by SW1311 by SW846 8151 and 8081A, respectively Metals: Total by SW846 Method 6010B and mercury by SW-846 7471A and 7470A and TCLP metals extracted by SW1311 Wet Chemistry: Cyanide by SW8246 9012A, Ignitability by SW846 1010, Corrosivity Toward Steel by SW846 1110A and Extractable Organic Halides by SW846 9023 which was analyzed by Nashville, T.N.
Laboratory Report No:	480-25168 Date: 09/28/2012

ANALYTICAL DATA PACKAGE DOCUMENTATION
GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of June 2008, or USEPA National

Functional Guidelines of Inorganic Data Review, January 2010, method performance criteria, and Dvirka and Bartilucci Consulting Engineers, a Division of D&B Engineers and Architects, P.C., professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

Custody Numbers:480-25168
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Matrix	Sample Collection Date	Analysis						
				VOCS	SVOCS	PCB	MET	WET CHEM	HERB &PEST	TCLP
NS-SB/MW-3-SO-(1-3)	480-25168-1	Soil	9/13/12	X	X	X	X	X		
NS-SB/MW-3-SO-(10-11)	480-25168-2	Soil	9/13/12	X	X	X	X	X		
NS-SB/MW-4-SO-(0.5-2.5)	480-25168-3	Soil	9/13/12	X	X	X	X	X		
NS-SB/MW-4-SO-(10-11.5)	480-25168-4	Soil	9/13/12	X	X	X	X	X	X	X

ORGANIC ANALYSES
VOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks					X
3. Matrix spike (MS) %R					X
4. Matrix spike duplicate (MSD) %R					X
5. MS/MSD precision (RPD)					X
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X	X		
13. Tentatively Identified Compounds (TICs)		X		X	

VOCs - volatile organic compounds
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

12. Samples NS-SB/MW-3-SO-(1-3) and NS-SB/MW-3-SO-(10-11) had naphthalene reported as a target compound in the total VOC analysis. It is not a target compound for total VOC analysis. Naphthalene is a target compound on the SVOC analysis. Naphthalene in the total VOC analysis should be reported as a TIC in samples: NS-SB/MW-3-SO-(1-3) and NS-SB/MW-3-SO-(10-11).

ORGANIC ANALYSES
SVOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X	X		
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X	X		
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)		X		X	

SVOCs –semi volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

3-5. The %Rs were above QC limits for total 4-nitrophenol, acenaphthene, fluorene, pentachlorophenol and pyrene in the MS and/or MSD. The RPD was above the QC limits for total pyrene in the MS/MSD. The above total compounds were qualified as estimated (J only if detected) in all samples.

7. The %R was below QC limits for 2,4,6-tribromophenol and 2-fluorophenol in sample NS-SB/MW-3-SO-(1-3). The following total compounds were qualified in sample NS-SB/MW-3-SO-(1-3): as estimated (J) in anthracene, carbazole, fluoranthene, phenanthrene and pyrene and as estimated (UJ) at the detection limit in benzaldehyde, 4-bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol.

ORGANIC ANALYSES
Total PCBs & TCLP HERBICIDES & PESTICIDES

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. GC Identification summary (RPD)		X		X	
8. Surrogate spike recoveries		X	X		
9. External Standard retention time summary		X		X	
10. Initial calibration %RSD's		X		X	
11. Continuing calibration %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	

PCBs – Polychlorinated Biphenyls
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception:

8. The surrogate %Rs for herbicides were below QC limits in sample NS-SB/MW-4-SO-(10-11.5). Silvex and 2,4-D were not detected and were qualified as estimated (UJ) at the detection limit in sample NS-SB/MW-4-SO-(10-11.5).

INORGANIC ANALYSES
METALS Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and calibration blanks		X	X		
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. CRQL standard %R		X		X	
6. Interference check sample %R		X		X	
7. Laboratory control sample %R		X		X	
8. Spike sample %R		X	X		
9. Post digestive spike sample %R		X		X	
10. Duplicate RPD		X	X		
11. Serial dilution check %D		X	X		
12. Total verse dissolved results					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Total calcium, manganese and zinc were detected in the total method blank and TCLP extracted barium and chromium were detected in the TCLP method blank. Only TCLP chromium in sample NS-SB/MW-4-SO-(10-11.5) was qualified as non-detect (UB).

8. Total mercury and magnesium had a %R below QC limits in the spike sample. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

   Total aluminum, antimony and chromium had a %R above QC limits in the spike sample. The above metals were qualified as estimated (J only if detected) in all samples.

10. Total nickel had a RPD above QC limits in the duplicate sample. Total nickel was qualified as estimated (J if detected and UJ if not detected) in all samples.

11. Total calcium, magnesium and zinc had %D above the QC limits of 10% in the serial dilution. The above metals were qualified as estimated (J) in all samples.

INORGANIC ANALYSES
GENERAL CHEMISTRY Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and Continuing Calibration Blanks		X		X	
3. Continuing Calibration Verification %R		X		X	
4. Laboratory spike %R		X		X	
5. Laboratory duplicate RPD		X	X		
6. Matrix spike (MS)& MS duplicate %R &RPD		X	X		
7. Total verse dissolved results					X

%R percent recovery RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

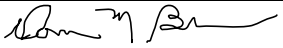
5. Total cyanide had a %R below QC limits in the laboratory duplicate. Total cyanide was qualified as estimated (J if detected and UJ if not detected) in all samples.

6. Extractable Organic Halides had a %R below QC limits in the MS sample and the RPD was above the QC limits. Extractable Organic Halides was not detected and was qualified as estimated (UJ) at the detection limit in sample NS-SB/MW-4-SO-(10-11.5).

DATA VALIDATION AND QUALIFICATION SUMMARY **Laboratory Numbers: 480-25168**

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
NS-SB/MW-3-SO-(1-3) and NS-SB/MW-3-SO-(10-11)	Naphthalene	--	Reported as a target compound in the total VOC analysis and should be reported as a TIC
SVOCs			
All samples	Total 4-nitrophenol, acenaphthene, fluorene, pentachlorophenol and pyrene	J if detected	%Rs were above QC limits in the MS and/or RPDs were above the QC limits
NS-SB/MW-3-SO-(1-3)	Total anthracene, carbazole, fluoranthene, phenanthrene and pyrene	J	The %R was below QC limits for 2,4,6-tribromophenol and 2-fluorophenol
NS-SB/MW-3-SO-(1-3)	Total benzaldehyde, 4-bromophenyl phenyl ether, di-n-butylphthalate, hexachlorobenzene and pentachlorophenol	UJ	The %R was below QC limits for 2,4,6-tribromophenol and 2-fluorophenol
PCB, Herbicides and Pesticides			
NS-SB/MW-4-SO-(10-11.5)	Silvex and 2,4-D	UJ	The surrogate %Rs for herbicides were below QC limits
Metals			
NS-SB/MW-4-SO-(10-11.5)	TCLP chromium	UB	Detected in the method blank
All samples	Total mercury and magnesium	J/UJ	%R below QC limits in the spike sample
All samples	Total aluminum, antimony and chromium	J only if detected	%R below QC limits in the spike sample
All samples	Total nickel	J/UJ	RPD above QC limits in the duplicate sample
All samples	Total calcium, magnesium and zinc	J	%Ds above the QC limits of 10% in the serial dilution

Sample ID	Analyte(s)	Qualifier	Reason(s)
General Chemistry			
All samples	Total cyanide	J/UJ	%R below QC limits in the laboratory duplicate
NS-SB/MW-4-SO-(10-11.5)	Extractable Organic Halides	UJ	%R below QC limits in the MS sample and the RPD was above the QC limits

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/28/2012
VALIDATION PERFORMED BY SIGNATURE:	

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION CHECKLIST

Project Name:	Former Ney Smelting & Refining Company
Project Number:	3150-04C
Sample Date(s):	September 19, 2012
Sample Team:	TRC- PC
Matrix/Number of Samples:	Water/0 Soil/ 12 Trip Blanks / 0
Analyzing Laboratory:	TestAmerica Laboratories, Buffalo, N.Y. and subcontracted to TestAmerica Laboratories, Nashville, T.N. and TestAmerica Laboratories, Corpus Christi, T.X.
Analyses:	Volatile Organic Compounds (VOCs): by SW846 8260B and TCLP VOCs extracted by SW1311 Semi volatile Organic Compounds (SVOCs): by SW846 8270C&D and TCLP SVOCs extracted by SW1311 PCBs: by SW846 8082 Herbicides and Pesticides: TCLP extracted by SW1311 by SW846 8151 and 8081A, respectively Metals: Total by SW846 Method 6010B and mercury by SW-846 7471A and 7470A and TCLP metals extracted by SW1311 Wet Chemistry: Cyanide by SW8246 9012A, Ignitability by SW846 1010, Corrosivity Toward Steel by SW846 1110A which was analyzed by Corpus Christi, T.X. and Extractable Organic Halides by SW846 9023 which was analyzed by Nashville, T.N.
Laboratory Report No:	480-25484 Date: 10/17/2012

ANALYTICAL DATA PACKAGE DOCUMENTATION
GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of June 2008, or USEPA National Functional Guidelines of Inorganic Data Review, January 2010, method performance criteria, and Dvirka

and Bartilucci Consulting Engineers, a Division of D&B Engineers and Architects, P.C., professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

Custody Numbers:480-25484
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Matrix	Sample Collection Date	Analysis						
				VOCS	SVOCS	PCB	MET	WET CHEM	HERB &PEST	TCLP
NS-SS-SS-1-(0)	480-25484-1	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-2-(0)	480-25484-2	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-3-(0)	480-25484-3	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-4-(0)	480-25484-4	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-5-(0.25)	480-25484-5	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-6-(0.25)	480-25484-6	Soil	9/19/12	X	X	X	X	X	X	X
NS-SS-SS-7-(0.25)	480-25484-7	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-8-(0)	480-25484-8	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-9-(0.25)	480-25484-9	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-10-(0.25)	480-25484-10	Soil	9/19/12	X	X	X	X	X		
NS-SS-SS-11-(0.25)	480-25484-11	Soil	9/19/12	X	X	X	X	X	X	X
NS-SS-SS-12-(0)	480-25484-12	Soil	9/19/12	X	X	X	X	X		

ORGANIC ANALYSES
VOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X	X		
B. Trip blanks					X
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X	X		
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)		X		X	

VOCs - volatile organic compounds
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

2A. Total xylene was detected in the total method blank. Total xylene was detected and qualified as non- detect (UB) in sample NS-SS-SS-1.

3-5. The %Rs were below QC limits for total 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichlorobenzene, benzene, chlorobenzene, cis-1,2-dichloroethene, ethylbenzene, tetrachloroethene, toluene, trans-1,2-dichloroethene and trichloroethene in the MS and/or MSD. The RPD was above the QC limits for tetrachloroethene in the MS/MSD. The above total compounds were qualified as estimated (J if detected and UJ if not detected) in all samples.

ORGANIC ANALYSES
SVOCS Total & TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X	X		
4. Matrix spike duplicate (MSD) %R		X	X		
5. MS/MSD precision (RPD)		X	X		
6. Laboratory control sample (LCS) %R		X	X		
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X	X		
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X	X		
12. Transcriptions – quant report vs. Form I		X	X		
13. Tentatively Identified Compounds (TICs)					X

SVOCs –semi volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

3&4. The %Rs were below QC limits for total anthracene, benzo(g,h,i)perylene, fluoranthene, hexachlorocyclopentadiene, 4-nitroaniline, pyrene, pentachlorophenol and 1,2-dichlorobenzene in the MS and/or MSD. The above total compounds were qualified as estimated (J if detected and UJ if not detected) in all samples.

The %Rs were above QC limits for total n-nitrosodiphenylamine in the MS. Total n-nitrosodiphenylamine was not detected in the samples; therefore, qualification of the data was not necessary

5. The RPD was above the QC limits for benzo(g,h,i)perylene in the MS/MSD. Total benzo(g,h,i)perylene was qualified as estimated (J only if detected) in all samples.

6. The %R was above the QC limits for n-nitrosodiphenylamine in the LCS. Total n-nitrosodiphenylamine was not detected in the samples; therefore, qualification of the data was not necessary

9. All the original total analyses had at least one internal standard area above QC limits. Samples NS-SS-SS-5, NS-SS-SS-6 and NS-SS-SS-9 were reanalyzed at a secondary dilution. The remaining samples were just reanalyzed without dilution to confirm the internal standard area. Based on the review of the internal standards areas the following total samples were reported: the reanalyzes for samples NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8; the original analyses for samples NS-SS-SS-2, NS-SS-SS-3, NS-SS-SS-6, NS-SS-SS-7, NS-SS-SS-10, NS-SS-SS-11 and NS-SS-SS-12 and the dilutions for all compound for samples NS-SS-SS-5 and NS-SS-SS-9. No compounds associated with the non-compliant internal standards were detected above the reporting limit in any samples; therefore, qualification of the data was not necessary.

11. The %D was above the QC limit for pentachlorophenol and 4,6-dinitro-2-methylphenol in the continuing calibration associated with reanalyzes for samples NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8. Pentachlorophenol and 4,6-dinitro-2-methylphenol were not detected in the associated samples and were qualified as estimated (UJ) at the detection limit in the associated samples.

12. Sample result associated with compound that exhibited a concentration greater than the linear range of the instrument calibration is summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
NS-SS-SS-6	Total Pyrene	5600 E	3100	3100 D

ORGANIC ANALYSES
Total PCBs & TCLP HERBICIDES & PESTICIDES

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. GC Identification summary (RPD)		X	X		
8. Surrogate spike recoveries		X	X		
9. External Standard retention time summary		X		X	
10. Initial calibration %RSD's		X		X	
11. Continuing calibration %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	

PCBs – Polychlorinated Biphenyls
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

7. The duel column confirmation for endrin in sample NS-SS-SS-6 had a RPD above QC limits. Endrin was qualified as estimated (J) in sample NS-SS-SS-6.

8. The surrogate %Rs for PCBs were above QC limits in samples NS-SS-SS-6 and NS-SS-SS-7. Aroclor 1260 and Aroclor 1268 were detected in sample NS-SS-SS-6 and qualified as estimated (J).

   The surrogate %Rs for herbicides were below QC limits in samples NS-SS-SS-6 and NS-SS-SS-11. Silvex and 2,4-D were not detected in the associated samples and were qualified as estimated (UJ) at the detection limit in the associated samples.

INORGANIC ANALYSES
METALS Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and calibration blanks		X	X		
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. CRQL standard %R		X		X	
6. Interference check sample %R		X		X	
7. Laboratory control sample %R		X		X	
8. Spike sample %R		X	X		
9. Post digestive spike sample %R		X		X	
10. Duplicate RPD		X	X		
11. Serial dilution check %D		X	X		
12. Total verse dissolved results					X

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Total calcium, iron, magnesium and zinc were detected in the method blank and TCLP extracted barium and chromium were detected in the method blank. Only total zinc in sample NS-SS-SS-4 and TCLP chromium in sample NS-SS-SS-6 were qualified as non-detect (UB).

8. Total aluminum, barium, iron, manganese, magnesium, and mercury had a %R below QC limits in the spike sample. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

10. Total calcium and magnesium had a RPD above QC limits in the duplicate sample. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

11. Total aluminum, calcium, iron, magnesium, potassium and zinc had %Ds above the QC limits of 10% in the serial dilution. The above metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

INORGANIC ANALYSES
GENERAL CHEMISTRY Total and TCLP

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and Continuing Calibration Blanks		X		X	
3. Continuing Calibration Verification %R		X		X	
4. Laboratory spike %R		X		X	
5. Laboratory duplicate RPD		X		X	
6. Matrix spike (MS)& MS duplicate %R &RPD		X		X	
7. Total verse dissolved results					X

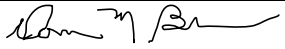
%R percent recovery RPD - relative percent difference

Comments:
Performance was acceptable.

DATA VALIDATION AND QUALIFICATION SUMMARY **Laboratory Numbers: 480-25484**

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
NS-SS-SS-1	Total xylene	UB	Detected in the method blank
All samples	Total 1,1-dichloroethane, 1,1-dichloroethene, 1,2-dichlorobenzene, benzene, chlorobenzene, cis-1,2-dichloroethene, ethylbenzene, tetrachloroethene, toluene, trans-1,2-dichloroethene and trichloroethene	J/UJ	%Rs were below QC limits in the MS and/or MSD
SVOCs			
All samples	Total anthracene, benzo(g,h,i)perylene, fluoranthene, hexachlorocyclopentadiene, 4-nitroaniline, pyrene, pentachlorophenol and 1,2-dichlorobenzene	J/UJ	%Rs were below QC limits in the MS and/or MSD
All samples	Total benzo(g,h,i)perylene	J if detected	RPD was above the QC limits in the MS/MSD
NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8	Total SVOCs were reported from the reanalyzes for these samples		All the original total analyses had at least one internal standard area above QC limits. No compounds associated with the non-compliant internal standards were detected above the reporting limit in any samples; therefore, qualification of the data was not necessary.
NS-SS-SS-2, NS-SS-SS-3, NS-SS-SS-6, NS-SS-SS-7, NS-SS-SS-10, NS-SS-SS-11 and NS-SS-SS-12	Total SVOCs were reported from the original analyses for these samples		
NS-SS-SS-5 and NS-SS-SS-9	Total SVOCs were reported from the dilutions for these samples		
Reanalyzes for NS-SS-SS-1, NS-SS-SS-4 and NS-SS-SS-8	Total pentachlorophenol and 4,6-dinitro-2-methylphenol	UJ	The %D was above the QC limit for the continuing calibration
NS-SS-SS-6	Total Pyrene (result taken from diluted anaylsis)	D	Compound that exhibited a concentration greater than the linear range of the instrument calibration

Sample ID	Analyte(s)	Qualifier	Reason(s)
PCB, Herbicides and Pesticides			
NS-SS-SS-6	Endrin	J	The duel column confirmation had a RPD above QC limits
NS-SS-SS-6	Aroclor 1260 and Aroclor 1268	J	The surrogate %Rs for PCBS were above QC limits
NS-SS-SS-6 and NS-SS-SS-11	Silvex and 2,4-D	UJ	The surrogate %Rs for herbicides were below QC limits
Metals			
NS-SS-SS-4	Total zinc	UB	Detected in the method blank
NS-SS-SS-6	TCLP chromium	UB	Detected in the method blank
All samples	Total aluminum, barium, iron, manganese, magnesium, and mercury	J/UJ	%R below QC limits in the spike sample
All samples	Total calcium and magnesium	J/UJ	RPD above QC limits in the duplicate sample
All samples	Total aluminum, calcium, iron, magnesium, potassium and zinc	J/UJ	%Ds above the QC limits of 10% in the serial dilution
General Chemistry			
Qualification of the data was not required.			

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/28/2012
VALIDATION PERFORMED BY SIGNATURE:	

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION CHECKLIST

Project Name:	Former Ney Smelting & Refining Company
Project Number:	3150-04C
Sample Date(s):	September 20 & 21, 2012
Sample Team:	TRC- PC
Matrix/Number of Samples:	Water/10 Soil/ 0 Trip Blanks / 1
Analyzing Laboratory:	TestAmerica Laboratories, Buffalo, N.Y.
Analyses:	Volatile Organic Compounds (VOCs): by SW846 8260B Semi volatile Organic Compounds (SVOCs): by SW846 8270C PCBs: by SW846 8082 Metals: Total and dissolved by SW846 Method 6010B and mercury by SW-846 7470A Cyanide: Total and dissolved by SW8246 9012A
Laboratory Report No:	480-25511 Date: 10/08/2012

ANALYTICAL DATA PACKAGE DOCUMENTATION GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of June 2008, or USEPA National Functional Guidelines of Inorganic Data Review, January 2010, method performance criteria, and Dvirka and Bartilucci Consulting Engineers, a Division of D&B Engineers and Architects, P.C., professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

Custody Numbers:480-25511
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Matrix	Sample Collection Date	Analysis				
				VOCS	SVOCS	PCB	MET	CYANIDE
NS-MW-WG-1	480-25511-1	Water	9/21/12	X	X	X	X	X
NS-MW-WG-2	480-25511-2	Water	9/21/12	X	X	X	X	X
NS-MW-WG-4	480-25511-3	Water	9/21/12	X	X	X	X	X
NS-MW-WG-5	480-25511-4	Water	9/20/12	X	X	X	X	X
NS-MW-WG-6	480-25511-5	Water	9/21/12	X	X	X	X	X
NS-MW-WG-7	480-25511-6	Water	9/21/12	X	X	X	X	X
DEP-MW-WG-8	480-25511-7	Water	9/20/12	X	X	X	X	X
DEP-MW-WG-9	480-25511-8	Water	9/20/12	X	X	X	X	X
DEP-MW-WG-11	480-25511-9	Water	9/21/12	X	X	X	X	X
DEP-MW-WG-12	480-25511-10	Water	9/21/12	X	X	X	X	X
TRIP BLANK	480-25511-11	Water	9/21/12	X				

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X	X		
12. Transcriptions – quant report vs. Form I		X	X		
13. Tentatively Identified Compounds (TICs)		X		X	

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable with the following exceptions:

11. The %Ds were above the QC limit for 1,1,2-trichloro-1,2,2-trifluoroethane, bromomethane, carbon disulfide and cyclohexane in the continuing calibration. The above compounds were not detected in any of the samples and therefore, were qualified as estimated (UJ) at the detection limit in all samples.

12. Sample result associated with compound that exhibited a concentration greater than the linear range of the instrument calibration is summarized in the following table.

Sample ID	Compound	Original Analysis	Diluted Analysis	Reported Analysis
NS-MW-WG-7	Tetrachloroethene	120E	110	110 D

ORGANIC ANALYSES
SVOCS

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X	X		
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X	X		
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)					X

SVOCs –semi volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Di-n-octyl phthalate was detected in the method blank. Di-n-octyl phthalate was detected and qualified as non- detect (UB) in sample DEP-MW-WG-9.

7. The %R was below QC limits for the surrogate, p-terphenyl-d14 in samples NS-MW-WG-1, NS-MW-WG-2, NS-MW-WG-4, NS-MW-WG-5, NS-MW-WG-6 and DEP-MW-WG-8. The following compounds were qualified as estimated (J if detected and UJ if not detected) in samples NS-MW-WG-1, NS-MW-WG-2, NS-MW-WG-4, NS-MW-WG-5, NS-MW-WG-6 and DEP-MW-WG-8: butyl benzyl phthalate, 3,3'-dichlorobenzidine, benzo(a)anthracene, bis(2-ethylhexyl)phthalate, chysene, di-n-octyl phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene and benzo(g,h,i)perylene.

ORGANIC ANALYSES
PCBs

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. GC Identification summary (RPD)		X		X	
8. Surrogate spike recoveries		X		X	
9. External Standard retention time summary		X		X	
10. Initial calibration %RSD's		X		X	
11. Continuing calibration %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	

PCBs – Polychlorinated Biphenyls
%R - percent recovery
%D - percent difference
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference

Comments:
Performance was acceptable.

INORGANIC ANALYSES
METALS Total and Dissolved

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and calibration blanks		X	X		
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. CRQL standard %R		X		X	
6. Interference check sample %R		X		X	
7. Laboratory control sample %R		X		X	
8. Spike sample %R		X	X		
9. Post digestive spike sample %R		X		X	
10. Duplicate RPD		X		X	
11. Serial dilution check %D		X		X	
12. Total verse dissolved results		X	X		

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Total calcium, manganese and zinc were detected in the total method blank and dissolved aluminum, barium, calcium, iron, manganese and zinc were detected in the dissolved method blank. Qualification of total metals was not required. The following dissolved metals were qualified as non-detect (UB): aluminum in samples NS-MW-WG-5 and DEP-MW-WG-11; iron in samples NS-MW-WG-6, NS-MW-WG-7 and DEP-MW-WG-8; and zinc in samples NS-MW-WG-4,DEP-MW-WG-8 and DEP-MW-WG-9.

8. Dissolved barium had a %R above QC limits in the spike sample. Dissolved barium was qualified as estimated (J) in all samples.

12. The following metals had dissolved results with higher concentrations than the total results and were qualified as estimated (J): total and dissolved sodium and magnesium in sample NS-MW-WG-7.

INORGANIC ANALYSES
CYANIDE Total and Dissolved

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X	X		
2. Method and Continuing Calibration Blanks		X		X	
3. Continuing Calibration Verification %R		X		X	
4. Laboratory spike %R		X		X	
5. Laboratory duplicate RPD		X		X	
6. Matrix spike (MS)& MS duplicate %R &RPD		X	X		
7. Total verse dissolved results		X		X	

%R percent recovery RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

1. Dissolved cyanide was analyzed outside the holding time by one day for all samples. Dissolved cyanide was qualified as estimated (J if detected and UJ if not detected) in all samples.

6. Total cyanide had a %R below QC limits in the MS sample and the RPD was above the QC limits. Total cyanide was qualified as estimated (J if detected and UJ if not detected) in all samples.

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-25511

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
All samples	1,1,2-Trichloro-1,2,2-trifluoroethane, bromomethane, carbon disulfide and cyclohexane	UJ	The %Ds were above the QC limit for the continuing calibration
NS-MW-WG-7	Tetrachloroethene (result reported from the dilution)	D	Compound that exhibited a concentration greater than the linear range of the instrument calibration
SVOCs			
DEP-MW-WG-9	Di-n-octyl phthalate	UB	Detected in the method blank
NS-MW-WG-1, NS-MW-WG-2, NS-MW-WG-4, NS-MW-WG-5, NS-MW-WG-6 and DEP-MW-WG-8	Butyl benzyl phthalate, 3,3'-dichlorobenzidine, benzo(a)anthracene, bis(2-ethylhexyl)phthalate, chysene, di-n-octyl phthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene and benzo(g,h,i)perylene	J/UJ	The %R was below QC limits for p-terphenyl-d14
PCB			
No qualification of the data was required.			
Metals			
NS-MW-WG-5 and DEP-MW-WG-11	Dissolved aluminum	UB	Detected in the method blank
NS-MW-WG-6, NS-MW-WG-7 and DEP-MW-WG-8	Dissolved iron	UB	Detected in the method blank
NS-MW-WG-4, DEP-MW-WG-8 and DEP-MW-WG-9	Dissolved zinc	UB	Detected in the method blank
All samples	Dissolved barium	J	%R above QC limits in the spike sample
NS-MW-WG-7	Total and dissolved sodium and magnesium	J	Dissolved results with higher concentrations than the total results

Sample ID	Analyte(s)	Qualifier	Reason(s)
General Chemistry			
All samples	Dissolved cyanide	J/UJ	Analyzed outside the holding time
All samples	Total cyanide	J/UJ	%R below QC limits in the MS sample and the RPD was above the QC limits

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/29/2012
VALIDATION PERFORMED BY SIGNATURE:	

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION CHECKLIST

Project Name:	Former Ney Smelting & Refining Company
Project Number:	3150-04C
Sample Date(s):	September 24, 2012
Sample Team:	TRC- PC
Matrix/Number of Samples:	Water/2 Soil/ 0 Trip Blanks / 1
Analyzing Laboratory:	TestAmerica Laboratories, Buffalo, N.Y.
Analyses:	Volatile Organic Compounds (VOCs): by SW846 8260B Semi volatile Organic Compounds (SVOCs): by SW846 8270C PCBs: by SW846 8082 Metals: Total and dissolved by SW846 Method 6010B and mercury by SW-846 7470A Cyanide: Total and dissolved by SW8246 9012A
Laboratory Report No:	480-25581 Date: 10/08/2012

ANALYTICAL DATA PACKAGE DOCUMENTATION
GENERAL INFORMATION

	Reported		Performance Acceptable		Not
	No	Yes	No	Yes	Required
1. Sample results		X		X	
2. Parameters analyzed		X		X	
3. Method of analysis		X		X	
4. Sample collection date		X		X	
5. Laboratory sample received date		X		X	
6. Sample analysis date		X		X	
7. Copy of chain-of-custody form signed by Lab sample custodian		X		X	
8. Narrative summary of QA or sample problems provided		X		X	

QA - quality assurance

Comments:

A validation was conducted on the data package and any applicable qualification of the data was determined using the USEPA National Functional Guidelines of June 2008, or USEPA National Functional Guidelines of Inorganic Data Review, January 2010, method performance criteria, and Dvirka and Bartilucci Consulting Engineers, a Division of D&B Engineers and Architects, P.C., professional judgment. The qualification of data discussed within this data validation checklist did not impact the usability of the sample results.

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

Custody Numbers:480-25581
SAMPLE AND ANALYSIS LIST

Sample ID	Lab ID	Matrix	Sample Collection Date	Analysis				
				VOCS	SVOCS	PCB	MET	CYANIDE
NS-MW-WG-3	480-25581-1	Water	9/21/12	X	X	X	X	X
NS-MW-WG-10	480-25581-2	Water	9/21/12	X	X	X	X	X
TRIP BLANK	480-25581-3	Water	9/21/12	X				

ORGANIC ANALYSES
VOCS

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Blanks					
A. Method blanks		X		X	
B. Trip blanks		X		X	
3. Matrix spike (MS) %R					X
4. Matrix spike duplicate (MSD) %R					X
5. MS/MSD precision (RPD)					X
6. Laboratory control sample (LCS) %R		X		X	
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X	X		
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)		X		X	

VOCs - volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable with the following exception:

11. The %D was above the QC limit for bromoform in the continuing calibration. The above compound was not detected in any of the samples and therefore, were qualified as estimated (UJ) at the detection limit in all samples.

ORGANIC ANALYSES
SVOCS

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R					X
4. Matrix spike duplicate (MSD) %R					X
5. MS/MSD precision (RPD)					X
6. Laboratory control sample (LCS) %R		X	X		
7. Surrogate spike recoveries		X		X	
8. Instrument performance check		X		X	
9. Internal standard retention times and areas		X		X	
10. Initial calibration RRF's and %RSD's		X		X	
11. Continuing calibration RRF's and %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	
13. Tentatively Identified Compounds (TICs)		X		X	

SVOCs –semi volatile organic compounds %D - percent difference RRF - relative response factor
%R - percent recovery %RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception:

6. The %Rs were above the QC limits for 2,4-dintrotoluene, acenaphthene, fluorene and pyrene in the LCS. The compounds were not detected above the reporting limit in the samples; therefore, qualification of the data was not necessary

ORGANIC ANALYSES
PCBs

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method blanks		X		X	
3. Matrix spike (MS) %R		X		X	
4. Matrix spike duplicate (MSD) %R		X		X	
5. MS/MSD precision (RPD)		X		X	
6. Laboratory control sample (LCS) %R		X		X	
7. GC Identification summary (RPD)		X		X	
8. Surrogate spike recoveries		X		X	
9. External Standard retention time summary		X		X	
10. Initial calibration %RSD's		X		X	
11. Continuing calibration %D's		X		X	
12. Transcriptions – quant report vs. Form I		X		X	

PCBs – Polychlorinated Biphenyls
%D - percent difference
RRF - relative response factor
%R - percent recovery
%RSD - percent relative standard deviation
RPD - relative percent difference

Comments:
Performance was acceptable.

INORGANIC ANALYSES
METALS Total and Dissolved

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and calibration blanks		X	X		
3. Initial calibration verification %R		X		X	
4. Continuing calibration verification %R		X		X	
5. CRQL standard %R		X		X	
6. Interference check sample %R		X		X	
7. Laboratory control sample %R		X		X	
8. Spike sample %R		X		X	
9. Post digestive spike sample %R		X		X	
10. Duplicate RPD		X		X	
11. Serial dilution check %D		X	X		
12. Total verse dissolved results		X		X	

%R - percent recovery %D - percent difference RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions:

2. Dissolved iron, manganese and zinc were detected in the method blank. The following dissolved metals were qualified as non-detect (UB): iron in sample NS-MW-WG-3 and zinc in sample NS-MW-WG-10.

11. Dissolved barium, calcium, magnesium, manganese, potassium and sodium had %Ds above the QC limits of 10% in the serial dilution. The above dissolved metals were qualified as estimated (J if detected and UJ if not detected) in all samples.

INORGANIC ANALYSES
CYANIDE Total and Dissolved

	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Holding times		X		X	
2. Method and Continuing Calibration Blanks		X		X	
3. Continuing Calibration Verification %R		X		X	
4. Laboratory spike %R		X		X	
5. Laboratory duplicate RPD					X
6. Matrix spike (MS)& MS duplicate %R &RPD					X
7. Total verse dissolved results		X		X	

%R percent recovery RPD - relative percent difference

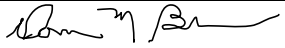
Comments:
Performance was acceptable.

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
A DIVISION OF D&B ENGINEERS AND ARCHITECTS, P.C.

DATA VALIDATION AND QUALIFICATION SUMMARY

Laboratory Numbers: 480-25581

Sample ID	Analyte(s)	Qualifier	Reason(s)
VOCs			
All samples	Bromoform	UJ	The %D was above the QC limit for the continuing calibration
SVOCs			
No qualification of the data was required.			
PCB			
No qualification of the data was required.			
Metals			
NS-MW-WG-3	Dissolved Iron	UB	Detected in the method blank
NS-MW-WG-10	Dissolved Zinc	UB	Detected in the method blank
All samples	Dissolved barium, calcium, magnesium, manganese, potassium and sodium	J/UJ	%Ds above the QC limits of 10% in the serial dilution
General Chemistry			
No qualification of the data was required.			

VALIDATION PERFORMED BY & DATE:	Donna M. Brown 11/29/2012
VALIDATION PERFORMED BY SIGNATURE:	

APPENDIX I
PHOTOGRAPH LOG

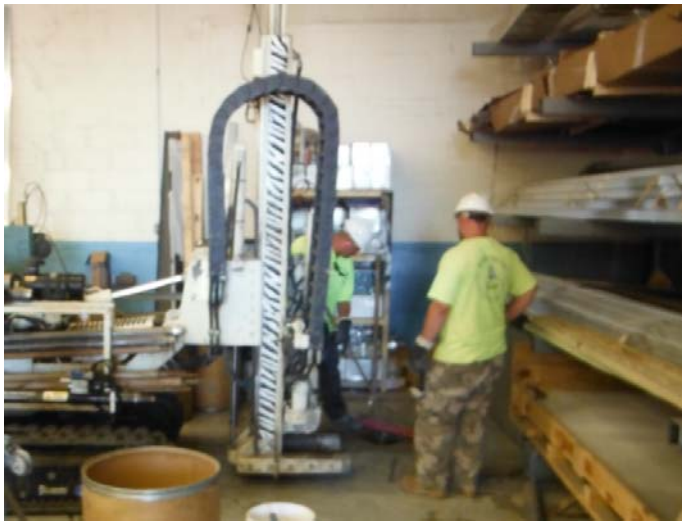
Former Ney Smelting and Refining Company
Block 2506, Lots 19, 23, 27, 30, 36, and 139
Brooklyn, New York, 11222



Photograph 1: View of geophysical survey event taking place in the office basement where the sump is located.



Photograph 2. View of the well opening of NS-MW-10, which had previously been painted over.



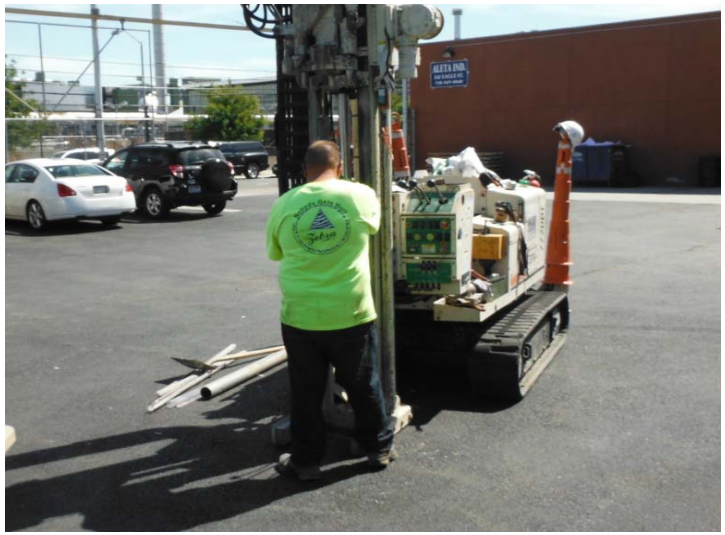
Photograph 3. View of soil boring/monitoring well installation NS-SB/MW-1.



Photograph 4. View of newly-installed NS-SB/MW-1, before the protective cover and concrete seal were installed.



Photograph 5. View of a soil boring taken during the installation of NS-SB/MW-1.



Photograph 6. View of soil boring/monitoring well installation NS-SB/MW-5.



Photograph 7. View of newly-installed monitoring well NS-SB/MW-5.



Photograph 8. View of soil boring/monitoring well installation location NS-SB/MW-7.



Photograph 9. View of soil boring/monitoring well installation NS-SB/MW-3.



Photograph 10. Brick chimney (exhaust stack), believed to be associated with the former smelting operations, on the western roof of the paint and varnish supply store (Lot 23).



Photograph 11. View of the northwest corner of the exposed soil yard and locations of surface soil sampling NS-SS-5 and NS-SS-6.



Photograph 12. View of the southern wall of the exposed soil yard and location of surface soil sampling NS-SS-11.