TARGETED SITE INVESTIGATION REPORT
CHESTNUT STREET SITE
1625 AND 1635 CHESTNUT STREET
LIVERMORE, CALIFORNIA

PREPARED FOR:

CONTRACT NO. 10-T1074
STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES
CONTROL – REGION 2
700 HEINZ AVENUE
BERKELEY, CALIFORNIA 94710-2737

PREPARED BY:

1 MONTGOMERY STREET, SUITE 900
SAN FRANCISCO, CA 94104

April 2011

IDENTIFICATION FORM

Document Title:	**TARGETED SITE INVESTIGATION REPORT CHESTNUT STREET SITE 1625 AND 1635 CHESTNUT STREET LIVERMORE, CALIFORNIA**
Organization Title:	URS Corporation
Address:	1 Montgomery Street, Suite 900 San Francisco, California 94104
Responsible Official:	Des Garner
Title:	Program Director
Telephone:	(415) 243-3805
Project Manager:	Des Garner
Address:	URS Corporation 1 Montgomery Street, Suite 900 San Francisco, California 94104
Telephone:	(415) 243-3805
Report Coverage:	This report constitutes technical support to complete the scope of work described in Contract No. 10-T1074 with the California Environmental Protection Agency, Department of Toxic Substances Control. These services are provided by URS as prime contractor.

APPROVAL FORM

Prepared for: Department of Toxic Substances Control
Region 2
700 Heinz Avenue
Berkeley, California 94710-2737

Prepared by: URS Corporation
1 Montgomery Street, Suite 900
San Francisco, California 94104

Signature: _____ Date: 04/26/11
Name: Des Garner
Title: Program Manager
URS Corporation

Signature: _____ Date: 04/26/11
Name: Gus Raggambi, PG
Title: Senior Geologist
Professional Geologist
URS Corporation

PROFESSIONAL GEOLOGIST
GUSTAV RAGGAMBI
No.8512
Expires 10/31/12
STATE OF CALIFORNIA

Signature: _____ Date: 04/26/11
Name: for Leigh Hammel
Title: Geologist
URS Corporation

This document has been prepared for the Department of Toxic Substances Control under Contract No. 10-T1074.

TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

LIST OF ACRONYMS

bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylenes
°C	degrees Celsius
Cal/EPA	California Environmental Protection Agency
CAM	California Assessment Manual
CDPH	California Department of Public Health
CHHSL	California Human Health Screening Level
CPT	Cone Penetration Test
DOE	Department of Energy
DPT	Direct-Push Technology
DQO	Data Quality Objective
DWR	Department of Water Resources
DTSC	Department of Toxic Substances Control
Enercon	Enercon Services, Inc.
EPH	extractable petroleum hydrocarbons
ESA	Environmental Site Assessment
ESL	Environmental Screening Level
GPR	ground penetrating radar
LASC/MOSC	Livermore Arcade Shopping Center/Millers Outpost Shopping Center
LBNL	Lawrence Berkeley National Laboratory
LCS	laboratory control spike
µg/kg	microgram per kilogram
µg/L	microgram per liter
mg/kg	milligram per kilogram
mL/min	milliliter per minute
MCL	Maximum Contaminant Level
MS/MSD	Matrix Spike/Matrix Spike Duplicate
OCP	organochlorine pesticide
OEHHA	Office of Environmental Health Hazard Assessment
NorCal	NorCal Geophysical Consultants
PAH	polycyclic aromatic hydrocarbon
PCE	tetrachloroethene
PG&E	Pacific Gas and Electric
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RPD	Relative Percent Difference
RWQCB	Regional Water Quality Control Board
RSL	Regional Screening Level
SBE	Small Business Enterprise
TCE	trichloroethylene
TestAmerica	Test America Laboratories
TPH	total petroleum hydrocarbons
TPH-d	total petroleum hydrocarbons as diesel
TPH-g	total petroleum hydrocarbons as gasoline

LIST OF ACRONYMS

TPH-mo	total petroleum hydrocarbons as motor oil
TSI	Targeted Site Investigation
URS	URS Corporation
USA	Underground Services Alert
U.S. EPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
YSI	YSI Incorporated

1.0 INTRODUCTION

Pursuant to Contract No. 10-T1074, the California Environmental Protection Agency (Cal-EPA), Department of Toxic Substances Control (DTSC), retained URS Corporation (URS) to conduct a soil, soil gas, and groundwater investigation at the Chestnut Street Site (Site), located at 1625 and 1635 Chestnut Street, Livermore, California (Figure 1).

1.1 Project Objective

The objective of this investigation was to gather data as part of a Targeted Site Investigation (TSI). A TSI is performed to determine whether current or historical activities have resulted in environmental conditions that will need to be evaluated and/or addressed in order to move forward with redevelopment planning, or with the implementation of proposed redevelopment plans. The overall objective of the TSI is to evaluate whether hazardous materials are present at the Site that may pose unacceptable human health and environmental risks in the context of future unrestricted land re-use.

Specific objectives included:

- Determining whether hazardous waste/substances exist at the Site;
- Assessing the nature and extent of potential contamination at the Site; and
- Providing an order-of-magnitude cost estimate to clean up the property for unrestricted land use.

The TSI Work Plan was developed by DTSC (DTSC, 2011) and provided to URS to execute the work. The DTSC work plan included the Site history and a review of the results of prior Site investigations.

1.2 Site Description and Background

The Site is located at 1625 and 1635 Chestnut Street in the City of Livermore, Alameda County. It is at the southeastern intersection of Chestnut Street and North P Street. Across Chestnut Street to the north are single-family residences; to the east is a strip mall; to the south is Western Pacific Railroad, with businesses beyond that; and to the west is a strip mall. The Site includes two parcels (Assessor's Parcel Number 098 029001101 and 098 029000607) totaling approximately 2.45 acres in a commercial area of Livermore, California. A Site Plan, including sample locations, is presented as Figure 2.

Current use of the Site includes Jo-Ann Fabric and Craft, the Livermore School of Dance, and a tax preparation business. Although the Site currently consists of retail shopping/small

businesses, it is now part of the Downtown Specific Plan, and is within the Redevelopment Project Area. The area is now a designated Downtown Neighborhood, and development is limited to residential.

Historically, it is believed that the Site may have been used as a livestock staging area, possibly associated with the railroad, from at least 1940 until the mid-1950s. From the mid-1960s, a gasoline service station occupied the northwestern corner of the Site. The gas station and all associated fueling infrastructure was removed from the Site sometime in the early- to mid-1970s. Since 1978, the current retail and office building has occupied the Site.

1.3 Summary of Previous Investigations

Previous environmental investigations have been conducted at the Site, as listed below:

- Phase II Environmental Site Assessment (ESA) by Enercon Services, September 15, 2009 (Enercon, 2009b)
- Phase I ESA by Enercon Services, July 24, 2009 (Enercon, 2009a)
- Phase I ESA by M.J. Kloberdanz & Associates, 2000 (Kloberdanz, 2000)
- Phase I ESA Update by AEI Consultants, 2004 (AEI, 2004)
- Phase II Subsurface Investigation by Kleinfelder, 1989 (Kleinfelder, 1989).

The Phase II Subsurface Investigation conducted by Kleinfelder in 1989 included soil sampling. Seven soil samples were collected at three locations within the boundary of the gas station. Samples were analyzed for total petroleum hydrocarbons (TPH), and benzene, toluene, ethylbenzene, and xylenes (BTEX). One soil sample, collected at 10 feet below ground surface (bgs) from the vicinity of the previous underground storage tank (UST), had a concentration of 20 milligrams per kilogram (mg/kg) of TPH as waste oil. No other analytes were detected above laboratory reporting limits.

The Phase II Subsurface Investigation conducted by Enercon Services in 2009 included soil sampling from the northeastern corner of the Site. Six soil samples were collected at three locations within the boundary of the former gas station. Samples were collected at the assumed approximate locations of the USTs—which had been removed—and the fuel-dispenser islands. Samples were analyzed for total extractable petroleum hydrocarbons (EPH) and volatile organic compounds (VOCs). Samples were collected at 15 feet, and at 35 or 49 feet bgs. No EPH or VOCs were detected in any of the samples above the laboratory reporting limits.

Previous ESAs indicated that soil samples were analyzed for TPH as gasoline (TPH-g); TPH as diesel (TPH-d); TPH as motor oil (TPH-mo); and VOCs at three locations on the Site, as well as

one additional location just outside of the Site boundary to the west. Soil samples for TPH and VOC analyses were collected at depth intervals from 6 to 13.5 feet bgs. Of the soil samples collected, one sample collected at a depth of 6 feet bgs had reported concentrations of TPH-g, TPH-d, and TPH-mo below the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for residential land use, where groundwater is a source of drinking water. Detections of VOCs in soil samples included acetone, benzene, toluene, methylene chloride, and xylenes, all at concentrations less than their respective residential ESLs.

1.4 Regulatory Involvement

The Site is not listed in any of the regulatory databases reviewed.

This page intentionally left blank.

2.0 SITE GEOLOGY/HYDROLOGY

The Site lies within the Livermore Valley, which is comprised of continental deposits derived from alluvial fans, outwash plains, and lakes. Valley fill materials range in thickness from a few tens of feet to nearly 400 feet. Lithologies at the Site consist of Quaternary Alluvium overlying Franciscan bedrock (CDMG, 1980).

The aquifer system for the area is a multi-layered system with an unconfined upper aquifer overlying a sequence of semi-confined aquifers. Faults located to the north, east, and west, and variations in lateral continuity, thickness, and permeability of water-bearing formations cause local restrictions in the movement of groundwater within the groundwater basin.

The following geology and hydrogeology information was obtained from the Treadwell and Rollo Groundwater Investigation Report for the Livermore Arcade Shopping Center/Millers Outpost Shopping Center (LASC/MOSC) 2008 Trust Site, which is under the oversight of the San Francisco RWQCB (Treadwell and Rollo, 2009). This Site is within one-quarter mile of the Chestnut Site.

The Livermore Valley is bounded by the Calaveras Fault on the west, by the Greenville Fault on the east, and by the Mount Diablo Complex on the north. The Calaveras and Greenville faults are active strike-slip faults related to the San Andreas Fault system. The Livermore Valley includes down-dropped blocks and subsidiary northwest-trending faults. These blocks form sub-basins, and the Site lies in the Mocho Sub-basin, which is bounded on the southwest by the Mocho and Livermore faults, and on the northeast by the Tesla Fault. The Site lies in the southwestern portion of the sub-basin.

Previous investigations conducted in 1989 indicated the soils beneath the shopping center site are a heterogeneous mix of clayey silt, sandy gravel, and coarse gravels belonging to the Livermore Formation. These soils have moderate infiltration rates, high hydraulic conductivity, and low water-holding capacity. Soils encountered during previous investigations were primarily clays with varying percentages of silt, sand, and gravel.

The Livermore Formation is generally composed of unconsolidated to semi-consolidated beds of gravel, sand, silt, and clay (DWR, 2007). A lower member in the eastern portion of the valley is composed of gray silt and clay, with lenses of sand and gravel. The Livermore Formation is estimated to be at least 500 feet thick in the vicinity of the Site, and ranges up to 4,000 feet thick in the Livermore Valley. The Quaternary alluvial fan deposits make up the valley floor and are composed of semi-consolidated sand and gravel in a matrix of clayey sand. These deposits are on the order of 100 feet thick in the vicinity of the Site, and lie on an erosional unconformity on

top of the Livermore Formation. The axis of the erosional surface is northeast of the Site, where the Quaternary deposits may range in thickness up to between 300 and 400 feet.

The Mocho Sub-basin is one of the groundwater sub-basins in Livermore Valley, where faulting and variations in the thickness of permeable sediments restrict horizontal and vertical groundwater flow. Groundwater in the Mocho Sub-basin occurs in Shallow and Deep Zones. In the vicinity of the Site, the Shallow Zone is unconfined and ranges from about 30 to as much as 85 feet bgs (or an elevation of 440 to 385 feet above mean sea level) (Alameda County Zone 7, 2007). The groundwater surface in the Livermore Valley slopes generally westward, but in the Mocho Sub-basin it is predominantly to the northwest. The Deep Zone ranges from about 100 to at least 500 feet bgs, and flows generally towards the northwest.

The Site and its immediate vicinity to the north and northwest are underlain by the following hydrostratigraphic units, listed in order of increasing depth bgs (Treadwell and Rollo, 2009):

- Vadose Zone – The vadose zone comprises the unsaturated strata above the water table. Its thickness varies as the water table elevation fluctuates from approximately 25 to 40 feet depth bgs. The lithology of the vadose zone generally resembles that of the Shallow Groundwater Zone.

- Shallow Groundwater Zone – The Shallow Groundwater Zone (Shallow Zone) is the uppermost, unconfined saturated zone, and consists of variably interbedded gravel, sand, silt, and clay layers. Groundwater is typically encountered between 25 and 75 feet bgs. Coarser-grained units are generally more transmissive, except those with more poorly sorted layers whose matrices are comprised of silt and clay materials (fine-grained units). Vertical and horizontal transmissivity in silty and clayey layers is low.

- Clay Aquitard – Underlying the Shallow Zone is an aquitard unit dominated by silty clay lithology. This includes well-sorted plastic clay layers, occasionally interbedded with discontinuous sandy lenses, and poorly sorted strata containing cobbles and gravel in a fine-grained matrix. Taken together, the unit is termed the "clay aquitard" in recognition of its function as a barrier to significant vertical hydrologic communication.

- Deep Groundwater Zone – The Deep Groundwater Zone (Deep Zone) consists of interbedded gravel, sand, and fine-grained strata. The main difference between this unit and the Shallow Zone, which exhibits similar lithologies, is that the gravel and sand layers in the Deep Zone are better sorted, thicker, and more continuous.

3.0 DESCRIPTION OF FIELD ACTIVITIES

3.1 Pre-Mobilization Activities

Before the start of field operations, URS prepared a DTSC-approved Health and Safety Plan for the sampling investigation at the Site.

On January 17, 2011, URS contacted the Zone 7 Water Agency (Zone 7) to determine permit requirements for the proposed project work. On February 4, 2011, URS submitted an application for permitting to Mr. Wyman Hong, and subsequently received a drilling permit for the required scope of work.

URS marked all the drilling locations in white paint and notified Underground Services Alert (USA). A utility clearance was conducted at each of the borehole locations, including clearance of public property by USA, and additional clearance by a private utility clearance company, Sierra Nevada Ground Scan Imaging, a California-certified Disabled Veteran Business Enterprise.

3.2 Soil Sampling

Soil samples were collected by Gregg Drilling and Testing, Inc., of Martinez, California, using direct-push technology (DPT) at fourteen sample locations, C-1 to C-14 (Figure 2). During advancement of the boreholes, a continuous core was collected at each location using 4-foot-long acetate sleeves that were cut at the desired sampling interval and sealed with Teflon™ sheeting and end caps. Samples collected for TPH-g were collected using gas-tight EnCore™ samplers. All borings were logged according to the Unified Soil Classification System. Laboratory Reports, Data Validation Reports, and Chain-of-Custody forms are provided in Appendix A. Boring logs are included as Appendix B.

Samples were analyzed according to the California Assessment Manual (CAM) 17 metals; BTEX; TPH-g, TPH-d and TPH-mo; polyaromatic hydrocarbons (PAHs); and organochlorine pesticides (OCPs). All samples were delivered under chain of custody to TestAmerica Analytical Laboratories of Pleasanton (TestAmerica), California for analysis. Sample analytical methods and locations are summarized in Table 1.

Duplicate samples were collected at a minimum frequency of 10 percent of the primary samples. A total of 28 soil samples and 5 duplicate samples was analyzed for metals. Twenty-three soil samples and three duplicate samples were analyzed for TPH-g with BTEX; 23 soil samples and four duplicates were analyzed for TPH-d and TPH-mo; 19 soil samples and four duplicates were analyzed for PAHs; and nine soil samples and two duplicate samples were analyzed for OCPs.

3.3 Groundwater Sampling

URS contracted with Gregg Drilling and Testing, Inc., to collect groundwater samples using a Cone Penetration Test (CPT) drill rig equipped with a Hydropunch™ sampler. Groundwater samples were collected between 43 and 49 feet bgs using a stainless-steel bailer that was decontaminated between sample locations, in accordance with the work plan.

URS used CPT technology in order to collect the groundwater samples, to assess the nature of the underlying geology, and to identify the depth to groundwater for grab groundwater collection. During advancement of the CPT cone, real-time data was monitored to identify the first groundwater-bearing zone, which was identified by coarse-grained lithologies and variations in pore pressure. In addition, pore-water dissipation tests, which record the pore-water pressure against time as it decays, were performed. Stabilization of dynamic pore pressure in a short period of time typically indicates favorable conditions for the presence of a groundwater-bearing zone. The methodology described above allowed groundwater samples to be collected from the specific groundwater-bearing zones identified using the CPT data. CPT probes were completed to a maximum depth of 49 feet bgs. Following collection of CPT and pore-water data, the probe locations were tremmie-grouted with neat cement.

Groundwater samples were analyzed for VOCs using U.S. Environmental Protection Agency (U.S. EPA) Method 8260B; TPH using U.S. EPA Methods 8015M/8020; and for CAM 17 metals using U.S. EPA Method 6010B. Five groundwater samples and one duplicate sample were collected from five onsite locations. Sample analyses are summarized in Table 1. Field parameters (temperature, conductivity, dissolved oxygen, pH, and oxidation reduction potential) were also measured for each groundwater sample using a YSI Incorporated (YSI) meter, and are summarized in Table 6. The CPT report from Gregg Drilling and Testing, Inc., is included as Appendix C.

3.4 Soil Gas Sampling

URS contracted with Gregg Drilling and Testing, Inc., to advance the soil gas borings using DPT. Soil gas samples were collected at five locations (C1 to C5), and analyzed for VOCs following the U.S. EPA Method for Toxic Organics – 15 (U.S. EPA TO-15). Soil gas samples were collected at 5 feet bgs at each of these locations. One field duplicate quality control (QC) sample was collected from location C-3.

Soil gas samples were collected in general accordance with the DTSC/Los Angeles RWQCB guidance titled *"Advisory – Active Soil Gas Investigations,"* dated January 28, 2003 (DTSC and LARWQCB, 2003). Soil gas sampling was also completed in general accordance with the draft 2009 Active Soil Gas Advisory presented in June 2009, by the San Francisco Bay RWQCB

(RWQCB, 2009). Although this guidance has not yet been formally adopted, it is expected to be adopted imminently, and presents the most up-to-date methodologies. Following this guidance, soil gas samples were collected from semi-permanent soil vapor monitoring points. At each location, a boring was advanced to 5 feet bgs using direct-push equipment. Tubing with a screen attached to the end was then lowered to the base of the boring, and a sand pack poured around it. When the sand was above the screened interval, 1 foot of dry bentonite was placed on top of the sand pack. Hydrated bentonite was then added to complete the well to the ground surface. Samples were collected directly from the tubing into a 1.4-liter SUMMA™ canister using helium as a leak-check compound. This method required use of a shroud over the sampling train and boring surface, and a continuous flow of helium into the shroud. A helium meter was used to monitor helium concentrations within the shroud, and laboratory analysis for helium was subsequently conducted to assess whether any leaks had occurred.

Soil gas sampling was not conducted for at least 20 minutes after the semi-permanent probe was installed, to allow subsurface conditions to equilibrate. To ensure that stagnant or ambient air was removed from the sampling system and to ensure samples were representative of subsurface conditions, three purge volumes (or "dead space volumes") were removed from the sampling system. This included air from the dedicated polyethylene tubing and the annular space around the probe tip. Six-liter SUMMA™ canisters were used to remove the purge volumes. Purging of the sampling system and sampling was performed at flow rates between 100 milliliters per minute (mL/min) and 200 mL/min to limit stripping, prevent ambient air infiltration, and reduce the variability of purging and sampling rates. After the purge volumes were removed, a 1.4-liter SUMMA™ canister was connected to the tubing within the helium shroud, and a soil gas sample was collected.

Soil gas samples were submitted under chain-of-custody to Curtis and Tompkins Laboratory (a California Small Business Enterprise (SBE) in Berkeley, California, for VOC analysis by U.S. EPA Method TO-15. Vacuum readings before and after shipping were recorded to ensure that no leakage had occurred during shipping. In addition to analysis, each canister was analyzed for helium using American Society for Testing and Materials Method D1946 to determine whether any leakage from the shroud had occurred.

3.5 Geophysical Investigation

URS contracted with NorCal Geophysical Consultants, Inc. (NorCal), of Cotati, California, a California SBE, to conduct a geophysical investigation of the northwestern corner of the Site, the location of the former gas station. The objective of the investigation was to assess whether any USTs remained following the closure of the gas station in the 1970s. NorCal used vertical magnetic gradient, metal detection, and ground-penetrating radar (GPR) methodologies to map

the subsurface of the Site within the approximate boundary of the former gas station, as shown on Figure 2. The Norcal report is included as Appendix D.

The investigation showed no anomalies in the northwestern area of the former gas station footprint, where the USTs were believed to have been located (Enercon 2009b). However, an approximately 8-foot by 8-foot anomaly was identified in the planter area on the eastern side of the gas station footprint (Figure 2). A larger-scale map of this area is included as Plate 1 in the NorCal report in Appendix D. The anomaly is consistent with a small UST, utility vault, and/or other metal debris but may also reflect the presence of rebar in the surrounding planter curb. GPR could not be used to confirm this anomaly because of the vegetation and saturated soil in the planter area. Because of the location of the anomaly with respect to prior site operations, it is believed that it is consistent with buried metal debris and/or curbing rebar rather than a UST.

3.6 Investigation-Derived Waste

A minimal amount of investigation-derived waste (soil cuttings) was generated during the drilling and sampling activities, and placed in a 55-gallon drum. Soil cuttings were characterized for profiling and will be disposed of at the South Yuma Landfill in Yuma, Arizona.

4.0 Deviations from the Work Plan

The DTSC TSI work plan was followed for the collection of soil and soil gas samples across the Site, with the deviations described below.

The TSI work plan indicated that soil gas samples would not be collected within a 7-day period of a major rain event. However, due to the expedited schedule for completion of the TSI project, soil gas samples were collected on the day of a rain event. Soil gas samples C1-SG, C3-SG, C4-SG, and C5-SG were collected from the paved parking lot; and sample C2-SG was collected from a vegetated area (Figure 2). In addition, one groundwater sample was collected from location C-1 rather than C-3, as was specified in the work plan. This change was made because C-1 was located in the approximate area occupied by one of the prior USTs, and also to give better spatial representation of groundwater conditions. Variations from the TSI work plan were completed with prior concurrence from the DTSC Project Manager.

This page intentionally left blank.

5.0 ANALYTICAL RESULTS

This section presents the analytical results of the soil, groundwater, and soil gas sampling and analysis conducted during this investigation. Soil samples were submitted to TestAmerica for analysis of TPH-g and BTEX, TPH-d, TPH-mo, CAM 17 Metals, PAHs, and OCPs. Groundwater samples were submitted to TestAmerica for analysis of VOCs, CAM 17 Metals, TPH-g with BTEX, TPH-d, and TPH-mo. Soil gas samples were submitted to Curtis and Tompkins, Ltd. for VOC analysis. The results were used to determine whether hazardous wastes/substances were present at the Site, to evaluate the nature and extent of contamination and to estimate the potential threat to public health and/or the environment posed by existing Site conditions. Copies of the analytical data packages and data validation reports are included in Appendix A.

5.1 Data Quality

The DTSC TSI work plan included a Quality Assurance Project Plan (QAPP) to serve as the primary guide for the integration of Quality Assurance (QA) and Quality Control (QC) functions into field activities at the Site. The QAPP identified the procedures, objectives, and specific QA/QC activities designed to achieve data quality objectives (DQOs) established for this TSI. The project file contains documentation of the QAPP protocols followed in the field, in the laboratory and in the data validation process.

Environmental measurements were conducted throughout the course of the project to produce data that are scientifically valid, are of known and acceptable quality, meet established project objectives, and are legally defensible.

Analytical data were evaluated to achieve an acceptable level of confidence in the decisions derived from the data based on methods and procedures described throughout the QAPP. The precision, accuracy, completeness, comparability, representativeness and required levels of sensitivity for all data generated were evaluated against the specified DQOs, and to provide the documentation necessary to support the investigation.

The following sections discuss the results of the data validation performed by URS chemists.

5.1.1 Soil Data

5.1.1.1 CAM 17 Metals

Holding Time and Sample Conditions

The concentration of an analyte in a sample can change with time due to chemical instability, biological degradation, and volatilization. All samples were analyzed and extracted within required holding times and within the temperature range of 4 degrees Celsius (°C) ±2°C.

Blank Contamination

No detections of any analytes were found in any of the method blanks. No field blanks were submitted.

Field Duplicates and Laboratory Duplicates

Six pairs of field duplicates were submitted to TestAmerica. The relative percent difference (RPD) between concentrations of mercury in the duplicate pair C14-5 (0.098 micrograms per kilogram [µg/kg]) and C14-60 (0.037 µg/kg) of 90.4 percent exceeded the QC limit of 50 percent. Reported concentrations of mercury are flagged "J," estimated in both samples. Significant discrepancies were found in the duplicate pair C2-2 and C2-60. The RPD between concentrations of arsenic, chromium, nickel, mercury, and zinc, in the duplicate pair exceeded the QC limit of 50 percent. In each case, positive detections in either sample of the listed metals, not previously qualified, were flagged "J," estimated. The details, including concentrations in duplicate pair members as well RPDs, are shown in the tables in the validation report. The relatively poor precision shown by the field duplicates is most likely due to soil heterogeneity. No other significant discrepancies were found between duplicate pairs.

Laboratory Control Samples

All metals spiked for laboratory control samples (LCS) were recovered within their QC acceptance range of 80 to 120 percent.

Matrix Spikes and Duplicates

Four samples from this project were spiked for the matrix spike (MS)/matrix spike duplicate (MSD). A number of metals from samples C2-5, C5-2, C10-5, and C14-5 had recoveries outside the 75 to 125 percent QC limit, or had RPDs between the reported concentrations that exceeded 20 percent. In the appropriate analytical batch, for all metals where the mean percent recovery was low, the reporting limit for non-detects were flagged "UJ," estimated, and reported concentrations were flagged "J," estimated. When the mean percent recovery was high, the

reported concentrations were flagged "J," estimated. The tables in the data validation reports identify the sample that was spiked, the associated analytical batch, the mean percent recovery (for the MS and MSD), and the RPD. The flagging protocol followed is listed at the end of each table. It is likely that both the RPD failures and the recovery failures are due to soil heterogeneity.

Reporting Limits and Dilutions

All samples were diluted by a factor of four for the 6010B analysis (for all metals except mercury), and reporting limits were correspondingly increased by a factor of four. The mercury analyses by U.S. EPA Method 7470 were not diluted.

5.1.1.2 Gasoline-Range Organics

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C ± 2°C. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analyte were found in any of the method blanks analyzed.

Field Duplicates and Laboratory Duplicates

Four field duplicate soil samples were submitted for gasoline-range organics analysis. There was no significant discrepancy between the results of the pair members.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

MS/MSD recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required.

5.1.1.3 Diesel and Motor-Oil Range Organics

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C +/- 2°C degrees. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analyte were found in any of the method blanks or trip blanks analyzed.

Field Duplicates and Laboratory Duplicates

Four field duplicate soil samples were submitted for diesel and motor-oil range organics analysis. In duplicate pair C3-5 and C3-60, both diesel and motor oil were reported non-detect in sample C3-60, but at concentrations of 100 mg/kg and 470 mg/kg, respectively, in sample C3-5. Reported concentrations in sample C3-5 were flagged "J," estimated. The relatively poor precision shown by these duplicates is most likely due to soil heterogeneity. No significant discrepancy was found between the results of the other duplicate pair members.

Surrogates

There was no recovery (0 percent) of the surrogate p-terphanyl in sample C7-2. The reported concentrations of both diesel and motor-oil range organics were flagged "J," estimated, and could be biased low due to the failed surrogate recovery. However, there was no MS/MSD recovery issue with the sample batch containing C7-2, indicating that there was no matrix problem with the analytes of concern.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

The RPD between the percent recoveries of the MS and MSD (45 percent) exceeded the QC limit of 30 percent for the spiked sample C3-60. The reporting limits for both diesel and motor oil were therefore flagged "UJ," estimated for this sample. The MS/MSD exceedence for the non-detect sample C3-60 was not considered to affect the results of the other samples within this

batch, in accordance with the professional judgment of the URS chemist, consistent with U.S. EPA data validation protocol.

Reporting Limits and Dilutions

Dilutions between two and five were required to quantitate these analytes in samples C5-5, C2-60, C4-5, C3-2, C6-2, C7-2, and C3-5. In each case, the reporting limit was raised by the same factor as the dilution. Reported concentrations exceeded the elevated reporting limits. The details of which samples were diluted, and their corresponding factors, are presented in the validation report in Appendix A.

5.1.1.4 Organochlorine Pesticides

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C +/- 2°C degrees. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analytes were found in any of the method blanks analyzed.

Field Duplicates and Laboratory Duplicates

Two field duplicates were submitted for pesticide analysis. There were no significant discrepancies between the results of the pair members.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

No MS/MSD sample was submitted for organochlorine pesticide analysis. However, surrogate (tetrachloro-m-xylene and DCB decachlorobiphenyl) recoveries were within the prescribed ranges, suggesting that no significant matrix affect was present.

Reporting Limits and Dilutions

No dilutions were required.

5.1.1.5 PAHs

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C +/- 2°C degrees. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analytes were found in any of the method blanks analyzed.

Field Duplicates and Laboratory Duplicates

Four field duplicates were submitted for PAH analysis. The following compounds in sample C10-60 had reported concentrations greater than 3 times the reporting limits for the non-detects in the duplicate sample C10-2: benzo(a)anthracene, chrysene, benzo(a)pyrene, benzo(b)fluoranthene, fluoranthene, and pyrene. Reported concentrations in sample C10-60 were flagged "J," estimated. Results in sample C10-2 were all non-detect. All other duplicate pairs had no significant discrepancies.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

MS/MSD recoveries were all within their QC acceptance ranges.

Reporting Limits and Dilutions

Dilutions between two and ten were required to quantitate these analytes in samples C1-2, C2-60, C5-5, C1-5, C4-5, C3-2, C3-5, C7-2, and C6-2. In each case, the reporting limit was raised by the same factor as the dilution. Reported concentrations exceeded the elevated reporting

limits. The details of which samples were diluted and their corresponding factors are presented in the validation report in Appendix A.

5.1.2 Groundwater Data

5.1.2.1 CAM 17 Metals

Holding Time and Sample Conditions

The concentration of an analyte in a sample can change with time due to chemical instability, biological degradation, and volatilization. All samples were analyzed and extracted within required holding times and within the temperature range of 4°C ±2°C.

Blank Contamination

No detections of any analytes were found in any of the method blanks.

Field Duplicates and Laboratory Duplicates

One pair of field duplicates was submitted to Test America. No significant discrepancy was found between the results of the pair members.

Laboratory Control Samples

All metals spiked for LCS were recovered within their QC acceptance range of 80 to 120 percent.

Matrix Spikes and Duplicates

One sample from this project was spiked for the MS/MSD. MS/MSD recoveries were within their QC acceptance ranges. In the second batch of samples (C2GW, C20GW, and C9GW), the sample spiked for the MS/MSD for mercury was not from this project and does not reflect the matrix of these samples. All of the 6010B metals met QC acceptance criteria.

Reporting Limits and Dilutions

No dilutions were required.

5.1.2.2 Gasoline-Range Organics

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C ± 2°C. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analytes were found in any of the method blanks analyzed.

Field Duplicates and Laboratory Duplicates

One field duplicate groundwater sample was submitted for gasoline-range organics analysis. There was no significant discrepancy between the results of the pair members.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

MS/MSD recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required.

5.1.2.3 Diesel and Motor-Oil Range Organics

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C +/- 2°C degrees. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analytes were found in any of the method blanks or trip blanks analyzed.

Field Duplicates and Laboratory Duplicates

One field duplicate was submitted for TPH-d and TPH-mo analysis. There was no significant discrepancy between the results of the pair members.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

One sample from this project was spiked for the MS/MSD. MS/MSD recoveries were within their QC acceptance ranges.

Reporting Limits and Dilutions

No dilutions were required.

5.1.2.4 Volatile Organic Compounds

Holding Time and Sample Conditions

All samples were analyzed and extracted within required holding times and within the temperature range of 4°C +/- 2°C degrees. All of the samples were analyzed within the holding time. No problems were encountered with sample temperature at log-in at the laboratory.

Blank Contamination

No detections of any analytes were found in any of the method blanks or trip blanks analyzed.

Field Duplicates and Laboratory Duplicates

One field duplicate was submitted for VOC analysis. There was no significant discrepancy between the results of the pair members.

Surrogates

For all samples, the surrogate was recovered within its QC acceptance limits.

Laboratory Control Samples

LCS recoveries were within their QC acceptance ranges.

Matrix Spikes and Duplicates

One sample from this project was spiked for the MS/MSD. The mean percent recovery of acetone of 59 percent was below the QC acceptance range of 60 percent to 140 percent. The reporting limit of acetone in sample C12-GW was flagged "UJ," estimated. However, this result does not indicate significant matrix effects for precision.

Reporting Limits and Dilutions

No dilutions were required.

5.1.3 Data Quality Review

5.1.3.1 Soil Gas Data

Holding Times and Sample Condition

Holding time for soil gas samples in SUMMA canisters is generally considered to be 30 days, although it is not specified in the TO-15 method. Curtis and Tompkins performed the analysis within 3 days of sampling. There were no instances of problems with sample conditions noted by the laboratory during log-in.

Blank Contamination

No detections of target compounds were reported in any of the method blanks.

Field Duplicates

URS sent one pair of field duplicates (C3-SG and C6-SG) for analysis. The duplicates were collected sequentially. There were no significant discrepancies between results of the duplicate pair. The duplicate sample C6-SG was the only sample that had helium leakage from the shroud, at 1.3 percent by volume. However, the analytical results for this duplicate sample were consistent with the parent sample.

Surrogates

All surrogate recoveries fell within the QC acceptance range of 70 to 130 percent LCS except 2-hexanone, which was recovered at 134 percent. Because this compound was not reported in any samples, results were not qualified.

Matrix Spikes and Duplicates

Matrix spikes are not used in air and gas analyses.

Reporting Limits and Dilutions

Some samples required additional dilutions in order to quantitate target compounds (usually tetrachloroethene [PCE]). These dilutions are shown on the laboratory reports and on the validation reports in Appendix A.

5.1.4 Overall Summary of Data Quality

Based on this level of data validation, the associated data are all usable for this project. None of the results were rejected, and the data that were qualified were almost all from the soil samples, where heterogeneity is the likely cause.

5.2 Comparison Criteria

Soil analytical results were compared to the Cal/EPA Office of Environmental Health Hazard Assessment (OEHHA) California Human Health Screening Levels (CHHSLs) and the U.S. EPA Region IX Regional Screening Levels (RSLs) for residential soil. RSLs are intended to address human health concerns regarding direct exposure to affected soils, and are generally consistent with human health risk assessment guidance prepared by the DTSC. The most recent update to the RSLs was in December 2009. The OEHHA CHHSLs are soil-screening levels developed by OEHHA and released in January 2005 (a revision of the November 2004 draft publication), with subsequent revisions on September 17, 2009. The OEHHA CHHSLs are not intended to be prescriptive cleanup levels; however, they are useful as an initial human-health–based screening tool.

Because no CHHSL or RSL values have been assigned for TPH compounds, these results were compared to the San Francisco Bay RWQCB ESLs for shallow soils where groundwater is a potential drinking-water source for residential land use. ESLs are conservative risk-based screening levels; they are not regulatory cleanup levels, but are useful as an initial screening level to be protective of human health and the environment. The most recent version of the ESLs was released in May 2008.

Groundwater analytical results were compared to the California Department of Public Health (CDPH) Maximum Contaminant Levels (MCLs), updated November 28, 2008, which are regulatory standards that limit contaminant concentrations in drinking water.

Soil gas analytical results were compared to the OEHHA CHHSLs for volatile chemicals below buildings constructed without engineered fill below sub-slab gravel, a residential scenario to provide the most conservative comparison standard. The OEHHA CHHSLs are soil-gas screening levels developed by OEHHA and released in January 2005 (a revision of the November 2004 draft publication), with subsequent revisions on September 17, 2009. The OEHHA CHHSLs are not intended to be prescriptive cleanup levels, but they are useful as an initial human-health–based screening tool.

5.3 Soil Analytical Results

Soil analytical results for TPH are summarized in Table 2, results for metals are summarized in Table 3, results for PAHs are summarized in Table 4, and results for organochlorine pesticides are summarized in Table 5. Laboratory analytical reports are included in Appendix A.

5.3.1 TPH-g, TPH-d, and TPH-mo

The analytical laboratory results for TPH-g, BTEX, TPH-d, and TPH-mo analyses are summarized in Table 2. Samples were analyzed for these compounds at 14 locations in samples collected at 2 feet bgs; at five locations in samples collected at 5 feet bgs; and at two locations in samples collected at 20 and 30 feet bgs. TPH-g and BTEX compounds were not detected in any of the samples analyzed above laboratory reporting limits. TPH-d was not detected in concentrations exceeding the residential ESL for TPH-d of 83 mg/kg in any samples collected at 2 feet bgs, 20 feet bgs, or 30 feet bgs. However, THP-d was detected at concentrations exceeding the ESL in three of the five samples collected at 5 feet bgs. Concentrations detected above the ESL were 100 mg/kg in sample C1-5, 110 J mg/kg in sample C3-5, and 140 mg/kg in sample C4-5. The result for sample C3-5 was "J" flagged as estimated, as discussed in Section 5.1.1.3. TPH-d detections were also found at levels less than the ESL at locations C5 (5 feet bgs) and C1, C5, C6, C7, and C8 (2 feet bgs). TPH detections are shown on Figure 3.

TPH-mo was not detected in concentrations exceeding its ESL of 370 mg/kg in any samples collected at 2 feet bgs, 20 feet bgs, or 30 feet bgs. TPH-mo was detected at concentrations exceeding the ESL in three of the five samples collected at 5 feet bgs. The results were 470 J mg/kg in sample C3-5, 570 mg/kg in sample C1-5, and 670 mg/kg in sample C4-5. The TPH-mo result for C3-5 was J-flagged as estimated, as discussed in Section 5.1.1.3. TPH-mo detections were also found at concentrations less than the ESL at locations C5 (5 feet bgs), C6, C7, and C8 (all at 2 feet bgs), all locations at which TPH-d was detected.

5.3.2 CAM 17 Metals

The metals analytical results are summarized in Table 3. Samples collected from 2 feet bgs and 5 feet bgs at all 14 borings were analyzed for metals. Multiple metals were detected at all of the

locations and at all depths; however, only arsenic was detected at concentrations exceeding comparison criteria.

Arsenic was detected in 25 out of 34 samples collected at the Site. All of the detected concentrations of arsenic were above the CHHSL concentration of 0.07 mg/kg, and the RSL concentration of 0.39 mg/kg. Concentrations ranged from 4.1 mg/kg in sample C1-2 to 14 mg/kg in sample C2-2. The detected arsenic concentrations, while above risk-based comparison criteria, are less than the 95th percentile for background levels of 17 mg/kg, developed by Lawrence Berkeley National Laboratory (LBNL, 2009). The LBNL 95th percentile background level is a value that has commonly been accepted as a background concentration for arsenic in San Francisco Bay Area soils.

Other metals detected above the laboratory reporting limits were barium, chromium, cobalt, copper, lead, nickel, vanadium, zinc, and mercury, as listed Table 3. These metals were all detected at concentrations below the applicable residential CHHSLs and RSLs.

5.3.3 Polynuclear Aromatic Hydrocarbons

The analytical laboratory results for PAH analyses are summarized in Table 4. Samples were analyzed for these compounds at fourteen locations in samples collected at 2 feet bgs, and at five locations in samples collected at 5 feet bgs. Multiple PAH compounds were detected in two samples: C10-60 (duplicate of C10-2) and C2-2. Naphthalene was detected in sample C3-2 at 36 µg/kg. Only benzo[a]pyrene exceeded the RSL concentration of 15 µg/kg in sample C10-60, with a reported concentration of 21 J µg/kg, but this was below the CHHSL of 38 micrograms per liter (µg/L). This result was J-flagged as estimated, as discussed in Section 5.1.1.5. All other detections were below their respective RSLs and CHHSLs.

5.3.4 Organochlorine Pesticides

The analytical laboratory results for pesticide analyses are summarized in Table 5. Samples collected at 2 feet bgs were analyzed for these compounds at nine locations. No pesticides were detected above laboratory reporting limits in any samples collected. Reporting limits are included in Table 5.

5.4 Groundwater Analytical Results

Groundwater field parameters are summarized in Table 6. Analytical results for TPH are presented in Table 7; results for metals are presented in Table 8; results for VOCs are presented in Table 9. Laboratory analytical reports and validation reports are included in Appendix A.

5.4.1 Groundwater Field Parameters

The groundwater field parameters temperature, conductivity, dissolved oxygen, pH, and Oxidation Reduction Potential were measured using a YSI multi-parameter meter. Field parameters and depths to groundwater for each sample location are summarized in Table 6.

5.4.2 TPH-g, TPH-d, and TPH-mo

The analytical laboratory results for TPH-g, TPH-d, and TPH-mo analyses are summarized in Table 7. BTEX results are included in Table 8 (VOC results). Samples collected from groundwater varying in depth from 43 to 49 feet bgs were analyzed for these compounds at five locations. In each case, the first groundwater encountered was sampled. TPH-g and BTEX were not detected in any of the samples analyzed above laboratory reporting limits. TPH-d was detected above the laboratory reporting limits in samples C14-GW, C2-GW, C20-GW, and C9-GW. However, TPH-d was only detected at concentrations exceeding the ESL of 100 µg/L in one sample, C2-GW, at a concentration of 130 µg/L. It should be noted that the TPH-d concentration in C20-GW (the duplicate of the C2-GW) was less than the ESL, at 82 µg/L. TPH-mo was detected at concentrations exceeding the laboratory reporting limit in all samples except C1-GW. However, the only concentration detected above the ESL was in sample C2-GW, at 400 µg/L. The TPH-mo concentration detected in the duplicate sample for this location (C20-GW) was 200 µg/L, which is less than the ESL. TPH results are shown on Figure 4.

5.4.3 CAM 17 Metals

The metals analytical results are summarized in Table 8. Metals were analyzed from five locations from groundwater ranging in depth from 43 to 49 feet bgs. Multiple metals were detected in all of the samples; however, only three metals were detected at concentrations exceeding comparison criteria. Metals for which concentrations exceeded the CDPH MCL criteria were barium, chromium, and nickel.

Only sample C9-GW exceeded the barium CDPH MCL of 1 µg/L, with a detected concentration of 1.2 µg/L.

Chromium was detected in four of the six samples collected; however, it was detected in only one sample (and its duplicate) at a concentration exceeding the CDPH MCL of 0.05 µg/L. The concentrations exceeding the CDPH MCL were detected in samples C2-GW and C20-GW (the duplicate sample of C2-GW) at 0.086 µg/L and 0.1 µg/L, respectively.

Nickel was detected in all of the samples collected, but only two samples (and one duplicate) exceeded the CDPH MCL of 0.1 µg/L. Nickel samples exceeding the CDPH MCL included C9-GW at 0.15 µg/L, C2-GW at 0.27 µg/L, and C20-GW at 0.39 µg/L (duplicate of C2-GW).

5.4.4 Volatile Organic Compounds

The analytical laboratory results for VOC analyses are summarized in Table 9. Samples were analyzed for these compounds at six locations in groundwater, at depths ranging from 43 to 49 feet bgs. Trichloroethylene (TCE) and PCE were the only VOCs detected above laboratory reporting limits. PCE was detected in all of the samples analyzed above laboratory reporting limits. In five of the six samples, PCE was above the CDPH MCL of 5 µg/L. Concentrations above the CDPH MCL ranged from 12 µg/L in sample C20-GW (duplicate of C2-GW) to 15 µg/L in sample C9-GW. TCE was also detected above laboratory limits in three of the samples, but no samples exceeded the CDPH MCL of 5 µg/L. No other VOCs were detected in the groundwater samples. PCE concentrations in groundwater samples are shown on Figure 4.

5.5 Soil Gas Analytical Results

Soil gas samples were collected from five locations at 5 feet bgs. Soil gas samples were analyzed for VOCs. The results are presented in Table 10 and laboratory analytical and data validation reports are included in Appendix A. A total of 14 compounds was detected in soil gas samples from the Site. Benzene was the only compound detected above its CHHSL. In sample C5-SG, benzene was detected at a concentration of 0.04 µg/L, which slightly exceeds the CHHSL of 0.036 µg/L. Benzene was also detected in samples C1-SG, C2-SG, and C4-SG, but at concentrations below the CHHSL. Other compounds detected for which CHHSLs have been established were PCE, which was detected at concentrations up to 0.049 µg/L, below the residential CHHSL of 0.18 µg/L; m,p-xylenes up to 0.15 µg/L, below the residential CHHSL of 320 µg/L; o-xylene up to 0.03 µg/L, below the residential CHHSL of 320 µg/L; and toluene at up to 0.018 µg/L, below the residential CHHSL of 140 µg/L. Propylene was detected in all of the soil gas samples, except for the C6-SG (duplicate of C3SG) at concentrations between 0.056 µg/L and 0.5 µg/L. No CHHSL is established for propylene.

This page intentionally left blank.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Soil

Based on the results of the investigation conducted at the Site, soil has been impacted by low-level TPH-d and TPH-mo contamination at eight locations, within the footprint of the former gas station and across the northern part of the Site (Figure 3). TPH-d and TPH-mo concentrations at 2 feet bgs were all below the established residential ESLs. For two samples in the area of the former gas station (C1 and C3) and one sample east of this area (C4), TPH-d and TPH-mo concentrations exceeded the residential ESLs at a depth of 5 feet bgs. The maximum TPH-d concentration was 140 mg/kg (residential ESL 83 mg/kg); and the maximum TPH-mo concentration was 670 mg/kg (residential ESL 370 mg/kg). There were no TPH detections at the 20- and 30-foot bgs samples collected at C2 and C3, indicating that TPH contamination from the 5-foot bgs samples had not migrated vertically to 20 feet bgs. TPH-d and TPH-mo contamination at concentrations less than the ESL was detected at locations C5 (5 feet bgs), and at locations C6, C7, and C8 (2 feet bgs), which are outside of the former gas station footprint. These results indicate that the former gas station is likely not the only source of TPH contamination at the Site. Deeper samples were not collected at locations C6, C7, and C8 during the current investigation.

It is possible that other undocumented historical activities at the Site may have resulted in TPH contamination in areas outside of the former gas station. In addition, the 2009 Phase I ESA (Enercon, 2009a) identified a Pacific Gas and Electric (PG&E) manufactured gas plant, which operated through the 1950s, as having been adjacent to the Site. Although the PG&E site was classified as requiring no further action by the U.S. EPA and RWQCB, and was not identified as a Recognized Environmental Condition in the Phase I report (Enercon, 2009a), it is possible that TPH soil contamination, especially at the eastern boundary of the Site (C7), could be associated with historical operations at this facility.

The detected arsenic concentrations, although above risk-based comparison criteria, are within the 95th percentile for background levels of 17 mg/kg. The 95th percentile background level is a value developed by LBNL that has been accepted as a background concentration for arsenic in San Francisco Bay Area soils (LBNL, 2009). No other metals were detected at levels exceeding the residential CHHSLs or RSLs.

PAHs were detected in only three of the fourteen sample locations (C2, C3, and C10). The only detection that exceeded comparison criteria was the benzo(a)pyrene result of 21 J µg/kg, which is below the residential CHHSL of 38 µg/kg. Other detections were below comparison criteria (Table 4).

There were no detections of organochlorine pesticides in the samples collected at 2 feet bgs.

For unrestricted Site use, no contaminants were detected above comparison criteria in surficial soils to a depth of at least 2 feet bgs. In the corner of the Site, formerly occupied by the gas station, and to the east of this area, there were low-level exceedences of TPH-d and TPH-mo in the 5-foot bgs samples, but no detections in the 20- and 30-foot bgs samples. However, the areas of contamination at 5 feet bgs at C1, C3, and C4 are not vertically bounded, because there are no sample points between 5 and 20 feet bgs. Also, samples at 5 feet bgs were not collected from locations C6, C7, and C8, all of which had TPH-d and TPH-mo detections below the ESL at 2 feet bgs. TPH concentrations at 5 feet bgs are unknown at these locations. This area of the Site may warrant further investigation for TPH-d and TPH-mo to bound the vertical and lateral extent of contamination.

6.2 Groundwater

The primary groundwater contaminant of concern is PCE, which was detected above its CDPH MCL at both upgradient and downgradient borders of the Site (Figure 4). The inferred groundwater flow direction in the Site vicinity is to the northwest (Treadwell and Rollo, 2009). PCE groundwater concentrations ranged from 2.4 µg/L to 15 µg/L. The PCE concentration at location C14 (upgradient) was 13 µg/L; PCE concentrations at the downgradient corner of the Site were 13 µg/L and 14 µg/L at C1 and C2, respectively. Because the PCE concentrations do not vary across the Site, it is likely that there is an off-site, upgradient source. Although there are several dry cleaners in the upgradient area, no releases were identified in the most recent Phase I ESA (Enercon, 2009).

Review of the groundwater investigation conducted by Treadwell and Rollo (Treadwell and Rollo, 2009) at the nearby LASC/MOSC sites indicates that the Chestnut Street site is directly downgradient of the shallow groundwater PCE plumes associated with the LASC/MOSC sites. The April 2009 plume map in the Treadwell and Rollo report for shallow-zone PCE contamination (25 feet to 75 feet bgs) shows that the PCE plumes extend to the railroad tracks south of the Site. The highest concentration in the shallow PCE plumes identified by Treadwell and Rollo (2009), upgradient of the Site was 28 µg/L, which is higher than the onsite PCE concentrations found in groundwater. Additional migration of the contaminant plume would have occurred between April 2009 and the date of the current investigation (February 2011). It is likely that PCE concentrations detected in groundwater sampled during this TSI are attributable to an off-site, upgradient source.

TPH-d was detected across the Site at both the upgradient and downgradient sample locations. The only exceedence of the residential ESL (100 µg/L) was at C2-GW (120 µg/L). TPH-mo was also detected across the Site, with a low-level exceedence at C2-GW (400 µg/L). The residential ESL for TPH-mo is 370 µg/L. TPH was detected at locations C12 and C14, which are upgradient of the former gas station area, and at C9, which is cross-gradient. The former gas station was

located in the area of C1, C2, and C3; the USTs were located in the area of C2 and C3. These upgradient and cross-gradient detections indicate a potential off-site source. The PG&E manufactured gas plant identified in the 2009 Phase I ESA (Enercon, 2009a) that operated though the 1950s is described as adjacent to the Site. It is a possible source for the low-level TPH groundwater contamination, but this contamination could also be attributable to other historical operations at the Site.

Chromium was detected in sample C2-GW (0.086 µg/L), and at 0.1 µg/L in C20-GW (duplicate of C2-GW), exceeding the CDPH MCL of 0.05 µg/L. Nickel was detected in samples C2-GW (0.27 µg/L) and C9-GW (0.15 µg/L) at concentrations above the CDPH MCL of 0.1 µg/L. Barium was detected at 1.2 µg/L at location C9-GW, exceeding the CDPH MCL of 1.0 µg/L. These isolated and low-level exceedences for metals are likely attributable to background levels of metals in the groundwater.

6.3 Soil Gas

Several compounds were present in soil gas at the Site (Table 10). PCE was detected in four of the five primary samples at concentrations below the residential CHHSL of 0.18 µg/L. This indicates that PCE concentrations in groundwater do not pose a vapor intrusion threat. Benzene was detected in one sample (C5-SG) at a concentration of 0.040 µg/L, exceeding the CHHSL of 0.036 µg/L. Other benzene detections from the area of the former gas station did not exceed the CHSSL. All other compounds were detected at relatively low levels and did not exceed CHHSL concentrations. The soil gas results do not indicate the potential for vapor intrusion at the Site.

6.4 Geophysical Investigation

The investigation revealed no anomalies in the northwestern area of the former gas station footprint, where the USTs were believed to have been located. The former USTs were located in the area of C2 and C3 (Enercon, 2009a; Kleinfelder, 1989). However, an approximately 8-foot by 8-foot anomaly was identified in the planter area on the eastern side of the gas station footprint (Figure 2). The anomaly is consistent with a small UST, utility vault, or other metal debris. However, it may also reflect the presence of rebar in the surrounding planter curb. GPR could not be used to confirm this anomaly because of the vegetation and saturated soil in the planter area; therefore, the anomaly is based solely on the metal detector survey. This instrument does not differentiate between surficial metal debris and metal debris at depth. Because of the location of the anomaly with respect to prior Site operations, it is believed that it is consistent with buried metal debris and/or curbing rebar rather than a UST.

It is recommended that a GPR survey and additional electromagnetic line location/metal detection surveys of the 8-foot by 8-foot geophysical anomaly be conducted to determine whether there is

any underground structure. Depending on redevelopment plans, the survey could be performed once the planter/curb has been removed to decrease the potential for anomalies. In addition, hand-augering to a depth of 6 feet bgs at three points within the 8-foot by 8-foot area may be warranted, to further assess the origin of the anomaly.

6.5 Potential Threat to Human Health or the Environment

The TPH-d and TPH-mo concentrations detected at 5 feet bgs in the northwestern corner of the Site in the area of the former gas station do not currently pose a threat to human health or the environment because the Site is paved, and there is no exposure pathway. The deeper soil samples collected from the same area indicate that TPH contamination has not migrated to 20 feet bgs, and therefore has not impacted shallow groundwater (43 to 49 feet bgs) in this area. However, development of the Site could involve excavation and disturbance of soils in this area of the Site, where exposed TPH-contaminated soils would require remediation either before or during construction.

Analytes detected in soil gas at the Site are low in concentration and do not pose a risk to human health and environment. However, removal of the asphaltic pavement or use of the property for unrestricted development could require additional sampling, formal risk assessment, remedial actions, and/or engineering controls to ensure that potential risks are minimized.

PCE contamination at the Site exceeds the CDPH MCL of 5 µg/L, with a maximum concentration of 15 µg/L at two locations. This shallow groundwater contamination is believed to be associated with the LASC/MOSC sites (Treadwell & Rollo, 2009). The source of the LASC/MOSC shallow PCE plumes has been identified as historic releases from multiple dry-cleaning operations, located upgradient of the Site. The Treadwell and Rollo report also discusses deeper groundwater PCE contamination associated with the same sites, which has impacted two municipal drinking water supply wells. Because groundwater at the Site is not currently used for drinking water, and soil gas concentrations do not exceed risk-based levels for vapor intrusion, the presence of elevated concentrations of PCE in groundwater at the Site does not pose a threat. However, continued monitoring of groundwater and/or soil gas may be required at the Site to confirm that there is no ongoing threat to human health and the environment.

Although the Site does not currently pose a threat to human health or the environment, a limited amount of contaminated soil is present above risk-based regulatory screening levels; therefore, remediation or engineering controls prior to or during redevelopment will be required.

7.0 REMEDIATION AND DATA GAP DISCUSSION

TPH-d and TPH-mo results exceeded the RWQCB ESLs of 83 mg/kg and 370 mg/kg, respectively, for soil at three borings in the northwestern corner of the Site, within the boundary of the former gas station. Samples were collected at 2 feet bgs and 5 feet bgs; there were no exceedences found in the 2-foot bgs samples. Deeper soil samples were collected at 20 and 30 feet bgs, showing that TPH contamination had not migrated to 20 feet bgs. However, there is the potential for TPH contamination between 5 feet bgs and 20 feet bgs, so that the vertical extent of the contamination is currently unbounded. Similarly, the lateral extent of contamination is not well-defined south of C1.

Depending upon the nature of the redevelopment, it may not be necessary to excavate to 5 feet bgs in the area of the former gas station. If it is necessary to excavate to 5 feet bgs or deeper, then some remediation would be needed either prior to or during construction to address the TPH contamination. Because the extent of TPH contamination in this area is not bounded, it is not possible to estimate remediation costs without further characterization. It is suggested that additional characterization be conducted of soils between 5 feet and 20 feet bgs in order to provide a vertical boundary to the TPH contamination in the northwestern corner of the Site, and that additional samples be collected south of C1. If redevelopment included unpaved (landscaped, grass) areas in the area of the Site impacted by TPH contamination, then a migration pathway to groundwater might be established. In this case, remediation of impacted soils would be required.

If further characterization is to be conducted prior to redevelopment, then soil samples should be collected at 10 and 15 foot depth intervals at each of the locations where TPH-d and TPH-mo exceedences were observed. Soil samples should also be collected at 5, 10, and 15 foot intervals at locations C6, C7, and C8, since existing data indicate contamination at 2 feet bgs, and deeper samples were not collected during the current investigation. It is recommended that a GPR and additional electromagnetic line location/metal detection surveys be conducted of the 8-foot by 8-foot geophysical anomaly to determine whether there is any underground structure, or whether the anomaly is associated with rebar in the surrounding planter curbing. Depending upon the results of this survey, hand-augering to a depth of 6 feet bgs at three points within the 8-foot by 8-foot area may be warranted, to further assess the origin of the anomaly. Costs associated with this data gap investigation would be approximately $10,000, which would include field sampling, drilling subcontractor costs, laboratory analytical costs, disposal of investigation derived waste and a letter report detailing the results of the additional sampling. In addition to the data gap investigation, it is recommended that the soil boring locations be surveyed, so that their locations can be referenced once the existing structures on site have been demolished.

This page intentionally left blank.

8.0 REFERENCES

AEI Consultants, 2004. Phase I Environmental Site Assessment, 1625 – 1635 Chestnut Street, Livermore, California, 94551.

Alameda County Zone 7 Water Agency, 2007. Preliminary Geologic Map of the Livermore Valley. April.

California Division of Mines and Geology (CDMG), 2007. Well Logs for Wells Located in the Model Domain.

California Division of Mines and Geology (CDMG), 1980. Geologic Map of California, Livermore Sheet.

DTSC (Department of Toxic Substances Control), 2011. *Targeted Site Investigation Workplan, for the Chestnut Street, Livermore Site, 1625 and 1635 Chestnut Street*. February.

DTSC and LARWQCB (California Environmental Protection Agency, Department of Toxic Substances Control, and Los Angeles Regional Water Quality Control Board), 2003. *Advisory— Active Soil Gas Investigations*. January.

Department of Water Resources (DWR), 2006, California's Groundwater Bulletin 118, Livermore Valley Groundwater Basin. January.

Enercon (Enercon Services, Inc.), 2009a. Phase I Environmental Site Assessment Retail Office 1625-1635 Chestnut Street, Livermore, California 94551. July 24.

Enercon (Enercon Services, Inc.), 2009b. Phase II Environmental Site Assessment Retail Office 1625-1635 Chestnut Street, Livermore, California 94551. September 15.

Kleinfelder, 1989. Phase II Subsurface Investigation.

LBNL (Lawrence Berkeley National Laboratory), 2009. Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory. April.

M. J. Kloberdanz & Associates, 2000. Phase I Environmental Site Assessment, 1625 – 1635 Chestnut Street, Livermore, California, 94551.

RWQCB (Regional Water Quality Control Board), 2009. *Draft 2009 Active Soil Gas Advisory*. June.

Treadwell & Rollo, 2009. Groundwater Investigation, LASC/MOSC, Livermore, California, LASC/MOSC 2008 Trust. October 29.Alameda County Zone 7 Water Agency, 2007. Preliminary Geologic Map of the Livermore Valley. April.

TABLES

Table 1
Sample Locations & Analyses
Chestnut Street, Livermore, CA

Location	Sample Number	Matrix	Depth bgs (feet)	TPHg & BTEX EnCore Sampler (soil) 8015M	VOCs by US EPA Method TO-15	TPH-Diesel, Motor Oil US EPA Method 8015M	CAM 17 Metals by US EPA Method 6010B	Organo-chlorine Pesticides 8081A	PAHs 8270C	VOCs 8260B
Soil Vapor Samples										
C1	C1-SG	Soil Vapor	5		X					
C2	C2-SG	Soil Vapor	5		X					
C3	C3-SG	Soil Vapor	5		X					
C4	C4-SG	Soil Vapor	5		X					
C5	C5-SG	Soil Vapor	5		X					
Sub-Surface Soil Samples										
C1	C1-2	Soil	2	X		X	X		X	
C1	C1-5	Soil	5	X		X	X		X	
C2	C2-2	Soil	2	X		X	X		X	
C2	C2-5	Soil	5	X		X	X		X	
C2	C2-20	Soil	20	X		X				
C2	C2-30	Soil	30	X		X				
C3	C3-2	Soil	2	X		X	X		X	
C3	C3-5	Soil	5	X		X	X		X	
C3	C3-20	Soil	20	X		X				
C3	C3-30	Soil	30	X		X				
C4	C4-2	Soil	2	X		X	X		X	
C4	C4-5	Soil	5	X		X	X		X	
C5	C5-2	Soil	2	X		X	X		X	
C5	C5-5	Soil	5	X		X	X		X	
C6	C6-2	Soil	2	X		X	X	X	X	
C6	C6-5	Soil	5				X			
C7	C7-2	Soil	2	X		X	X	X	X	
C7	C7-5	Soil	5				X			
C8	C8-2	Soil	2	X		X	X	X	X	
C8	C8-5	Soil	5				X			
C9	C9-2	Soil	2	X		X	X	X	X	
C9	C9-5	Soil	5				X			
C10	C10-2	Soil	2	X		X	X	X	X	
C10	C10-5	Soil	5				X			
C11	C11-2	Soil	2	X		X	X	X	X	
C11	C11-5	Soil	5				X			
C12	C12-2	Soil	2	X		X	X	X	X	
C12	C12-5	Soil	5				X			
C13	C13-2	Soil	2	X		X	X	X	X	
C13	C13-5	Soil	5				X			
C14	C14-2	Soil	2	X		X	X	X	X	
C14	C14-5	Soil	5				X			
Groundwater Samples										
C1	C1GW	Groundwater	48	X		X	X			X
C2	C2GW	Groundwater	49	X		X	X			X
C9	C9GW	Groundwater	43	X		X	X			X
C12	C12GW	Groundwater	45	X		X	X			X
C14	C14GW	Groundwater	46	X		X	X			X

Table 2
Soil Analytical Results - TPH and BTEX
Chestnut Street, Livermore, CA

Chemical of Concern	Residential RSL (µg/kg)	C1-2	C1-5	C2-2	C2-5	C2-20	C2-30	C2-60	C3-2	C3-5	C3-20	C3-30	C3-60	C4-2	C4-5	C4-60	C5-2	C5-5
Benzene	1,100	< 5.1	< 4.6	< 4.3	< 4.1	< 4.9	< 4.5	< 4.1	< 4.6	< 4.4	< 4	< 6.3	< 5.3	< 4.2	< 4.3	< 4.6	< 4.3	< 4.4
Ethylbenzene	5,400	< 5.1	< 4.6	< 4.3	< 4.1	< 4.9	< 4.5	< 4.1	< 4.6	< 4.4	< 4	< 6.3	< 5.3	< 4.2	< 4.3	< 4.6	< 4.3	< 4.4
Toluene	5,000,000	< 5.1	< 4.6	< 4.3	< 4.1	< 4.9	< 4.5	< 4.1	< 4.6	< 4.4	< 4	< 6.3	< 5.3	< 4.2	< 4.3	< 4.6	< 4.3	< 4.4
Xylenes, Total	630,000	< 10	< 9.1	< 8.7	< 8.2	< 9.7	< 9	< 8.2	< 9.1	< 8.8	< 8.1	< 13	< 11	< 8.4	< 8.7	< 9.1	< 8.5	< 8.7
	ESL - Residential (mg/kg)																	
TPH-g	83	< 0.26	< 0.23	< 0.22	< 0.20	< 0.24	< 0.22	< 0.21	< 0.23	< 0.22	< 0.20	< 0.32	< 0.26	< 0.21	< 0.22	< 0.23	< 0.21	< 0.22
TPH-d	83	**7.9**	**100**	**27**	< 0.99	< 0.99	< 1	**32**	**39**	**110 J**	< 1	< 1	< 0.99 UJ	< 1	**140**	< 0.99	**2.1**	**10**
TPH-mo	370	< 49	**570**	**150**	< 49	< 50	< 50	**210**	**140**	**470 J**	< 50	< 50	< 50 UJ	< 50	**670**	< 49	< 50	**130**

Table 2
Soil Analytical Results - TPH and BTEX
Chestnut Street, Livermore, CA

Chemical of Concern	Residential RSL (µg/kg)	C6-2	C7-2	C8-2	C9-2	C9-60	C10-2	C11-2	C12-2	C13-2	C14-2
Benzene	1,100	< 4.7	< 5.1	< 4.3	< 6.1	< 5.1	< 5.4	< 4.3	< 4.4	< 4.3	< 4.4
Ethylbenzene	5,400	< 4.7	< 5.1	< 4.3	< 6.1	< 5.1	< 5.4	< 4.3	< 4.4	< 4.3	< 4.4
Toluene	5,000,000	< 4.7	< 5.1	< 4.3	< 6.1	< 5.1	< 5.4	< 4.3	< 4.4	< 4.3	< 4.4
Xylenes, Total	630,000	< 9.5	< 10	< 8.7	< 12	< 10	< 11	< 8.5	< 8.8	< 8.6	< 8.7
	ESL - Residential (mg/kg)										
TPH-g	83	< 0.24	< 0.25	< 0.22	< 0.30	< 0.26	< 0.27	< 0.21	< 0.22	< 0.22	< 0.22
TPH-d	83	**38**	**45 J**	**12**	< 0.99	< 0.99	< 0.99	< 1	< 0.99	< 0.99	**1.7**
TPH-mo	370	**210**	**280 J**	**53**	< 49	< 50	< 49	< 50	< 50	< 49	< 50

Notes:

BTEX results in µg/kg.
TPH results in mg/kg.
C9-60 is a field duplicate of C9-2.
C2-60 is a field duplicate of C2-5.
C4-60 is a field duplicate of C4-2.
CHHSL = California Human Health Screening Level from the Office of Environmental Health Hazard Assessment (OEHHA).
RSL = Regional Screening Level from the U.S. Environmental Protection Agency (U.S. EPA).
ESL = Environmental Screening Levels, California Regional Water Quality Control Board, SF Bay Region.
mg/kg = milligrams per kilogram (parts per million).
µg/kg = micrograms per kilogram (parts per billion).
NV = No RSL, CHHSL, ESL available for this compound.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
Less than sign (<) indicates that the analyte was not detected above the laboratory reporting limit.
Shaded concentrations indicate that the concentration exceeds the CHSSL or RSL.
J = estimated concentration.
UJ = estimated reporting limit.

Table 3
Soil Analytical Results - Metals (mg/kg)
Chestnut Street, Livermore, CA

Chemical of Concern	CHHSL Residential (mg/kg)	Residential RSL (mg/kg)	C1-2	C1-5	C2-2	C2-5	C2-60	C3-2	C3-5	C3-60	C4-2	C4-5	C5-2	C5-5	C6-2	C6-5	C6-60	C7-2	C7-5
Antimony	30	31	< 2.0 UJ	< 2.1 UJ	< 1.9 UJ	< 1.9 UJ	< 2.0 UJ	< 2	< 2	< 2	< 1.9 UJ	< 2.0 UJ	< 1.9 UJ	< 1.9 UJ	< 2	< 2.1 UJ	< 2.0 UJ	< 1.9 UJ	< 2.0
Arsenic	0.07	0.39	**4.1 J**	**4.5 J**	**14 J**	**5.6 J**	< 4.1 UJ	< 4.1	< 4	< 4	**4.5 J**	< 4.0 UJ	**5.7 J**	**5.0 J**	< 4.1	< 4.2	**5.4**	**4.5**	**5.1**
Barium	5,200	15,000	**160 J**	**140 J**	**120 J**	**130 J**	**110 J**	**110**	**86**	**92**	**200 J**	**85 J**	**230 J**	**180 J**	**120**	**140 J**	**180 J**	**200 J**	**190 J**
Beryllium	160	160	< 0.41 UJ	< 0.42 UJ	< 0.38 UJ	< 0.38 UJ	< 0.41 UJ	< 0.41	< 0.4	< 0.4	< 0.38 UJ	< 0.4 UJ	< 0.38 UJ	< 0.38 UJ	< 0.41	< 0.42	< 0.41	< 0.39	< 0.4
Cadmium	1.7	70	< 0.51 UJ	< 0.52 UJ	< 0.48 UJ	< 0.48 UJ	< 0.51 UJ	< 0.51	< 0.5	< 0.5	< 0.48 UJ	< 0.51 UJ	< 0.48 UJ	< 0.48 UJ	< 0.51	< 0.52	< 0.51	< 0.49	< 0.5
Chromium	100,000	120,000	**52 J**	**60 J**	**41 J**	**45 J**	**21 J**	**39**	**34**	**46**	**64 J**	**33 J**	**120 J**	**63 J**	**43**	**66 J**	**69 J**	**61 J**	**83**
Cobalt	660	23	**14 J**	**15 J**	**11 J**	**12 J**	**9.6 J**	**9.1**	**8.3**	**8.3**	**16 J**	**6.6 J**	**19 J**	**18 J**	**11**	**15**	**11**	**15**	**22**
Copper	3,000	3,100	**28 J**	**30 J**	**32 J**	**24 J**	**20 J**	**23**	**20**	**23**	**35 J**	**15 J**	**37 J**	**33 J**	**22**	**25**	**30**	**30**	**33**
Lead	80	400	**8.5 J**	**7.2 J**	**18 J**	**6.7 J**	**10 J**	**7.7**	**6**	**5.1**	**7.9 J**	**4.1 J**	**8.3 J**	**8.9 J**	**6.9**	**6.2**	**6.1**	**12**	**8.3**
Molybdenum	380	390	< 2.0 UJ	< 2.1 UJ	< 1.9 UJ	< 1.9 UJ	< 2.0 UJ	< 2	< 2	< 2	< 1.9 UJ	< 2.0 UJ	< 1.9 UJ	< 1.9	< 2	< 2.1	< 2.0	< 1.9	< 2.0
Nickel	1,600	1,500	**100 J**	**130 J**	**88 J**	**96 J**	**38 J**	**67**	**65**	**68**	**120 J**	**57 J**	**170 J**	**150 J**	**110**	**160**	**130**	**130**	**250**
Selenium	380	390	< 4.1 UJ	< 4.2 UJ	< 3.8 UJ	< 3.8 UJ	< 4.1 UJ	< 4.1	< 4	< 4	< 3.8 UJ	< 4.0 UJ	< 3.8 UJ	< 3.8 UJ	< 4.1	< 4.2	< 4.1	< 3.9	< 4.0
Silver	380	390	< 1.0 UJ	< 1.0 UJ	< 0.95 UJ	< 0.96 UJ	< 1.0 UJ	< 1	< 0.99	< 1	< 0.95 UJ	< 1.0 UJ	< 0.96 UJ	< 0.95 UJ	< 1	< 1.0	< 1.0	< 0.97	< 1.0
Thallium	5	NV	< 2.0 UJ	< 2.1 UJ	< 1.9 UJ	< 1.9 UJ	< 2.0 UJ	< 2	< 2	< 2	< 1.9 UJ	< 2.0 UJ	< 1.9 UJ	< 1.9 UJ	< 2	< 2.1	< 2.0	< 1.9	< 2.0
Vanadium	530	390	**24 J**	**26 J**	**20 J**	**20 J**	**18 J**	**24**	**21**	**24**	**27 J**	**17 J**	**30 J**	**26 J**	**21**	**26**	**23**	**27**	**30**
Zinc	23,000	23,000	**45 J**	**44 J**	**52 J**	**39 J**	**30 J**	**38**	**35**	**34**	**50 J**	**25 J**	**49 J**	**50 J**	**37**	**44**	**39**	**48**	**48**
Mercury	18	5.6	**0.032 J**	**0.051 J**	**0.072 J**	**0.049 J**	**0.27 J**	**0.031**	**0.027**	**0.027**	**0.029 J**	**0.031 J**	**0.067 J**	**0.075 J**	**0.04**	**0.061**	**0.048**	**0.32**	**0.056**

Table 3
Soil Analytical Results - Metals (mg/kg)
Chestnut Street, Livermore, CA

Chemical of Concern	CHHSL Residential (mg/kg)	Residential RSL (mg/kg)	C8-2	C8-5	C9-2	C9-5	C9-60	C10-2	C10-5	C11-2	C11-5	C12-2	C12-5	C13-2	C13-5	C13-60	C14-2	C14-5	C14-60
Antimony	30	31	< 2.1 UJ	< 2.0 UJ	< 2.1	< 2.1 UJ	< 2.0	< 2.0 UJ	< 2.0 UJ	< 2.1 UJ	< 2.0 UJ	< 2.1 UJ	< 1.9 UJ	< 2.0 UJ	< 2.0 UJ	< 2.1 UJ	< 2.0 UJ	< 2.0 UJ	< 2.0 UJ
Arsenic	0.07	0.39	**5.8**	**5.5**	**5.5**	**5.2**	**4.9**	**5.6**	**4.6**	**5.9**	**4.7**	**6.4**	< 3.8	**6.3**	**4.7**	**5.9**	**6.4**	< 4.0	**4.4**
Barium	5,200	15,000	**230 J**	**210 J**	**230**	**190 J**	**210**	**220 J**	**160 J**	**200 J**	**120 J**	**260 J**	**110 J**	**240 J**	**170 J**	**220 J**	**240 J**	**110 J**	**170 J**
Beryllium	160	160	< 0.42	< 0.4	< 0.41	< 0.41	< 0.4	< 0.4	< 0.4	< 0.41	< 0.41	< 0.41	< 0.38	< 0.4	< 0.4	**0.79**	**1.0**	< 0.4	< 0.41
Cadmium	1.7	70	< 0.52	< 0.51	< 0.52	< 0.52	< 0.5	< 0.5	< 0.51	< 0.52	< 0.51	< 0.52	< 0.48	< 0.5	< 0.5	< 0.53	< 0.5	< 0.51	< 0.51
Chromium	100,000	120,000	**84 J**	**86 J**	**82**	**210 J**	**71**	**76 J**	**71 J**	**88 J**	**160 J**	**94 J**	**49 J**	**90 J**	**83 J**	**100 J**	**100 J**	**52 J**	**64 J**
Cobalt	660	23	**19**	**19**	**20**	**15**	**17**	**17**	**14**	**19**	**27**	**31**	**12**	**20**	**15**	**19**	**18**	**17**	**14**
Copper	3,000	3,100	**40**	**36**	**37**	**32**	**34**	**33**	**28**	**41**	**20**	**40**	**21**	**38**	**28**	**34**	**35**	**20**	**30**
Lead	80	400	**9.5**	**8.9**	**8.4**	**11**	**7.5**	**12**	**8.0**	**9.7**	**5.4**	**9.3**	**4.9**	**9.5**	**7.0**	**10**	**10**	**5.0**	**10**
Molybdenum	380	390	< 2.1	< 2.0	< 2.1	**30**	< 2.0	< 2.0	< 2.0	< 2.1	< 2.0	< 2.1	< 1.9	< 2.0	< 2.0	< 2.1	< 2	2.5 UJ	< 2.0 UJ
Nickel	1,600	1,500	**160**	**170**	**160**	**140**	**140**	**140**	**150**	**170**	**360**	**350**	**140**	**200**	**170**	**180**	**190**	**160**	**120**
Selenium	380	390	< 4.2	< 4.0	< 4.1	< 4.1	< 4.0	< 4.0	< 4.0	< 4.1	< 4.1	< 4.1	< 3.8	< 4.0	< 4.0	< 4.2	< 4	< 4	< 4.1
Silver	380	390	< 1.0	< 1.0	< 1.0	< 1.0	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.96	< 1.0	< 0.99	< 1.1	< 0.99	< 1.0	< 1.0
Thallium	5	NV	< 2.1	< 2.0	< 2.1	< 2.1	< 2.0	< 2.0	< 2.0	< 2.1	< 2.0	< 2.1	< 1.9	< 2.0	< 2.0	< 2.1	< 2	< 2	< 2.0
Vanadium	530	390	**37**	**34**	**36**	**31**	**31**	**34**	**28**	**36**	**22**	**35**	**20**	**36**	**28**	**37**	**33**	**19**	**27**
Zinc	23,000	23,000	**53**	**53**	**54**	**44**	**48**	**58**	**47**	**57**	**42**	**54**	**35**	**56**	**51**	**53**	**53**	**34**	**47**
Mercury	18	5.6	**0.041**	**0.087**	**0.035**	**0.028**	**0.043**	**0.054**	**0.066**	**0.079**	**0.034**	**0.06**	**0.047**	**0.048**	**0.058**	**0.052**	**0.056**	**0.098 J**	**0.037 J**

Notes:
C3-60 is a field duplicate of C3-5.
C6-60 is a field duplicate of C6-5.
C9-60 is a field duplicate of C9-2.
C13-60 is a field duplicate of C13-5.
C14-60 is a field duplicate of C14-5.
C2-60 is a field duplicate of C2-2.
CHHSL = California Human Health Screening Level from the Office of Environmental Health Hazard Assessment (OEHHA).
RSL = Regional Screening Level from the U.S. Environmental Protection Agency (U.S. EPA).
mg/kg = milligrams per kilogram (parts per million).
NV = No RSL, CHHSL available for this compound.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
Less than sign (<) indicates that the analyte was not detected above the laboratory reporting limit.
Shaded concentrations indicate that the concentration exceeds the CHSSL or RSL.
J = estimated concentration.
UJ = estimated reporting limit.

Table 4
Soil Analytical Results - PAHs (µg/kg)
Chestnut Street, Livermore, CA

Chemical of Concern	RSL Residential (µg/kg)	CHHSL Residential (µg/kg)	C1-2	C1-5	C2-2	C2-5	C2-60	C3-2	C3-5	C3-60	C4-2	C4-5	C5-2	C5-5	C6-2	C7-2	C8-2
Acenaphthene	3.40E+06	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Acenaphthylene	NV	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Anthracene	1.70E+07	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Benzo[a]anthracene	150	NV	< 9.9	< 25	**8.7**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Benzo[a]pyrene	15	38	< 9.9	< 25	**11**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Benzo[b]fluoranthene	150	NV	< 9.9	< 25	**14**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Benzo[g,h,i]perylene	NV	NV	< 9.9	< 25	**9**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Benzo[k]fluoranthene	1500	NV	< 9.9	< 25	**9.5**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Chrysene	15000	NV	< 9.9	< 25	**11**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Dibenz(a,h)anthracene	15	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Fluoranthene	2.30E+06	NV	< 9.9	< 25	**11**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Fluorene	2.30E+06	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Indeno[1,2,3-cd]pyrene	150	NV	< 9.9	< 25	**6.1**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Naphthalene	3600	NV	< 9.9	< 25	< 5	< 5	< 10	**36**	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Phenanthrene	NV	NV	< 9.9	< 25	< 5	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5
Pyrene	1.70E+06	NV	< 9.9	< 25	**16**	< 5	< 10	< 9.9	< 25	< 5	< 5	< 25	< 5	< 10	< 50	< 25	< 5

Table 4
Soil Analytical Results - PAHs (µg/kg)
Chestnut Street, Livermore, CA

Chemical of Concern	RSL Residential (µg/kg)	CHHSL Residential (µg/kg)	C9-2	C9-60	C10-2	C10-60	C11-2	C12-2	C13-2	C14-2
Acenaphthene	3.40E+06	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Acenaphthylene	NV	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Anthracene	1.70E+07	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Benzo[a]anthracene	150	NV	< 5	< 4.9	< 4.9	**16 J**	< 5	< 4.9	< 5	< 5
Benzo[a]pyrene	15	38	< 5	< 4.9	< 4.9	**21 J**	< 5	< 4.9	< 5	< 5
Benzo[b]fluoranthene	150	NV	< 5	< 4.9	< 4.9	**31 J**	< 5	< 4.9	< 5	< 5
Benzo[g,h,i]perylene	NV	NV	< 5	< 4.9	< 4.9	**13**	< 5	< 4.9	< 5	< 5
Benzo[k]fluoranthene	1500	NV	< 5	< 4.9	< 4.9	**14**	< 5	< 4.9	< 5	< 5
Chrysene	15000	NV	< 5	< 4.9	< 4.9	**22 J**	< 5	< 4.9	< 5	< 5
Dibenz(a,h)anthracene	15	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Fluoranthene	2.30E+06	NV	< 5	< 4.9	< 4.9	**20 J**	< 5	< 4.9	< 5	< 5
Fluorene	2.30E+06	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Indeno[1,2,3-cd]pyrene	150	NV	< 5	< 4.9	< 4.9	**10**	< 5	< 4.9	< 5	< 5
Naphthalene	3600	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Phenanthrene	NV	NV	< 5	< 4.9	< 4.9	< 9.9	< 5	< 4.9	< 5	< 5
Pyrene	1.70E+06	NV	< 5	< 4.9	< 4.9	**31 J**	< 5	< 4.9	< 5	< 5

Notes:
C6-60 is a field duplicate of C6-5.
C9-60 is a field duplicate of C9-2.
C10-60 is a field duplicate of C10-2 for PAHs only.
C13-60 is a field duplicate of C13-5.
C14-60 is a field duplicate of C14-5.
C2-60 is a field duplicate of C2-2.
CHHSL = California Human Health Screening Level from the Office of Environmental Health Hazard Assessment (OEHHA).
RSL = Regional Screening Level from the U.S. Environmental Protection Agency (U.S. EPA).
mg/kg = milligrams per kilogram (parts per million).
NV = No RSL, CHHSL, ESL available for this compound.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
Less than sign (<) indicates that the analyte was not detected above the laboratory reporting limit.
Shaded concentrations indicate that the concentration exceeds the CHSSL or RSL.
J = estimated concentration.

Table 5
Soil Analytical Data - Pesticides (µg/kg)
Chestnut Street, Livermore, CA

Chemical of Concern	CHHSL Residential (µg/kg)	Residential RSL (µg/kg)	C6-2	C7-2	C7-60	C8-2	C9-2	C9-60	C10-2	C11-2	C12-2	C13-2	C14-2
4,4'-DDD	2300	2000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4,4'-DDE	1600	1400	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
4,4'-DDT	1600	1700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Aldrin	33	29	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
alpha-BHC	NV	77	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
alpha-Chlordane	NV	NV	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
beta-BHC	NV	270	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlordane (technical)	430	1600	< 40	< 40	< 40	< 39	< 40	< 40	< 39	< 40	< 39	< 40	< 40
delta-BHC	NV	NV	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Dieldrin	35	30	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endosulfan I	NV	370000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endosulfan II	NV	370000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endosulfan sulfate	NV	370000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endrin	21000	18000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endrin aldehyde	NV	NV	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Endrin ketone	NV	NV	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
gamma-BHC (Lindane)	500	520	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
gamma-Chlordane	NV	NV	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Heptachlor	130	110	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Heptachlor epoxide	NV	53	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Methoxychlor	340000	310000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toxaphene	460	440	< 40	< 40	< 40	< 39	< 40	< 40	< 39	< 40	< 39	< 40	< 40

Notes:

C7-60 is a field duplicate of C7-2 for pesticides only.
C9-60 is a field duplicate of C9-2.
CHHSL = California Human Health Screening Level from the Office of Environmental Health Hazard Assessment (OEHHA).
RSL = Regional Screening Level from the U.S. Environmental Protection Agency (U.S. EPA).
mg/kg = milligrams per kilogram (parts per million).
NV = No RSL, CHHSL, ESL available for this compound.
Less than sign (<) indicates that the analyte was not detected above the laboratory reporting limit.

Table 6
Field Parameters and Groundwater Depth
Chestnut Street, Livermore, CA

Boring	Depth to Water Initial (ft)	Temperature (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)
C-1	48.0	19.26	1.017	7.43	7.61	80.5
C-2	49.0	18.39	0.912	7.81	7.65	16.5
C-9	43.0	19.22	0.978	6.48	7.70	23.8
C-12	45.0	19.50	1.028	6.90	7.31	66.6
C-14	46.0	18.21	1.045	8.56	7.14	179.5

Notes:

ft = feet
°C = degrees Celcius
mS/cm = miliSiemens per centimeter
DO = Dissolved Oxygen
mg/L = miligrams per liter
ORP = Oxidation Reduction Potential

Table 7
Groundwater Analytical Data TPH (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	ESL (Residential) µg/L	C1GW	C2GW	C9GW	C12GW	C14GW	C20GW
TPH-g	100	< 50	< 50	< 50	< 50	< 50	< 50
TPH-d	100	< 55	**130**	**72**	< 62	**69**	**82**
TPH-mo	370	< 110	**400**	**190**	**120**	**120**	**200**

Notes:

C20GW is a field duplicate of C2GW.
ESL = Environmental Screening Levels, California Regional Water Quality Control Board, San Francisco Bay Area.
µg/L = micrograms per liter.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
Shaded concentrations indicate that the analyte concentration exceeds the ESL.

Table 8
Groundwater Analytical Results - Metals (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	CDHS MCLs (µg/L)	C1GW	C2GW	C9GW	C12GW	C14GW	C20GW
Antimony	0.006	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Arsenic	0.010	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Barium	1	**0.43**	**0.47**	**1.2**	**0.35**	**0.3**	**0.57**
Beryllium	0.004	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Cadmium	0.005	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chromium	0.05	**0.015**	**0.086**	**0.029**	< 0.01	< 0.01	**0.1**
Cobalt	NV	**0.011**	**0.024**	**0.031**	**0.0023**	**0.0087**	**0.042**
Copper	1.3	< 0.02	**0.044**	**0.039**	< 0.02	< 0.02	**0.043**
Lead	0.015	**0.0051**	**0.0059**	**0.0094**	< 0.005	< 0.005	**0.0099**
Molybdenum	NV	**0.01**	**0.015**	**0.016**	< 0.01	**0.034**	**0.012**
Nickel	0.1	**0.081**	**0.27**	**0.15**	**0.016**	**0.055**	**0.39**
Selenium	0.05	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Silver	NV	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Thallium	0.002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Vanadium	NV	**0.011**	**0.035**	**0.022**	< 0.01	< 0.01	**0.041**
Zinc	NV	< 0.02	**0.042**	**0.029**	< 0.02	< 0.02	**0.056**
Mercury	0.002	< 0.0002	< 0.0002	**0.0005**	< 0.0002	< 0.0002	**0.0002**

Notes:

C20GW is a field duplicate of C2GW.
CDHSMCL = California Department of Health Services, Maximum Contaminant Level.
µg/L = micrograms per liter.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
Shaded concentrations indicate that the analyte concentration exceeds the ESL.

Table 9
Groundwater Analytical Results - VOCs (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	CDHS MCLs (µg/L)	C1GW	C2GW	C9GW	C12GW	C14GW	C20GW
1,1,1,2-Tetrachloroethane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1-Trichloroethane	200	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloro-1,2,2-trifluoroethane	1,200	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloroethane	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloroethene	6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloropropene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	5	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4-Trimethylbenzene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dibromo-3-Chloropropane	0.2	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	600	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3,5-Trimethylbenzene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane	NV	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Butanone (MEK)	NV	< 50	< 50	< 50	< 50	< 50	< 50
2-Chlorotoluene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Hexanone	NV	< 50	< 50	< 50	< 50	< 50	< 50
4-Chlorotoluene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Isopropyltoluene	NV	< 1	< 1	< 1	< 1	< 1	< 1
4-Methyl-2-pentanone (MIBK)	NV	< 50	< 50	< 50	< 50	< 50	< 50
Acetone	NV	< 50	< 50	< 50	< 50	< 50	< 50 UJ
Benzene	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromobenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	NV	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	NV	< 1	< 1	< 1	< 1	< 1	< 1
Carbon disulfide	NV	< 5	< 5	< 5	< 5	< 5	< 5
Carbon tetrachloride	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobromomethane	NV	< 1	< 1	< 1	< 1	< 1	< 1
Chlorodibromomethane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chloroethane	NV	< 1	< 1	< 1	< 1	< 1	< 1

Table 9
Groundwater Analytical Results - VOCs (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	CDHS MCLs (µg/L)	C1GW	C2GW	C9GW	C12GW	C14GW	C20GW
Chloroform	NV	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane	NV	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorobromomethane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	300	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylene Dibromide	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Gasoline Range Organics (GRO)-C5-C12	NV	< 50	< 50	< 50	< 50	< 50	< 50
Hexachlorobutadiene	NV	< 1	< 1	< 1	< 1	< 1	< 1
Isopropylbenzene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl tert-butyl ether	13	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	NV	< 1	< 1	< 1	< 1	< 1	< 1
n-Butylbenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
N-Propylbenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
sec-Butylbenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
tert-Butylbenzene	NV	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	5	**13**	**14**	**15**	**2.4**	**13**	**12**
Toluene	150	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,2-Dichloroethene	10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	NV	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	5	**0.71**	< 0.5	**0.53**	< 0.5	**0.98**	< 0.5
Trichlorofluoromethane	150	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl acetate	NV	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl chloride	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes, Total	1,750	< 1	< 1	< 1	< 1	< 1	< 1

Notes:

C20GW is a field duplicate of C2GW.
CDHSMCL = California Department of Health Services, Maximum Contaminant Level.
µg/L = micrograms per liter.
VOCs = volatile organic compounds.
UJ = estimated reporting limit.
Shaded concentrations indicate that the analyte concentration exceeds the CDHS MCL.

Table 10
Soil Gas Analytical Results (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	CHHSL Residential (µg/L)	C1-SG	C2-SG	C3-SG	C4-SG	C5-SG	C6-SG*
Propylene	NV	**0.056**	**0.082**	**0.0057**	**0.17**	**0.55**	<.0015
Freon 12	NV	<.0044	<.005	<.0043	<.0046	<.0045	<.0043
Freon 114	NV	<.0062	<.0064	<.006	<.0066	<.0063	<.006
Chloromethane	NV	<.0018	<.0019	<.0018	<.0019	<.0019	<.0018
Vinyl Chloride	0.013	<.0023	<.0023	<.0022	<.0024	<.0023	<.0022
1,3-Butadiene	NV	**0.0096**	<.002	<.0019	**0.014**	**0.077**	<.0019
Bromomethane	NV	<.0034	<.0036	<.0034	<.0036	<.0035	<.0034
Chloroethane	NV	<.0023	<.0024	<.0023	<.0025	<.0024	<.0023
Trichlorofluoromethane	NV	<.005	<.0051	<.0049	<.0053	<.0051	<.0049
Acrolein	NV	<.0082	<.0084	<.0079	<.0086	<.0083	<.0079
1,1-Dichloroethene	NV	<.0035	<.0036	<.0034	<.0037	<.0036	<.0034
Freon 113	NV	<.0068	<.007	<.0023	<.0072	<.0069	<.0066
Acetone	NV	**0.027**	**0.013**	<.0049	**0.02**	**0.039**	<.0082
Carbon Disulfide	NV	<.0028	<.0028	<.0079	<.0029	**0.0056**	<.0027
Methylene Chloride	NV	<.0031	<.0032	<.0034	<.0033	<.0031	<.0030
trans-1,2-Dichloroethene	32	<.0035	<.0036	<.0066	<.0037	<.0036	<.0034
n-Hexane	NV	**0.0037**	**0.11**	<.0082	**0.0071**	**0.023**	<.0030
1,1-Dichloroethane	NV	<.0036	<.0037	<.0027	<.0038	<.0037	<.0035
Vinyl Acetate	NV	<.0031	<.0032	<.003	<.0033	<.0032	<.003
cis-1,2-Dichloroethene	16	<.0035	<.0036	<.0034	<.0037	<.0036	<.0034
2-Butanone	NV	**0.0062**	<.0027	<.0026	**0.0036**	**0.0096**	<.0026
Ethyl Acetate	NV	<.0032	<.0045	<.0031	<.0034	<.0033	<.0031
Tetrahydrofuran	NV	<.0026	<.005	<.0026	<.0028	<.0027	<.0026
Chloroform	NV	<.0043	<.0045	<.0042	<.0046	<.0044	<.0042
1,1,1-Trichloroethane	990	<.0048	<.005	<.0047	<.0051	<.0049	<.0047
Cyclohexane	NV	**0.017**	**0.021**	<.003	**0.028**	**0.025**	<.003
Carbon Tetrachloride	0.025	<.0056	<.0058	<.0054	<.0059	<.0057	<.0054
Benzene	0.036	**0.0089**	**0.0054**	<.0028	**0.014**	**0.04**	<.0028
1,2-Dichloroethane	0.05	<.0036	<.0037	<.0035	<.0038	<.0037	<.0035
n-Heptane	NV	**0.0041**	**0.032**	<.0035	**0.0062**	**0.015**	<.0035
Trichloroethene	0.53	<.0048	<.0049	<.0046	<.0051	<.0049	<.0046
1,2-Dichloropropane	NV	<.0041	<.0042	<.004	<.0043	<.0042	<.0040
Bromodichloromethane	NV	<.0059	<.0061	<.0058	<.0063	<.0061	<.0058
cis-1,3-Dichloropropene	NV	<.004	<.0042	<.0039	<.0043	<.0041	<.0039
4-Methyl-2-Pentanone	NV	<.0036	<.0037	<.0035	<.0039	<.0037	<.0035
Toluene	140	**0.018**	**0.0061**	<.0033	**0.016**	**0.078**	<.0033
trans-1,3-Dichloropropene	NV	<.004	<.0042	<.0039	<.0043	<.0041	<.0039
1,1,2-Trichloroethane	NV	<.0048	<.005	<.0047	<.0051	<.0049	<.0047
Tetrachloroethene	0.18	<.006	**0.0063**	**0.046**	**0.049**	**0.035**	**0.046**
2-Hexanone	NV	<.0036	<.0037	<.0035	<.0039	<.0037	<.0035
Dibromochloromethane	NV	<.0075	<.0078	<.0074	<.008	<.0077	<.0074
1,2-Dibromoethane	NV	<.0068	<.007	<.0066	<.0072	<.007	<.0066
Chlorobenzene	NV	<.0041	<.0042	<.004	<.0043	<.0042	<.0040
Ethylbenzene	postponed	**0.0064**	<.004	<.0038	**0.056**	**0.061**	<.0038

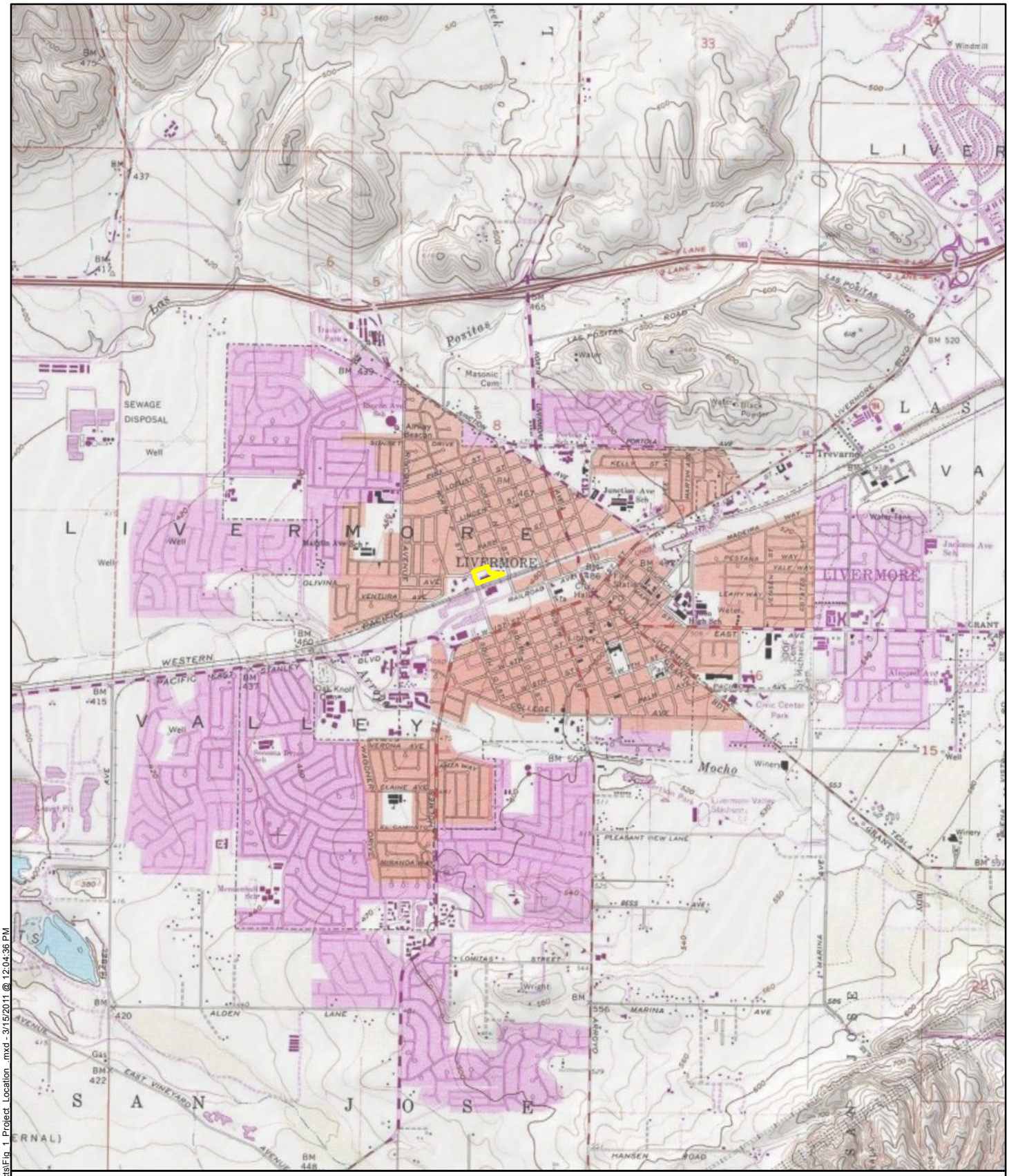
Table 10
Soil Gas Analytical Results (µg/L)
Chestnut Street, Livermore, CA

Chemical of Concern	CHHSL Residential (µg/L)	C1-SG	C2-SG	C3-SG	C4-SG	C5-SG	C6-SG*
m,p-Xylenes	320	**0.019**	<.004	<.0038	**0.014**	**0.15**	<.0038
o-Xylene	320	**0.0052**	<.004	<.0038	<.0041	**0.03**	<.0038
Styrene	NV	<.0038	<.0039	<.0037	<.0040	<.0039	<.0037
Bromoform	NV	**0.01**	**0.0098**	<.0089	**0.027**	**0.022**	<.0089
1,1,2,2-Tetrachloroethane	NV	<.0061	<.0063	<.0059	<.0065	<.0062	<.0059
4-Ethyltoluene	NV	<.0044	<.0045	<.0043	<.0046	<.0044	<.0043
1,3,5-Trimethylbenzene	NV	<.0044	<.0045	<.0043	<.0046	<.0044	<.0043
1,2,4-Trimethylbenzene	NV	<.0044	<.0045	<.0043	<.0046	<.0044	<.0043
1,3-Dichlorobenzene	NV	<.0053	<.0055	<.0052	<.0057	<.0054	<.0052
1,4-Dichlorobenzene	NV	<.0053	<.0055	<.0052	<.0057	<.0054	<.0052
Benzyl chloride	NV	<.0046	<.0047	<.0045	<.0049	<.0047	<.0045
1,2-Dichlorobenzene	NV	<.0053	<.0055	<.0052	<.0057	<.0054	<.0052
1,2,4-Trichlorobenzene	NV	<.0066	<.0068	<.0064	<.007	<.0067	<.0064
Hexachlorobutadiene	NV	<.0094	<.0098	<.0092	<.01	<.0097	<.0092
Helium (ppmv)	-	<1,800	<1,800	<1,700	<1,900	<1,800	<13,000

Notes:

*C6-SG = Field duplicate of C3-SG.
µg/L = micrograms/liter.
CHHSL = California Human Health Screening Level from the Office of Environmental.
Health Hazard Assessment (OEHHA).
NV = No CHHSL available for this compound.
Bold concentrations indicate that the analyte was detected above the laboratory reporting limit.
ND = the analyte was not detected above the laboratory reporting limit.
Shaded concentrations indicate that the concentration exceeds the CHSSL or ESL.

FIGURES



PROJECT LOCATION

March 2011
28067905

Chestnut Street Site
Livermore, California

URS

FIGURE 1

U:\GIS\Livermore_Chestnut_St\Projects\Fig_1_Project_Location_.mxd - 3/15/2011 @ 12:04:36 PM

Sample locations
Study area
Approximate location of former gas station
8'x8' Geophysical anomaly

N

0 25 50 FEET

SAMPLE LOCATIONS

March 2011
28067905

Chestnut Street Site
Livermore, California

FIGURE 2

Sources: Aerial imagery, Digital Globe, 2009.

U:\GIS\Livermore_Chestnut_St\Projects\Fig_2_Sample_locations.mxd 3/18/2011 2:01:31 PM

Sample locations

Study area

Approximate location of former gas station

8'x8' Geophysical anomaly

(5.0'): depth of sample collection below ground surface.
* Denotes duplicate sample C2-60

N

0 25 50 FEET

TPH DETECTIONS IN SOIL (mg/kg)

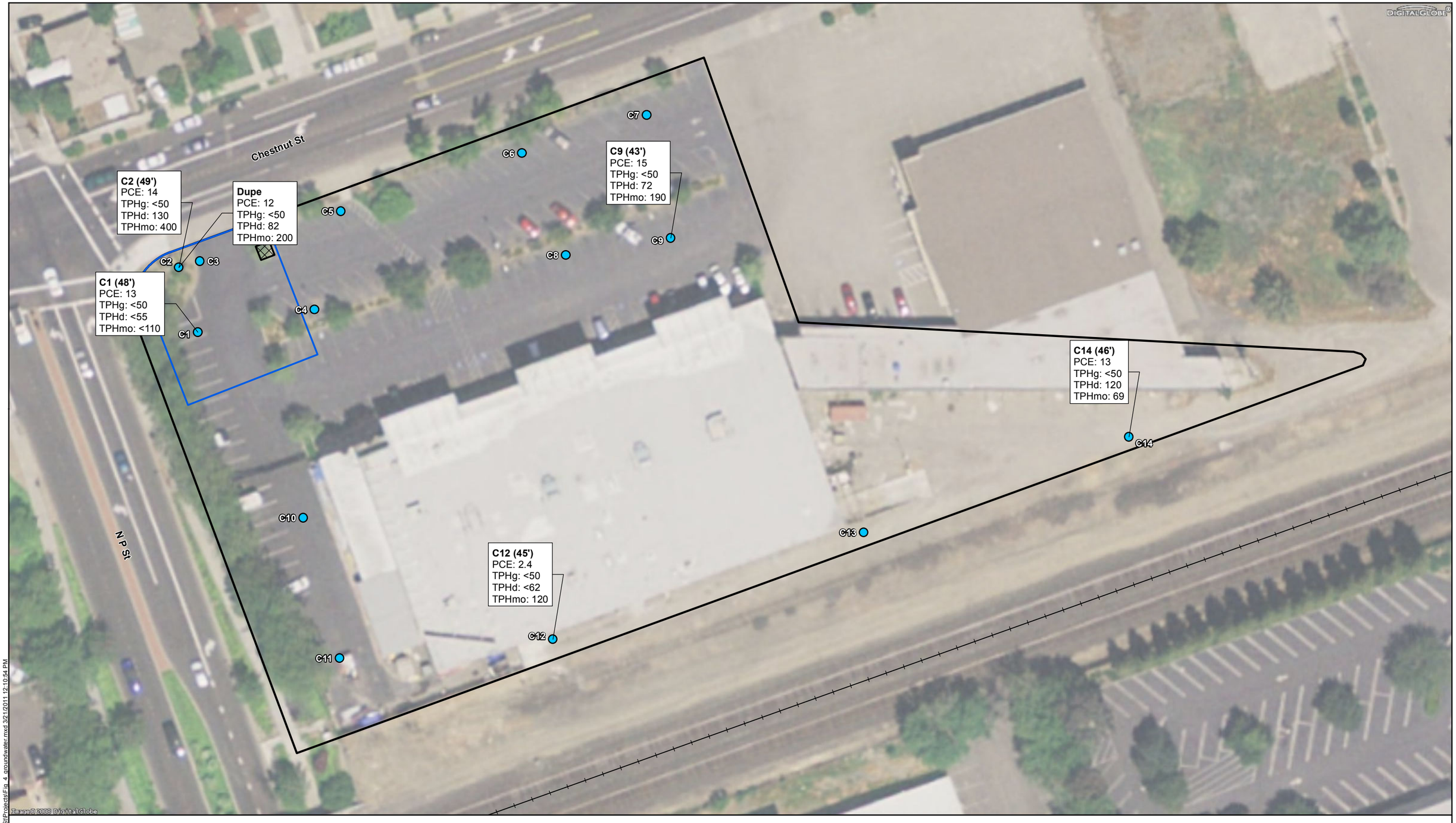
March 2011
28067905

Chestnut Street Site
Livermore, California

FIGURE 3

U:\GIS\Livermore_Chestnut_St\Projects\Fig_3_TPH_soil.mxd 3/22/2011 3:24:24 PM

Sources: Aerial imagery, Digital Globe, 2009.



Sample locations

Study area

Approximate location of former gas station

8'x8' Geophysical anomaly

(45'): Depth to Groundwater (bgs)

N

0 25 50 FEET

GROUNDWATER PCE AND TPH RESULTS (µg/L)

March 2011
28067905

Chestnut Street Site
Livermore, California

FIGURE 4

U:\GIS\Livermore_Chestnut_St\Projects\Fig_4_groundwater.mxd 3/21/2011 12:10:54 PM

Sources: Aerial imagery, Digital Globe, 2009.

APPENDIX A
LAB REPORT, DATA VALIDATION, AND CHAIN-OF-CUSTODY

This page intentionally left blank.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33357

SAMPLES: C3-20, C3-30, C7-2, C9-2, C9-60, C8-2, C10-2, C11-2, C12-2, C13-2, C14-2

MATRIX: Soil

Analysis	BTEX/Gasoline Range (C5-C12) 8260B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	NA
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C9-60 and C9-2)	✓
Trip/Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33357

SAMPLES: C3-20, C3-30, C7-2, C9-2, C9-60, C8-2, C10-2, C11-2, C12-2, C13-2, C14-2

MATRIX: Soil

Analysis	Diesel Range Organic (C10-C28) Motor Oil Range Organic (C24-C36) 8015B
Holding Time	✓
Surrogate Recovery	Note 1
MS/MSD	Note 2
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C9-2 and C9-60)	✓
Field/Equipment Blanks	NA
Reporting Limits	Note 3

✓ – QC criteria were met.

Notes:

1. There was no recovery (0%) of the surrogate p-terphanyl in sample C7-2. The reported concentrations of both diesel and motor oil range organics were flagged "J," estimated.
2. The sample spiked for the MS/MSD was not from this project and did not reflect the matrix of the samples.
3. In order to quantitate these analytes, sample C7-2 was diluted by a factor of 5. Reporting limits were increased by the same factor. The reported concentrations exceeded the elevated reporting limits.

Summary:

Based on this Level III validation, these data are usable, as qualified, for their intended purpose. None of these data were rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33357

SAMPLES: C6-5, C6-60, C7-2, C7-5, C9-2, C9-60, C8-2, C8-5, C9-5, C10-2, C10-5, C11-2, C11-5, C12-2, C12-5, C13-2, C13-5, C13-60, C14-2, C14-10, C14-60, C14-5

MATRIX: Soil

Analysis	CAM 17 Metals 6010B/Hg by 7471
Holding Time	✓
MS/MSD (C10-5, C14-5)	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C6-5 and C6-60; C9-2 and C9-60; C13-5 and C13-60; C14-5 and C14-60)	Note 2
Field/Equipment Blanks	NA
Reporting Limits	Note 3

✓ – QC criteria were met.

Notes: 1. The following metals had mean recoveries outside of the QC acceptance range of 75% to 125% and/or an RPD between the MS and MSD percent recoveries greater than 20%.

C10-5; Batch 86421

Metal	Percent Mean Recovery	RPD
Antimony	23%	OK
Barium	154%	50
Chromium	121.5%	25

C11-5; Batch 86559

Metal	Percent Mean Recovery	RPD
Antimony	42%	OK
Molybdenum	25.5%	OK

In the appropriate analytical batch, for all metals where the mean percent recovery was low, the reporting limit of non-detects were flagged "UJ," estimated, and reported concentrations were flagged "J," estimated.

When the mean percent recovery was high the reported concentrations were flagged "J," estimated.

2. The RPD between concentrations of mercury in the duplicate pair C14-5 (conc. = 0.098 µg/kg) and C14-60 (conc. = 0.037 µg/kg) of 90.4% exceeded the QC limit of 50%. Reported concentrations of mercury are flagged "J," estimated in both samples.
3. All samples were diluted by factors of four for the 6010B components only. Reporting limits were raised by the same factor.

Summary:

Based on this Level III validation, these data are usable, as qualified, for their intended purpose. None of these data were rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33357

SAMPLES: C7-2, C9-2, C9-60, C8-2, C10-2, C10-60, C11-2, C12-2, C13-2, C14-2

MATRIX: Soil

Analysis	PAHs 8270C SIM
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C10-2 and C10-60; C9-2 and C9-60)	Note 2
Field/Equipment Blanks	NA
Reporting Limits	Note 3

✓ – QC criteria were met.

Notes:

1. The sample spiked for the MS/MSD is not from this project and does not reflect the matrix of these samples.
2. The following compounds in sample C10-60 had reported concentrations greater than 3 times the reporting limits for the non-detects in the duplicate sample C10-2: benzo(a)anthracene, chrysene, benzo(a)pyrene, benzo(b)fluoranthene, fluoranthene and pyrene. Reported concentrations in sample C10-60 were flagged "J," estimated. Results in sample C10-2 were all non-detect.
3. Due to the presence of non-target analytes, sample C7-2 was diluted by a factor of five and sample C10-60 by a factor of two. Reporting limits were increased by the same factors as the dilutions.

Summary:

Based on this Level III validation, these data are usable, as qualified, for their intended purpose. None of these data were rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33357

SAMPLES: C7-2, C7-60, C9-2, C9-60, C8-2, C10-2, C11-2, C12-2, C13-2, C14-2

MATRIX: Soil

Analysis	Organochlorine Pesticides 8081A
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	NA
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C7-2 and C7-60; C9-2 + C9-60)	✓
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33357-1
Client Project/Site: B1 CHESNUT

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Giorgio Mollinario

Authorized for release by:
2/22/2011 6:40 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

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.

Table of Contents

Qualifier Definition/Glossary

Client: URS Corporation
Project/Site: B1 CHESNUT

TestAmerica Job ID: 720-33357-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 720-33357-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33357-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 86291.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C SIM: The following sample(s) was diluted due to the abundance of non-target analytes: C10-60 (720-33357-14), C7-2 (720-33357-5). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86421 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 86580 was outside control limits. Non-homogeneity of the sample matrix is suspected. > The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86559 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client Sample ID: C3-20 — Lab Sample ID: 720-33357-1

No Detections.

Client Sample ID: C--30 — Lab Sample ID: 720-33357-2

No Detections.

Client Sample ID: C6-5 — Lab Sample ID: 720-33357-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	140		2.1		mg/Kg	4		6010B	Total/NA
Chromium	66		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.83		mg/Kg	4		6010B	Total/NA
Copper	25		6.2		mg/Kg	4		6010B	Total/NA
Lead	6.2		2.1		mg/Kg	4		6010B	Total/NA
Nickel	160		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	26		2.1		mg/Kg	4		6010B	Total/NA
Zinc	44		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.061		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: C6-60 — Lab Sample ID: 720-33357-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.4		4.1		mg/Kg	4		6010B	Total/NA
Barium	180		2.0		mg/Kg	4		6010B	Total/NA
Chromium	69		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.82		mg/Kg	4		6010B	Total/NA
Copper	30		6.1		mg/Kg	4		6010B	Total/NA
Lead	6.1		2.0		mg/Kg	4		6010B	Total/NA
Nickel	130		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	23		2.0		mg/Kg	4		6010B	Total/NA
Zinc	39		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.048		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C7-2 — Lab Sample ID: 720-33357-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	45		5.0		mg/Kg	5		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	280		250		mg/Kg	5		8015B	Total/NA
Arsenic	4.5		3.9		mg/Kg	4		6010B	Total/NA
Barium	200		1.9		mg/Kg	4		6010B	Total/NA
Chromium	61		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.78		mg/Kg	4		6010B	Total/NA
Copper	30		5.8		mg/Kg	4		6010B	Total/NA
Lead	12		1.9		mg/Kg	4		6010B	Total/NA
Nickel	130		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	27		1.9		mg/Kg	4		6010B	Total/NA
Zinc	48		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.32		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C7-60 — Lab Sample ID: 720-33357-6

No Detections.

Client Sample ID: C7-5 — Lab Sample ID: 720-33357-7

Client Sample ID: C7-5 (Continued) — Lab Sample ID: 720-33357-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.1		4.0		mg/Kg	4		6010B	Total/NA
Barium	190		2.0		mg/Kg	4		6010B	Total/NA
Chromium	83		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	22		0.80		mg/Kg	4		6010B	Total/NA
Copper	33		6.0		mg/Kg	4		6010B	Total/NA
Lead	8.3		2.0		mg/Kg	4		6010B	Total/NA
Nickel	250		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	30		2.0		mg/Kg	4		6010B	Total/NA
Zinc	48		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.056		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C9-2 — Lab Sample ID: 720-33357-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.5		4.1		mg/Kg	4		6010B	Total/NA
Barium	230		2.1		mg/Kg	4		6010B	Total/NA
Chromium	82		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	20		0.82		mg/Kg	4		6010B	Total/NA
Copper	37		6.2		mg/Kg	4		6010B	Total/NA
Lead	8.4		2.1		mg/Kg	4		6010B	Total/NA
Nickel	160		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	36		2.1		mg/Kg	4		6010B	Total/NA
Zinc	54		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.035		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: C9-60 — Lab Sample ID: 720-33357-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.9		4.0		mg/Kg	4		6010B	Total/NA
Barium	210		2.0		mg/Kg	4		6010B	Total/NA
Chromium	71		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	17		0.79		mg/Kg	4		6010B	Total/NA
Copper	34		5.9		mg/Kg	4		6010B	Total/NA
Lead	7.5		2.0		mg/Kg	4		6010B	Total/NA
Nickel	140		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	31		2.0		mg/Kg	4		6010B	Total/NA
Zinc	48		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.043		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C8-2 — Lab Sample ID: 720-33357-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	12		0.99		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	53		50		mg/Kg	1		8015B	Total/NA
Arsenic	5.8		4.2		mg/Kg	4		6010B	Total/NA
Barium	230		2.1		mg/Kg	4		6010B	Total/NA
Chromium	84		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.83		mg/Kg	4		6010B	Total/NA
Copper	40		6.2		mg/Kg	4		6010B	Total/NA
Lead	9.5		2.1		mg/Kg	4		6010B	Total/NA
Nickel	160		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	37		2.1		mg/Kg	4		6010B	Total/NA
Zinc	53		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.041		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: C8-5 — Lab Sample ID: 720-33357-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.5		4.0		mg/Kg	4		6010B	Total/NA
Barium	210		2.0		mg/Kg	4		6010B	Total/NA
Chromium	86		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.81		mg/Kg	4		6010B	Total/NA
Copper	36		6.1		mg/Kg	4		6010B	Total/NA
Lead	8.9		2.0		mg/Kg	4		6010B	Total/NA
Nickel	170		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	34		2.0		mg/Kg	4		6010B	Total/NA
Zinc	53		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.087		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C9-5 — Lab Sample ID: 720-33357-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.2		4.1		mg/Kg	4		6010B	Total/NA
Barium	190		2.1		mg/Kg	4		6010B	Total/NA
Chromium	210		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.82		mg/Kg	4		6010B	Total/NA
Copper	32		6.2		mg/Kg	4		6010B	Total/NA
Lead	11		2.1		mg/Kg	4		6010B	Total/NA
Molybdenum	30		2.1		mg/Kg	4		6010B	Total/NA
Nickel	140		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	31		2.1		mg/Kg	4		6010B	Total/NA
Zinc	44		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.028		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: C10-2 — Lab Sample ID: 720-33357-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		4.0		mg/Kg	4		6010B	Total/NA
Barium	220		2.0		mg/Kg	4		6010B	Total/NA
Chromium	76		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	17		0.80		mg/Kg	4		6010B	Total/NA
Copper	33		6.0		mg/Kg	4		6010B	Total/NA
Lead	12		2.0		mg/Kg	4		6010B	Total/NA
Nickel	140		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	34		2.0		mg/Kg	4		6010B	Total/NA
Zinc	58		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.054		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C10-60 — Lab Sample ID: 720-33357-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	16		9.9		ug/Kg	2		8270C SIM	Total/NA
Chrysene	22		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	21		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	31		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	14		9.9		ug/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	13		9.9		ug/Kg	2		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	10		9.9		ug/Kg	2		8270C SIM	Total/NA
Fluoranthene	20		9.9		ug/Kg	2		8270C SIM	Total/NA
Pyrene	31		9.9		ug/Kg	2		8270C SIM	Total/NA

Client Sample ID: C10-5 — Lab Sample ID: 720-33357-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		4.0		mg/Kg	4		6010B	Total/NA
Barium	160		2.0		mg/Kg	4		6010B	Total/NA
Chromium	71		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	14		0.81		mg/Kg	4		6010B	Total/NA
Copper	28		6.1		mg/Kg	4		6010B	Total/NA
Lead	8.0		2.0		mg/Kg	4		6010B	Total/NA
Nickel	150		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	28		2.0		mg/Kg	4		6010B	Total/NA
Zinc	47		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.066		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C11-2 — Lab Sample ID: 720-33357-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		4.1		mg/Kg	4		6010B	Total/NA
Barium	200		2.1		mg/Kg	4		6010B	Total/NA
Chromium	88		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.82		mg/Kg	4		6010B	Total/NA
Copper	41		6.2		mg/Kg	4		6010B	Total/NA
Lead	9.7		2.1		mg/Kg	4		6010B	Total/NA
Nickel	170		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	36		2.1		mg/Kg	4		6010B	Total/NA
Zinc	57		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.079		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C11-5 — Lab Sample ID: 720-33357-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7		4.1		mg/Kg	4		6010B	Total/NA
Barium	120		2.0		mg/Kg	4		6010B	Total/NA
Chromium	160		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.82		mg/Kg	4		6010B	Total/NA
Copper	20		6.1		mg/Kg	4		6010B	Total/NA
Lead	5.4		2.0		mg/Kg	4		6010B	Total/NA
Nickel	360		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	22		2.0		mg/Kg	4		6010B	Total/NA
Zinc	42		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.034		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C12-2 — Lab Sample ID: 720-33357-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.4		4.1		mg/Kg	4		6010B	Total/NA
Barium	260		2.1		mg/Kg	4		6010B	Total/NA
Chromium	94		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	31		0.82		mg/Kg	4		6010B	Total/NA
Copper	40		6.2		mg/Kg	4		6010B	Total/NA
Lead	9.3		2.1		mg/Kg	4		6010B	Total/NA
Nickel	350		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	35		2.1		mg/Kg	4		6010B	Total/NA
Zinc	54		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.060		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C12-5 — Lab Sample ID: 720-33357-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	110		1.9		mg/Kg	4		6010B	Total/NA
Chromium	49		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	12		0.77		mg/Kg	4		6010B	Total/NA
Copper	21		5.8		mg/Kg	4		6010B	Total/NA
Lead	4.9		1.9		mg/Kg	4		6010B	Total/NA
Nickel	140		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	20		1.9		mg/Kg	4		6010B	Total/NA
Zinc	35		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.047		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: C13-2 — Lab Sample ID: 720-33357-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.3		4.0		mg/Kg	4		6010B	Total/NA
Barium	240		2.0		mg/Kg	4		6010B	Total/NA
Chromium	90		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	20		0.80		mg/Kg	4		6010B	Total/NA
Copper	38		6.0		mg/Kg	4		6010B	Total/NA
Lead	9.5		2.0		mg/Kg	4		6010B	Total/NA
Nickel	200		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	36		2.0		mg/Kg	4		6010B	Total/NA
Zinc	56		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.048		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C13-5 — Lab Sample ID: 720-33357-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7		4.0		mg/Kg	4		6010B	Total/NA
Barium	170		2.0		mg/Kg	4		6010B	Total/NA
Chromium	83		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.79		mg/Kg	4		6010B	Total/NA
Copper	28		5.9		mg/Kg	4		6010B	Total/NA
Lead	7.0		2.0		mg/Kg	4		6010B	Total/NA
Nickel	170		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	28		2.0		mg/Kg	4		6010B	Total/NA
Zinc	51		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.058		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: C13-60 — Lab Sample ID: 720-33357-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.9		4.2		mg/Kg	4		6010B	Total/NA
Barium	220		2.1		mg/Kg	4		6010B	Total/NA
Beryllium	0.79		0.42		mg/Kg	4		6010B	Total/NA
Chromium	100		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.84		mg/Kg	4		6010B	Total/NA
Copper	34		6.3		mg/Kg	4		6010B	Total/NA
Lead	10		2.1		mg/Kg	4		6010B	Total/NA
Nickel	180		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	37		2.1		mg/Kg	4		6010B	Total/NA
Zinc	53		6.3		mg/Kg	4		6010B	Total/NA
Mercury	0.052		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C14-2 — Lab Sample ID: 720-33357-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.7		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	6.4		4.0		mg/Kg	4		6010B	Total/NA
Barium	240		2.0		mg/Kg	4		6010B	Total/NA
Beryllium	1.0		0.40		mg/Kg	4		6010B	Total/NA
Chromium	100		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	18		0.79		mg/Kg	4		6010B	Total/NA
Copper	35		5.9		mg/Kg	4		6010B	Total/NA
Lead	10		2.0		mg/Kg	4		6010B	Total/NA
Nickel	190		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	33		2.0		mg/Kg	4		6010B	Total/NA
Zinc	53		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.056		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C14-5 — Lab Sample ID: 720-33357-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	110		2.0		mg/Kg	4		6010B	Total/NA
Chromium	52		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	17		0.81		mg/Kg	4		6010B	Total/NA
Copper	20		6.1		mg/Kg	4		6010B	Total/NA
Lead	5.0		2.0		mg/Kg	4		6010B	Total/NA
Molybdenum	2.5		2.0		mg/Kg	4		6010B	Total/NA
Nickel	160		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	19		2.0		mg/Kg	4		6010B	Total/NA
Zinc	34		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.098		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C14-60 — Lab Sample ID: 720-33357-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		4.1		mg/Kg	4		6010B	Total/NA
Barium	170		2.0		mg/Kg	4		6010B	Total/NA
Chromium	64		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	14		0.82		mg/Kg	4		6010B	Total/NA
Copper	30		6.1		mg/Kg	4		6010B	Total/NA
Lead	10		2.0		mg/Kg	4		6010B	Total/NA
Nickel	120		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	27		2.0		mg/Kg	4		6010B	Total/NA
Zinc	47		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.037		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C3-20

Lab Sample ID: 720-33357-1

Date Collected: 02/15/11 09:15

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.0		ug/Kg		02/15/11 19:00	02/15/11 20:34	1
Ethylbenzene	ND		4.0		ug/Kg		02/15/11 19:00	02/15/11 20:34	1
Toluene	ND		4.0		ug/Kg		02/15/11 19:00	02/15/11 20:34	1
Xylenes, Total	ND		8.1		ug/Kg		02/15/11 19:00	02/15/11 20:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		200		ug/Kg		02/15/11 19:00	02/15/11 20:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*65 - 117*	*02/15/11 19:00*	*02/15/11 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 140*	*02/15/11 19:00*	*02/15/11 20:34*	*1*
Toluene-d8 (Surr)	*93*		*84 - 116*	*02/15/11 19:00*	*02/15/11 20:34*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/15/11 17:30	02/16/11 12:16	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 12:16	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*111*		*31 - 114*	*02/15/11 17:30*	*02/16/11 12:16*	*1*

Client Sample ID: C--30

Lab Sample ID: 720-33357-2

Date Collected: 02/15/11 09:45

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		6.3		ug/Kg		02/15/11 19:00	02/15/11 21:05	1
Ethylbenzene	ND		6.3		ug/Kg		02/15/11 19:00	02/15/11 21:05	1
Toluene	ND		6.3		ug/Kg		02/15/11 19:00	02/15/11 21:05	1
Xylenes, Total	ND		13		ug/Kg		02/15/11 19:00	02/15/11 21:05	1
Gasoline Range Organics (GRO) -C5-C12	ND		320		ug/Kg		02/15/11 19:00	02/15/11 21:05	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*65 - 117*	*02/15/11 19:00*	*02/15/11 21:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 140*	*02/15/11 19:00*	*02/15/11 21:05*	*1*
Toluene-d8 (Surr)	*92*		*84 - 116*	*02/15/11 19:00*	*02/15/11 21:05*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/15/11 17:30	02/16/11 12:40	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 12:40	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*105*		*31 - 114*	*02/15/11 17:30*	*02/16/11 12:40*	*1*

Client Sample ID: C6-5

Lab Sample ID: 720-33357-3

Date Collected: 02/15/11 10:14

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4

Client Sample ID: C6-5

Lab Sample ID: 720-33357-3

Date Collected: 02/15/11 10:14

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		4.2		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Barium	**140**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Beryllium	ND		0.42		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Chromium	**66**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Cobalt	**15**		0.83		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Copper	**25**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Lead	**6.2**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Nickel	**160**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Selenium	ND		4.2		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Vanadium	**26**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:13	4
Zinc	**44**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:13	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.061**		0.0098		mg/Kg		02/18/11 09:13	02/18/11 20:35	1

Client Sample ID: C6-60

Lab Sample ID: 720-33357-4

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Arsenic	**5.4**		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Barium	**180**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Cadmium	ND		0.51		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Chromium	**69**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Cobalt	**11**		0.82		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Copper	**30**		6.1		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Lead	**6.1**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Nickel	**130**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Vanadium	**23**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:17	4
Zinc	**39**		6.1		mg/Kg		02/17/11 15:32	02/22/11 10:17	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.011		mg/Kg		02/18/11 09:13	02/18/11 20:38	1

Client Sample ID: C7-2

Date Collected: 02/15/11 10:20
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-5

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 21:35	1
Ethylbenzene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 21:35	1
Toluene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 21:35	1
Xylenes, Total	ND		10		ug/Kg		02/15/11 19:00	02/15/11 21:35	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/15/11 19:00	02/15/11 21:35	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*78*		*65 - 117*	*02/15/11 19:00*	*02/15/11 21:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 140*	*02/15/11 19:00*	*02/15/11 21:35*	*1*
Toluene-d8 (Surr)	*91*		*84 - 116*	*02/15/11 19:00*	*02/15/11 21:35*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Acenaphthene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Acenaphthylene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Fluorene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Phenanthrene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Anthracene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Benzo[a]anthracene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Chrysene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Benzo[a]pyrene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Benzo[b]fluoranthene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Benzo[k]fluoranthene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Benzo[g,h,i]perylene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Indeno[1,2,3-cd]pyrene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Fluoranthene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Pyrene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5
Dibenz(a,h)anthracene	ND		25		ug/Kg		02/15/11 17:34	02/16/11 18:49	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*33 - 120*	*02/15/11 17:34*	*02/16/11 18:49*	*5*
Terphenyl-d14	*79*		*35 - 146*	*02/15/11 17:34*	*02/16/11 18:49*	*5*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**45**		5.0		mg/Kg		02/15/11 17:30	02/16/11 11:06	5
Motor Oil Range Organics [C24-C36]	**280**		250		mg/Kg		02/15/11 17:30	02/16/11 11:06	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*0*	*X*	*31 - 114*	*02/15/11 17:30*	*02/16/11 11:06*	*5*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1

Client Sample ID: C7-2

Lab Sample ID: 720-33357-5

Date Collected: 02/15/11 10:20

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:20	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*45 - 119*	*02/16/11 13:52*	*02/17/11 18:20*	*1*
DCB Decachlorobiphenyl	*48*		*27 - 136*	*02/16/11 13:52*	*02/17/11 18:20*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Arsenic	**4.5**		3.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Barium	**200**		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Beryllium	ND		0.39		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Cadmium	ND		0.49		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Chromium	**61**		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Cobalt	**15**		0.78		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Copper	**30**		5.8		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Lead	**12**		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Molybdenum	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Nickel	**130**		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Selenium	ND		3.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Silver	ND		0.97		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Thallium	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Vanadium	**27**		1.9		mg/Kg		02/17/11 15:32	02/22/11 10:21	4
Zinc	**48**		5.8		mg/Kg		02/17/11 15:32	02/22/11 10:21	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.011		mg/Kg		02/18/11 09:13	02/18/11 20:40	1

Client Sample ID: C7-60

Lab Sample ID: 720-33357-6

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1

Client Sample ID: C7-60

Lab Sample ID: 720-33357-6

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:37	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*		*45 - 119*	*02/16/11 13:52*	*02/17/11 18:37*	*1*
DCB Decachlorobiphenyl	*45*		*27 - 136*	*02/16/11 13:52*	*02/17/11 18:37*	*1*

Client Sample ID: C7-5

Lab Sample ID: 720-33357-7

Date Collected: 02/15/11 10:25

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Arsenic	**5.1**		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Barium	**190**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Chromium	**83**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Cobalt	**22**		0.80		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Copper	**33**		6.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Lead	**8.3**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Nickel	**250**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Vanadium	**30**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4
Zinc	**48**		6.0		mg/Kg		02/17/11 15:32	02/22/11 10:25	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.056**		0.010		mg/Kg		02/18/11 09:13	02/18/11 20:43	1

Client Sample ID: C9-2

Date Collected: 02/15/11 10:35
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-8
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		6.1		ug/Kg		02/15/11 19:00	02/15/11 22:06	1
Ethylbenzene	ND		6.1		ug/Kg		02/15/11 19:00	02/15/11 22:06	1
Toluene	ND		6.1		ug/Kg		02/15/11 19:00	02/15/11 22:06	1
Xylenes, Total	ND		12		ug/Kg		02/15/11 19:00	02/15/11 22:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		300		ug/Kg		02/15/11 19:00	02/15/11 22:06	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*73*		*65 - 117*	*02/15/11 19:00*	*02/15/11 22:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 140*	*02/15/11 19:00*	*02/15/11 22:06*	*1*
Toluene-d8 (Surr)	*90*		*84 - 116*	*02/15/11 19:00*	*02/15/11 22:06*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Acenaphthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Acenaphthylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Fluorene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Phenanthrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Chrysene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 15:18	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*33 - 120*	*02/15/11 17:34*	*02/16/11 15:18*	*1*
Terphenyl-d14	*87*		*35 - 146*	*02/15/11 17:34*	*02/16/11 15:18*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/15/11 17:30	02/16/11 13:03	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/15/11 17:30	02/16/11 13:03	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*106*		*31 - 114*	*02/15/11 17:30*	*02/16/11 13:03*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1

Client Sample ID: C9-2

Lab Sample ID: 720-33357-8

Date Collected: 02/15/11 10:35

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 18:54	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*45 - 119*	*02/16/11 13:52*	*02/17/11 18:54*	*1*
DCB Decachlorobiphenyl	*63*		*27 - 136*	*02/16/11 13:52*	*02/17/11 18:54*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Arsenic	**5.5**		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Barium	**230**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Chromium	**82**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Cobalt	**20**		0.82		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Copper	**37**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Lead	**8.4**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Nickel	**160**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Vanadium	**36**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:29	4
Zinc	**54**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:29	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.0097		mg/Kg		02/18/11 09:13	02/18/11 20:45	1

Client Sample ID: C9-60

Lab Sample ID: 720-33357-9

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 22:36	1
Ethylbenzene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 22:36	1

Client Sample ID: C9-60
Date Collected: 02/15/11 00:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-9
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.1		ug/Kg		02/15/11 19:00	02/15/11 22:36	1
Xylenes, Total	ND		10		ug/Kg		02/15/11 19:00	02/15/11 22:36	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		02/15/11 19:00	02/15/11 22:36	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*71*		*65 - 117*	*02/15/11 19:00*	*02/15/11 22:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*73 - 140*	*02/15/11 19:00*	*02/15/11 22:36*	*1*
Toluene-d8 (Surr)	*90*		*84 - 116*	*02/15/11 19:00*	*02/15/11 22:36*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Acenaphthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Acenaphthylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Fluorene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Phenanthrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Benzo[a]anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Chrysene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Benzo[a]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 15:41	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*33 - 120*	*02/15/11 17:34*	*02/16/11 15:41*	*1*
Terphenyl-d14	*84*		*35 - 146*	*02/15/11 17:34*	*02/16/11 15:41*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/15/11 17:30	02/16/11 13:27	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 13:27	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*107*		*31 - 114*	*02/15/11 17:30*	*02/16/11 13:27*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1

Client Sample ID: C9-60

Date Collected: 02/15/11 00:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-9
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:11	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*45 - 119*	*02/16/11 13:52*	*02/17/11 19:11*	*1*
DCB Decachlorobiphenyl	*65*		*27 - 136*	*02/16/11 13:52*	*02/17/11 19:11*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Arsenic	**4.9**		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Barium	**210**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Chromium	**71**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Cobalt	**17**		0.79		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Copper	**34**		5.9		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Lead	**7.5**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Nickel	**140**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Silver	ND		0.99		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Vanadium	**31**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:33	4
Zinc	**48**		5.9		mg/Kg		02/17/11 15:32	02/22/11 10:33	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**		0.010		mg/Kg		02/18/11 09:13	02/18/11 20:47	1

Client Sample ID: C8-2

Date Collected: 02/15/11 11:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-10
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/15/11 19:00	02/15/11 23:06	1
Ethylbenzene	ND		4.3		ug/Kg		02/15/11 19:00	02/15/11 23:06	1
Toluene	ND		4.3		ug/Kg		02/15/11 19:00	02/15/11 23:06	1
Xylenes, Total	ND		8.7		ug/Kg		02/15/11 19:00	02/15/11 23:06	1

Client Sample ID: C8-2
Date Collected: 02/15/11 11:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-10
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/15/11 19:00	02/15/11 23:06	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*78*		*65 - 117*	*02/15/11 19:00*	*02/15/11 23:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 140*	*02/15/11 19:00*	*02/15/11 23:06*	*1*
Toluene-d8 (Surr)	*88*		*84 - 116*	*02/15/11 19:00*	*02/15/11 23:06*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Acenaphthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Acenaphthylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Fluorene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Phenanthrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Chrysene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:05	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*33 - 120*	*02/15/11 17:34*	*02/16/11 16:05*	*1*
Terphenyl-d14	*85*		*35 - 146*	*02/15/11 17:34*	*02/16/11 16:05*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		0.99		mg/Kg		02/15/11 17:30	02/16/11 21:00	1
Motor Oil Range Organics [C24-C36]	**53**		50		mg/Kg		02/15/11 17:30	02/16/11 21:00	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*84*		*31 - 114*	*02/15/11 17:30*	*02/16/11 21:00*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1

Client Sample ID: C8-2

Date Collected: 02/15/11 11:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-10
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Toxaphene	ND		39		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
Chlordane (technical)	ND		39		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:28	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*45 - 119*	*02/16/11 13:52*	*02/17/11 19:28*	*1*
DCB Decachlorobiphenyl	*66*		*27 - 136*	*02/16/11 13:52*	*02/17/11 19:28*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Arsenic	**5.8**		4.2		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Barium	**230**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Beryllium	ND		0.42		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Chromium	**84**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Cobalt	**19**		0.83		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Copper	**40**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Lead	**9.5**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Nickel	**160**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Selenium	ND		4.2		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Vanadium	**37**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:37	4
Zinc	**53**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:37	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.0097		mg/Kg		02/18/11 09:13	02/18/11 20:55	1

Client Sample ID: C8-5

Date Collected: 02/15/11 11:05
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-11
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Arsenic	**5.5**		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Barium	**210**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Cadmium	ND		0.51		mg/Kg		02/17/11 15:32	02/22/11 13:27	4
Chromium	**86**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4

Client Sample ID: C8-5

Lab Sample ID: 720-33357-11

Date Collected: 02/15/11 11:05

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**19**		0.81		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Copper	**36**		6.1		mg/Kg		02/17/11 15:32	02/22/11 13:27	4
Lead	**8.9**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Nickel	**170**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Vanadium	**34**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:50	4
Zinc	**53**		6.1		mg/Kg		02/17/11 15:32	02/22/11 10:50	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.087**		0.010		mg/Kg		02/18/11 09:13	02/18/11 20:58	1

Client Sample ID: C9-5

Lab Sample ID: 720-33357-12

Date Collected: 02/15/11 10:40

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Arsenic	**5.2**		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Barium	**190**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 13:31	4
Chromium	**210**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Cobalt	**15**		0.82		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Copper	**32**		6.2		mg/Kg		02/17/11 15:32	02/22/11 13:31	4
Lead	**11**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Molybdenum	**30**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Nickel	**140**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Vanadium	**31**		2.1		mg/Kg		02/17/11 15:32	02/22/11 10:54	4
Zinc	**44**		6.2		mg/Kg		02/17/11 15:32	02/22/11 10:54	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.0095		mg/Kg		02/18/11 09:13	02/18/11 21:00	1

Client Sample ID: C10-2

Lab Sample ID: 720-33357-13

Date Collected: 02/15/11 12:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.4		ug/Kg		02/15/11 19:00	02/15/11 23:37	1
Ethylbenzene	ND		5.4		ug/Kg		02/15/11 19:00	02/15/11 23:37	1
Toluene	ND		5.4		ug/Kg		02/15/11 19:00	02/15/11 23:37	1

Client Sample ID: C10-2
Date Collected: 02/15/11 12:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-13
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		11		ug/Kg		02/15/11 19:00	02/15/11 23:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		270		ug/Kg		02/15/11 19:00	02/15/11 23:37	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*70*		*65 - 117*	*02/15/11 19:00*	*02/15/11 23:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 140*	*02/15/11 19:00*	*02/15/11 23:37*	*1*
Toluene-d8 (Surr)	*88*		*84 - 116*	*02/15/11 19:00*	*02/15/11 23:37*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Acenaphthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Acenaphthylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Fluorene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Phenanthrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Benzo[a]anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Chrysene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Benzo[a]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 16:28	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*33 - 120*	*02/15/11 17:34*	*02/16/11 16:28*	*1*
Terphenyl-d14	*84*		*35 - 146*	*02/15/11 17:34*	*02/16/11 16:28*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/15/11 17:30	02/16/11 13:50	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/15/11 17:30	02/16/11 13:50	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*103*		*31 - 114*	*02/15/11 17:30*	*02/16/11 13:50*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1

Client Sample ID: C10-2

Date Collected: 02/15/11 12:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-13
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Toxaphene	ND		39		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
Chlordane (technical)	ND		39		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 19:46	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*45 - 119*	*02/16/11 13:52*	*02/17/11 19:46*	*1*
DCB Decachlorobiphenyl	*72*		*27 - 136*	*02/16/11 13:52*	*02/17/11 19:46*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Arsenic	**5.6**		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Barium	**220**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 13:35	4
Chromium	**76**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Cobalt	**17**		0.80		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Copper	**33**		6.0		mg/Kg		02/17/11 15:32	02/22/11 13:35	4
Lead	**12**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Nickel	**140**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Vanadium	**34**		2.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4
Zinc	**58**		6.0		mg/Kg		02/17/11 15:32	02/22/11 10:58	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**		0.011		mg/Kg		02/18/11 09:13	02/18/11 21:02	1

Client Sample ID: C10-60

Date Collected: 02/15/11 00:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-14
Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Acenaphthene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Acenaphthylene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Fluorene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Phenanthrene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2

Client Sample ID: C10-60

Date Collected: 02/15/11 00:00
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-14
Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Benzo[a]anthracene	**16**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Chrysene	**22**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Benzo[a]pyrene	**21**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Benzo[b]fluoranthene	**31**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Benzo[k]fluoranthene	**14**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Benzo[g,h,i]perylene	**13**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Indeno[1,2,3-cd]pyrene	**10**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Fluoranthene	**20**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Pyrene	**31**		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2
Dibenz(a,h)anthracene	ND		9.9		ug/Kg		02/15/11 17:34	02/16/11 18:25	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*33 - 120*	*02/15/11 17:34*	*02/16/11 18:25*	*2*
Terphenyl-d14	*83*		*35 - 146*	*02/15/11 17:34*	*02/16/11 18:25*	*2*

Client Sample ID: C10-5

Date Collected: 02/15/11 12:05
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-15
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Arsenic	**4.6**		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Barium	**160**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Cadmium	ND		0.51		mg/Kg		02/17/11 15:32	02/22/11 13:48	4
Chromium	**71**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Cobalt	**14**		0.81		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Copper	**28**		6.1		mg/Kg		02/17/11 15:32	02/22/11 13:48	4
Lead	**8.0**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Nickel	**150**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Vanadium	**28**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:10	4
Zinc	**47**		6.1		mg/Kg		02/17/11 15:32	02/22/11 11:10	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.066**		0.010		mg/Kg		02/18/11 09:13	02/18/11 21:09	1

Client Sample ID: C11-2

Date Collected: 02/15/11 12:10
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-16
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 00:08	1
Ethylbenzene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 00:08	1

Client Sample ID: C11-2
Date Collected: 02/15/11 12:10
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-16
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 00:08	1
Xylenes, Total	ND		8.5		ug/Kg		02/15/11 19:00	02/16/11 00:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		02/15/11 19:00	02/16/11 00:08	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*74*		*65 - 117*	*02/15/11 19:00*	*02/16/11 00:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 140*	*02/15/11 19:00*	*02/16/11 00:08*	*1*
Toluene-d8 (Surr)	*87*		*84 - 116*	*02/15/11 19:00*	*02/16/11 00:08*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Acenaphthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Acenaphthylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Fluorene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Phenanthrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Chrysene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 16:52	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*33 - 120*	*02/15/11 17:34*	*02/16/11 16:52*	*1*
Terphenyl-d14	*89*		*35 - 146*	*02/15/11 17:34*	*02/16/11 16:52*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/15/11 17:30	02/16/11 15:47	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 15:47	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*107*		*31 - 114*	*02/15/11 17:30*	*02/16/11 15:47*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1

Client Sample ID: C11-2

Date Collected: 02/15/11 12:10
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-16

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:03	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*45 - 119*	*02/16/11 13:52*	*02/17/11 20:03*	*1*
DCB Decachlorobiphenyl	*73*		*27 - 136*	*02/16/11 13:52*	*02/17/11 20:03*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Arsenic	**5.9**		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Barium	**200**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 13:52	4
Chromium	**88**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Cobalt	**19**		0.82		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Copper	**41**		6.2		mg/Kg		02/17/11 15:32	02/22/11 13:52	4
Lead	**9.7**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Nickel	**170**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Vanadium	**36**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:15	4
Zinc	**57**		6.2		mg/Kg		02/17/11 15:32	02/22/11 11:15	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.079**		0.010		mg/Kg		02/18/11 09:13	02/18/11 21:12	1

Client Sample ID: C11-5

Date Collected: 02/15/11 12:15
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-17

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Arsenic	**4.7**		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Barium	**120**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 11:19	4

Client Sample ID: C11-5

Lab Sample ID: 720-33357-17

Date Collected: 02/15/11 12:15

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.51		mg/Kg		02/17/11 15:32	02/22/11 13:56	4
Chromium	**160**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Cobalt	**27**		0.82		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Copper	**20**		6.1		mg/Kg		02/17/11 15:32	02/22/11 13:56	4
Lead	**5.4**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Nickel	**360**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Vanadium	**22**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:19	4
Zinc	**42**		6.1		mg/Kg		02/17/11 15:32	02/22/11 11:19	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.011		mg/Kg		02/18/11 09:13	02/18/11 21:14	1

Client Sample ID: C12-2

Lab Sample ID: 720-33357-18

Date Collected: 02/15/11 12:20

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 00:38	1
Ethylbenzene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 00:38	1
Toluene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 00:38	1
Xylenes, Total	ND		8.8		ug/Kg		02/15/11 19:00	02/16/11 00:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/15/11 19:00	02/16/11 00:38	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*68*		*65 - 117*	*02/15/11 19:00*	*02/16/11 00:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*73 - 140*	*02/15/11 19:00*	*02/16/11 00:38*	*1*
Toluene-d8 (Surr)	*86*		*84 - 116*	*02/15/11 19:00*	*02/16/11 00:38*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Acenaphthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Acenaphthylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Fluorene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Phenanthrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Benzo[a]anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Chrysene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Benzo[a]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Fluoranthene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1
Pyrene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1

Client Sample ID: C12-2
Date Collected: 02/15/11 12:20
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-18
Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		02/15/11 17:34	02/16/11 17:15	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*33 - 120*	*02/15/11 17:34*	*02/16/11 17:15*	*1*
Terphenyl-d14	*86*		*35 - 146*	*02/15/11 17:34*	*02/16/11 17:15*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/15/11 17:30	02/16/11 16:10	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 16:10	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*109*		*31 - 114*	*02/15/11 17:30*	*02/16/11 16:10*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Toxaphene	ND		39		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
Chlordane (technical)	ND		39		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:20	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*45 - 119*	*02/16/11 13:52*	*02/17/11 20:20*	*1*
DCB Decachlorobiphenyl	*71*		*27 - 136*	*02/16/11 13:52*	*02/17/11 20:20*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Arsenic	**6.4**		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Barium	**260**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Beryllium	ND		0.41		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Cadmium	ND		0.52		mg/Kg		02/17/11 15:32	02/22/11 14:00	4
Chromium	**94**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Cobalt	**31**		0.82		mg/Kg		02/17/11 15:32	02/22/11 11:23	4

Client Sample ID: C12-2

Lab Sample ID: 720-33357-18

Date Collected: 02/15/11 12:20

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**40**		6.2		mg/Kg		02/17/11 15:32	02/22/11 14:00	4
Lead	**9.3**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Nickel	**350**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Selenium	ND		4.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Vanadium	**35**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:23	4
Zinc	**54**		6.2		mg/Kg		02/17/11 15:32	02/22/11 11:23	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.060**		0.010		mg/Kg		02/18/11 09:13	02/18/11 21:16	1

Client Sample ID: C12-5

Lab Sample ID: 720-33357-19

Date Collected: 02/15/11 12:25

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Arsenic	ND		3.8		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Barium	**110**		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Beryllium	ND		0.38		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Cadmium	ND		0.48		mg/Kg		02/17/11 15:32	02/22/11 14:04	4
Chromium	**49**		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Cobalt	**12**		0.77		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Copper	**21**		5.8		mg/Kg		02/17/11 15:32	02/22/11 14:04	4
Lead	**4.9**		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Molybdenum	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Nickel	**140**		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Selenium	ND		3.8		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Silver	ND		0.96		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Thallium	ND		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Vanadium	**20**		1.9		mg/Kg		02/17/11 15:32	02/22/11 11:27	4
Zinc	**35**		5.8		mg/Kg		02/17/11 15:32	02/22/11 11:27	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**		0.0098		mg/Kg		02/18/11 09:13	02/18/11 21:24	1

Client Sample ID: C13-2

Lab Sample ID: 720-33357-20

Date Collected: 02/15/11 12:27

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 01:09	1
Ethylbenzene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 01:09	1
Toluene	ND		4.3		ug/Kg		02/15/11 19:00	02/16/11 01:09	1
Xylenes, Total	ND		8.6		ug/Kg		02/15/11 19:00	02/16/11 01:09	1

Client Sample ID: C13-2
Date Collected: 02/15/11 12:27
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-20
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/15/11 19:00	02/16/11 01:09	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*69*		*65 - 117*	*02/15/11 19:00*	*02/16/11 01:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*73 - 140*	*02/15/11 19:00*	*02/16/11 01:09*	*1*
Toluene-d8 (Surr)	*86*		*84 - 116*	*02/15/11 19:00*	*02/16/11 01:09*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Acenaphthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Acenaphthylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Fluorene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Phenanthrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Chrysene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 17:39	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*33 - 120*	*02/15/11 17:34*	*02/16/11 17:39*	*1*
Terphenyl-d14	*82*		*35 - 146*	*02/15/11 17:34*	*02/16/11 17:39*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/15/11 17:30	02/16/11 16:34	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/15/11 17:30	02/16/11 16:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*103*		*31 - 114*	*02/15/11 17:30*	*02/16/11 16:34*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1

Client Sample ID: C13-2

Date Collected: 02/15/11 12:27
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-20

Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:37	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*45 - 119*	*02/16/11 13:52*	*02/17/11 20:37*	*1*
DCB Decachlorobiphenyl	*72*		*27 - 136*	*02/16/11 13:52*	*02/17/11 20:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Arsenic	**6.3**		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Barium	**240**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 14:16	4
Chromium	**90**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Cobalt	**20**		0.80		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Copper	**38**		6.0		mg/Kg		02/17/11 15:32	02/22/11 14:16	4
Lead	**9.5**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 14:16	4
Nickel	**200**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Silver	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Vanadium	**36**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4
Zinc	**56**		6.0		mg/Kg		02/17/11 15:32	02/22/11 11:39	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.011		mg/Kg		02/18/11 09:13	02/18/11 21:27	1

Client Sample ID: C13-5

Date Collected: 02/15/11 12:30
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-21

Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Arsenic	**4.7**		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Barium	**170**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Beryllium	ND		0.40		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 14:21	4
Chromium	**83**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4

Client Sample ID: C13-5

Lab Sample ID: 720-33357-21

Date Collected: 02/15/11 12:30

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**15**		0.79		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Copper	**28**		5.9		mg/Kg		02/17/11 15:32	02/22/11 14:21	4
Lead	**7.0**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 14:21	4
Nickel	**170**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Silver	ND		0.99		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Vanadium	**28**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:43	4
Zinc	**51**		5.9		mg/Kg		02/17/11 15:32	02/22/11 11:43	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**		0.0095		mg/Kg		02/18/11 09:13	02/18/11 21:29	1

Client Sample ID: C13-60

Lab Sample ID: 720-33357-22

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Arsenic	**5.9**		4.2		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Barium	**220**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Beryllium	**0.79**		0.42		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Cadmium	ND		0.53		mg/Kg		02/17/11 15:32	02/22/11 14:25	4
Chromium	**100**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Cobalt	**19**		0.84		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Copper	**34**		6.3		mg/Kg		02/17/11 15:32	02/22/11 14:25	4
Lead	**10**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Molybdenum	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 14:25	4
Nickel	**180**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Selenium	ND		4.2		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Silver	ND		1.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Thallium	ND		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Vanadium	**37**		2.1		mg/Kg		02/17/11 15:32	02/22/11 11:47	4
Zinc	**53**		6.3		mg/Kg		02/17/11 15:32	02/22/11 11:47	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.052**		0.010		mg/Kg		02/18/11 09:13	02/18/11 21:33	1

Client Sample ID: C14-2

Lab Sample ID: 720-33357-23

Date Collected: 02/15/11 12:40

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 01:39	1
Ethylbenzene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 01:39	1
Toluene	ND		4.4		ug/Kg		02/15/11 19:00	02/16/11 01:39	1

Client Sample ID: C14-2
Date Collected: 02/15/11 12:40
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-23
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		8.7		ug/Kg		02/15/11 19:00	02/16/11 01:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/15/11 19:00	02/16/11 01:39	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*70*		*65 - 117*	*02/15/11 19:00*	*02/16/11 01:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 140*	*02/15/11 19:00*	*02/16/11 01:39*	*1*
Toluene-d8 (Surr)	*86*		*84 - 116*	*02/15/11 19:00*	*02/16/11 01:39*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Acenaphthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Acenaphthylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Fluorene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Phenanthrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Chrysene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Fluoranthene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Pyrene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/15/11 17:34	02/16/11 18:02	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*33 - 120*	*02/15/11 17:34*	*02/16/11 18:02*	*1*
Terphenyl-d14	*86*		*35 - 146*	*02/15/11 17:34*	*02/16/11 18:02*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.7**		0.99		mg/Kg		02/15/11 17:30	02/16/11 16:58	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 17:30	02/16/11 16:58	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*101*		*31 - 114*	*02/15/11 17:30*	*02/16/11 16:58*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Endrin	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1

Client Sample ID: C14-2

Date Collected: 02/15/11 12:40
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-23
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Toxaphene	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 13:52	02/17/11 20:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*45 - 119*	*02/16/11 13:52*	*02/17/11 20:55*	*1*
DCB Decachlorobiphenyl	*63*		*27 - 136*	*02/16/11 13:52*	*02/17/11 20:55*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Arsenic	**6.4**		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Barium	**240**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Beryllium	**1.0**		0.40		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Cadmium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 14:29	4
Chromium	**100**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Cobalt	**18**		0.79		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Copper	**35**		5.9		mg/Kg		02/17/11 15:32	02/22/11 14:29	4
Lead	**10**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Molybdenum	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 14:29	4
Nickel	**190**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Selenium	ND		4.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Silver	ND		0.99		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Thallium	ND		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Vanadium	**33**		2.0		mg/Kg		02/17/11 15:32	02/22/11 11:52	4
Zinc	**53**		5.9		mg/Kg		02/17/11 15:32	02/22/11 11:52	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.056**		0.010		mg/Kg		02/18/11 09:13	02/18/11 21:35	1

Client Sample ID: C14-5

Date Collected: 02/15/11 12:45
Date Received: 02/15/11 15:00

Lab Sample ID: 720-33357-24
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Arsenic	ND		4.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Barium	**110**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Beryllium	ND		0.40		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Cadmium	ND		0.51		mg/Kg		02/22/11 09:39	02/22/11 15:08	4

Client Sample ID: C14-5

Lab Sample ID: 720-33357-24

Date Collected: 02/15/11 12:45

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**52**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Cobalt	**17**		0.81		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Copper	**20**		6.1		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Lead	**5.0**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Molybdenum	**2.5**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Nickel	**160**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Selenium	ND		4.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Silver	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Thallium	ND		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Vanadium	**19**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:08	4
Zinc	**34**		6.1		mg/Kg		02/22/11 09:39	02/22/11 15:08	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.098**		0.010		mg/Kg		02/22/11 10:50	02/22/11 15:43	1

Client Sample ID: C14-60

Lab Sample ID: 720-33357-25

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Arsenic	**4.4**		4.1		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Barium	**170**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Beryllium	ND		0.41		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Cadmium	ND		0.51		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Chromium	**64**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Cobalt	**14**		0.82		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Copper	**30**		6.1		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Lead	**10**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Nickel	**120**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Selenium	ND		4.1		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Silver	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Thallium	ND		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Vanadium	**27**		2.0		mg/Kg		02/22/11 09:39	02/22/11 15:12	4
Zinc	**47**		6.1		mg/Kg		02/22/11 09:39	02/22/11 15:12	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**		0.011		mg/Kg		02/22/11 10:50	02/22/11 15:45	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-86351/1-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: MB 720-86351/1-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
Ethylbenzene	ND		5.0		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
Toluene	ND		5.0		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
o-Xylene	ND		5.0		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
Xylenes, Total	ND		10		ug/Kg		02/15/11 15:00	02/15/11 17:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/15/11 15:00	02/15/11 17:49	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*65 - 117*	*02/15/11 15:00*	*02/15/11 17:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*73 - 140*	*02/15/11 15:00*	*02/15/11 17:49*	*1*
Toluene-d8 (Surr)	*93*		*84 - 116*	*02/15/11 15:00*	*02/15/11 17:49*	*1*

Lab Sample ID: LCS 720-86351/2-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: LCS 720-86351/2-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	49.5		ug/Kg		99	82 - 124
Ethylbenzene	50.0	50.3		ug/Kg		101	80 - 137
Toluene	50.0	50.1		ug/Kg		100	83 - 128
m-Xylene & p-Xylene	100	102		ug/Kg		102	79 - 146
o-Xylene	50.0	53.0		ug/Kg		106	84 - 140

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*102*		*73 - 140*
Toluene-d8 (Surr)	*99*		*84 - 116*

Lab Sample ID: LCS 720-86351/4-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: LCS 720-86351/4-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	904		ug/Kg		90	68 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*105*		*73 - 140*
Toluene-d8 (Surr)	*100*		*84 - 116*

Lab Sample ID: LCSD 720-86351/3-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: LCSD 720-86351/3-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.1		ug/Kg		98	82 - 124	1	20
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 137	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86351/3-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: LCSD 720-86351/3-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Toluene			50.0	49.6		ug/Kg		99	83 - 128	1	20
m-Xylene & p-Xylene			100	100		ug/Kg		100	79 - 146	1	20
o-Xylene			50.0	52.0		ug/Kg		104	84 - 140	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 140*
Toluene-d8 (Surr)	*98*		*84 - 116*

Lab Sample ID: LCSD 720-86351/5-A
Matrix: Solid
Analysis Batch: 86291

Client Sample ID: LCSD 720-86351/5-A
Prep Type: Total/NA
Prep Batch: 86351

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	892		ug/Kg		89	68 - 115	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-86273/1-A
Matrix: Solid
Analysis Batch: 86281

Client Sample ID: MB 720-86273/1-A
Prep Type: Total/NA
Prep Batch: 86273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Acenaphthene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Acenaphthylene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Fluorene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Phenanthrene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Anthracene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Benzo[a]anthracene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Chrysene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Benzo[a]pyrene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Fluoranthene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Pyrene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		02/15/11 12:33	02/15/11 15:04	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*33 - 120*	*02/15/11 12:33*	*02/15/11 15:04*	*1*
Terphenyl-d14	*107*		*35 - 146*	*02/15/11 12:33*	*02/15/11 15:04*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCS 720-86273/2-A
Matrix: Solid
Analysis Batch: 86281

Client Sample ID: LCS 720-86273/2-A
Prep Type: Total/NA
Prep Batch: 86273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	330	276		ug/Kg		84	46 - 120
Acenaphthene	330	294		ug/Kg		89	49 - 120
Acenaphthylene	330	297		ug/Kg		90	52 - 120
Fluorene	330	289		ug/Kg		88	52 - 120
Phenanthrene	330	290		ug/Kg		88	48 - 120
Anthracene	330	309		ug/Kg		94	52 - 120
Benzo[a]anthracene	330	302		ug/Kg		92	52 - 120
Chrysene	330	302		ug/Kg		92	54 - 120
Benzo[a]pyrene	330	346		ug/Kg		105	54 - 120
Benzo[b]fluoranthene	330	343		ug/Kg		104	51 - 120
Benzo[k]fluoranthene	330	359		ug/Kg		109	56 - 120
Benzo[g,h,i]perylene	330	298		ug/Kg		90	48 - 120
Indeno[1,2,3-cd]pyrene	330	304		ug/Kg		92	48 - 120
Fluoranthene	330	318		ug/Kg		96	57 - 120
Pyrene	330	355		ug/Kg		108	53 - 120
Dibenz(a,h)anthracene	330	289		ug/Kg		88	50 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*33 - 120*
Terphenyl-d14	*105*		*35 - 146*

Lab Sample ID: LCSD 720-86273/3-A
Matrix: Solid
Analysis Batch: 86281

Client Sample ID: LCSD 720-86273/3-A
Prep Type: Total/NA
Prep Batch: 86273

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	330	277		ug/Kg		84	46 - 120	0	20
Acenaphthene	330	299		ug/Kg		91	49 - 120	2	20
Acenaphthylene	330	301		ug/Kg		91	52 - 120	1	20
Fluorene	330	294		ug/Kg		89	52 - 120	2	20
Phenanthrene	330	293		ug/Kg		89	48 - 120	1	20
Anthracene	330	316		ug/Kg		96	52 - 120	2	20
Benzo[a]anthracene	330	305		ug/Kg		92	52 - 120	1	20
Chrysene	330	303		ug/Kg		92	54 - 120	0	20
Benzo[a]pyrene	330	345		ug/Kg		105	54 - 120	0	20
Benzo[b]fluoranthene	330	333		ug/Kg		101	51 - 120	3	20
Benzo[k]fluoranthene	330	380		ug/Kg		115	56 - 120	6	20
Benzo[g,h,i]perylene	330	305		ug/Kg		92	48 - 120	2	20
Indeno[1,2,3-cd]pyrene	330	308		ug/Kg		93	48 - 120	2	20
Fluoranthene	330	313		ug/Kg		95	57 - 120	1	20
Pyrene	330	354		ug/Kg		107	53 - 120	0	20
Dibenz(a,h)anthracene	330	296		ug/Kg		90	50 - 120	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*91*		*33 - 120*
Terphenyl-d14	*105*		*35 - 146*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-33272-A-7-C MS
Matrix: Solid
Analysis Batch: 86281

Client Sample ID: 720-33272-A-7-C MS
Prep Type: Total/NA
Prep Batch: 86273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	ND		333	274		ug/Kg		82	32 - 120
Acenaphthene	ND		333	309		ug/Kg		92	33 - 120
Acenaphthylene	ND		333	299		ug/Kg		90	28 - 120
Fluorene	ND		333	292		ug/Kg		86	35 - 120
Phenanthrene	46		333	278		ug/Kg		70	28 - 120
Anthracene	23		333	364		ug/Kg		102	36 - 120
Benzo[a]anthracene	61		333	298		ug/Kg		71	29 - 120
Chrysene	69		333	351		ug/Kg		85	29 - 120
Benzo[a]pyrene	48		333	363		ug/Kg		94	24 - 120
Benzo[b]fluoranthene	61		333	348		ug/Kg		86	17 - 132
Benzo[k]fluoranthene	36		333	385		ug/Kg		105	35 - 120
Benzo[g,h,i]perylene	19		333	259		ug/Kg		72	21 - 120
Indeno[1,2,3-cd]pyrene	17		333	263		ug/Kg		74	20 - 126
Fluoranthene	96		333	342		ug/Kg		74	24 - 120
Pyrene	120		333	421		ug/Kg		91	24 - 123
Dibenz(a,h)anthracene	ND		333	243		ug/Kg		71	36 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*33 - 120*
Terphenyl-d14	*96*		*35 - 146*

Lab Sample ID: 720-33272-A-7-D MSD
Matrix: Solid
Analysis Batch: 86281

Client Sample ID: 720-33272-A-7-D MSD
Prep Type: Total/NA
Prep Batch: 86273

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	ND		331	278		ug/Kg		84	32 - 120	1	20
Acenaphthene	ND		331	308		ug/Kg		92	33 - 120	0	20
Acenaphthylene	ND		331	296		ug/Kg		90	28 - 120	1	20
Fluorene	ND		331	299		ug/Kg		89	35 - 120	2	20
Phenanthrene	46		331	399	F	ug/Kg		107	28 - 120	36	20
Anthracene	23		331	406		ug/Kg		116	36 - 120	11	20
Benzo[a]anthracene	61		331	389	F	ug/Kg		99	29 - 120	27	20
Chrysene	69		331	399		ug/Kg		100	29 - 120	13	20
Benzo[a]pyrene	48		331	396		ug/Kg		105	24 - 120	9	20
Benzo[b]fluoranthene	61		331	428	F	ug/Kg		111	17 - 132	21	20
Benzo[k]fluoranthene	36		331	347		ug/Kg		94	35 - 120	10	20
Benzo[g,h,i]perylene	19		331	274		ug/Kg		77	21 - 120	6	20
Indeno[1,2,3-cd]pyrene	17		331	277		ug/Kg		79	20 - 126	5	20
Fluoranthene	96		331	488	F	ug/Kg		118	24 - 120	35	20
Pyrene	120		331	570	F	ug/Kg		137	24 - 123	30	20
Dibenz(a,h)anthracene	ND		331	251		ug/Kg		74	36 - 120	3	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*89*		*33 - 120*
Terphenyl-d14	*97*		*35 - 146*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 720-86284/1-A
Matrix: Solid
Analysis Batch: 86246

Client Sample ID: MB 720-86284/1-A
Prep Type: Total/NA
Prep Batch: 86284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/15/11 13:42	02/15/11 17:40	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/15/11 13:42	02/15/11 17:40	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*94*		*31 - 114*	*02/15/11 13:42*	*02/15/11 17:40*	*1*

Lab Sample ID: LCS 720-86284/2-A
Matrix: Solid
Analysis Batch: 86246

Client Sample ID: LCS 720-86284/2-A
Prep Type: Total/NA
Prep Batch: 86284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	82.3	73.4		mg/Kg		89	59 - 134

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*100*		*31 - 114*

Lab Sample ID: LCSD 720-86284/3-A
Matrix: Solid
Analysis Batch: 86246

Client Sample ID: LCSD 720-86284/3-A
Prep Type: Total/NA
Prep Batch: 86284

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.1	80.5		mg/Kg		97	59 - 134	9	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*108*		*31 - 114*

Lab Sample ID: 720-33352-A-1-B MS
Matrix: Solid
Analysis Batch: 86245

Client Sample ID: 720-33352-A-1-B MS
Prep Type: Total/NA
Prep Batch: 86284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	8.9		82.8	89.7		mg/Kg		98	50 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*89*		*31 - 114*

Lab Sample ID: 720-33352-A-1-C MSD
Matrix: Solid
Analysis Batch: 86245

Client Sample ID: 720-33352-A-1-C MSD
Prep Type: Total/NA
Prep Batch: 86284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	8.9		82.8	93.4		mg/Kg		102	50 - 130	4	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*84*		*31 - 114*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-86328/1-A
Matrix: Solid
Analysis Batch: 86382

Client Sample ID: MB 720-86328/1-A
Prep Type: Total/NA
Prep Batch: 86328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Dieldrin	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endrin aldehyde	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endrin	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endrin ketone	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Heptachlor	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
4,4'-DDT	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
4,4'-DDE	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
4,4'-DDD	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endosulfan I	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endosulfan II	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
alpha-BHC	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
beta-BHC	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
delta-BHC	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Methoxychlor	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Toxaphene	ND		40		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
Chlordane (technical)	ND		40		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
alpha-Chlordane	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1
gamma-Chlordane	ND		2.0		ug/Kg		02/16/11 11:26	02/17/11 14:37	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*45 - 119*	*02/16/11 11:26*	*02/17/11 14:37*	*1*
DCB Decachlorobiphenyl	*100*		*27 - 136*	*02/16/11 11:26*	*02/17/11 14:37*	*1*

Lab Sample ID: LCS 720-86328/2-A
Matrix: Solid
Analysis Batch: 86382

Client Sample ID: LCS 720-86328/2-A
Prep Type: Total/NA
Prep Batch: 86328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	16.5	13.6		ug/Kg		82	54 - 120
Dieldrin	16.5	14.3		ug/Kg		86	59 - 120
Endrin	16.5	14.7		ug/Kg		89	53 - 120
Heptachlor	16.5	14.4		ug/Kg		87	54 - 120
4,4'-DDT	16.5	15.1		ug/Kg		92	51 - 120
gamma-BHC (Lindane)	16.5	14.6		ug/Kg		88	58 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*45 - 119*
DCB Decachlorobiphenyl	*93*		*27 - 136*

Lab Sample ID: LCSD 720-86328/3-A
Matrix: Solid
Analysis Batch: 86382

Client Sample ID: LCSD 720-86328/3-A
Prep Type: Total/NA
Prep Batch: 86328

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aldrin	16.5	13.3		ug/Kg		81	54 - 120	2	20

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 720-86328/3-A
Matrix: Solid
Analysis Batch: 86382

Client Sample ID: LCSD 720-86328/3-A
Prep Type: Total/NA
Prep Batch: 86328

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dieldrin			16.5	14.2		ug/Kg		86	59 - 120	1	20
Endrin			16.5	14.3		ug/Kg		87	53 - 120	2	20
Heptachlor			16.5	13.7		ug/Kg		83	54 - 120	5	22
4,4'-DDT			16.5	15.3		ug/Kg		93	51 - 120	1	21
gamma-BHC (Lindane)			16.5	13.9		ug/Kg		84	58 - 120	5	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*45 - 119*
DCB Decachlorobiphenyl	*100*		*27 - 136*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-86421/1-A
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: MB 720-86421/1-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Arsenic	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Barium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Beryllium	ND		0.10		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Cadmium	ND		0.12		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Chromium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Cobalt	ND		0.20		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Copper	ND		1.5		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Lead	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Molybdenum	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Nickel	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Selenium	ND		1.0		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Silver	ND		0.25		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Thallium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Vanadium	ND		0.50		mg/Kg		02/17/11 15:32	02/22/11 10:01	1
Zinc	ND		1.5		mg/Kg		02/17/11 15:32	02/22/11 10:01	1

Lab Sample ID: LCS 720-86421/2-A
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: LCS 720-86421/2-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony			50.0	51.2		mg/Kg		102	80 - 120
Arsenic			50.0	48.1		mg/Kg		96	80 - 120
Barium			50.0	51.6		mg/Kg		103	80 - 120
Beryllium			50.0	52.2		mg/Kg		104	80 - 120
Cadmium			50.0	51.8		mg/Kg		104	80 - 120
Chromium			50.0	52.5		mg/Kg		105	80 - 120
Cobalt			50.0	52.1		mg/Kg		104	80 - 120
Copper			50.0	52.8		mg/Kg		106	80 - 120
Lead			50.0	52.4		mg/Kg		105	80 - 120
Molybdenum			50.0	54.2		mg/Kg		108	80 - 120
Nickel			50.0	52.7		mg/Kg		105	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86421/2-A
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: LCS 720-86421/2-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Selenium	50.0	51.0		mg/Kg		102	80 - 120
Silver	25.0	26.3		mg/Kg		105	80 - 120
Thallium	50.0	52.6		mg/Kg		105	80 - 120
Vanadium	50.0	52.3		mg/Kg		105	80 - 120
Zinc	50.0	51.4		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 720-86421/3-A
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: LCSD 720-86421/3-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	49.8		mg/Kg		100	80 - 120	3	20
Arsenic	50.0	47.0		mg/Kg		94	80 - 120	2	20
Barium	50.0	50.5		mg/Kg		101	80 - 120	2	20
Beryllium	50.0	51.0		mg/Kg		102	80 - 120	2	20
Cadmium	50.0	50.5		mg/Kg		101	80 - 120	3	20
Chromium	50.0	51.2		mg/Kg		102	80 - 120	2	20
Cobalt	50.0	50.8		mg/Kg		102	80 - 120	2	20
Copper	50.0	51.7		mg/Kg		103	80 - 120	2	20
Lead	50.0	51.1		mg/Kg		102	80 - 120	3	20
Molybdenum	50.0	53.0		mg/Kg		106	80 - 120	2	20
Nickel	50.0	51.6		mg/Kg		103	80 - 120	2	20
Selenium	50.0	49.8		mg/Kg		100	80 - 120	2	20
Silver	25.0	25.8		mg/Kg		103	80 - 120	2	20
Thallium	50.0	51.4		mg/Kg		103	80 - 120	2	20
Vanadium	50.0	51.0		mg/Kg		102	80 - 120	2	20
Zinc	50.0	50.2		mg/Kg		100	80 - 120	2	20

Lab Sample ID: LCSSRM 720-86421/25-A
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: LCSSRM 720-86421/25-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	105	51.3		mg/Kg		49	11 - 101
Arsenic	79.4	70.0		mg/Kg		88	69 - 119
Barium	391	348		mg/Kg		89	61 - 117
Beryllium	304	280		mg/Kg		92	56 - 102
Chromium	171	160		mg/Kg		94	67 - 121
Cobalt	59.2	52.3		mg/Kg		88	64 - 133
Lead	181	155		mg/Kg		86	62 - 113
Nickel	76.0	68.8		mg/Kg		91	65 - 117
Selenium	76.9	71.4		mg/Kg		93	63 - 126
Silver	29.1	26.7		mg/Kg		92	51 - 130
Thallium	192	164		mg/Kg		85	64 - 124
Vanadium	213	202		mg/Kg		95	67 - 123
Zinc	256	222		mg/Kg		87	62 - 110

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86421/25-A
Matrix: Solid
Analysis Batch: 86602

Client Sample ID: LCSSRM 720-86421/25-A
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	48.3	39.6		mg/Kg		82	67 - 118
Copper	327	291		mg/Kg		89	68 - 126
Molybdenum	156	135		mg/Kg		87	62 - 128

Lab Sample ID: 720-33357-15 MS
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: C10-5
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		49.5	12.1	F	mg/Kg		24	75 - 125
Arsenic	4.6		49.5	48.1		mg/Kg		88	75 - 125
Barium	160		49.5	185	F	mg/Kg		56	75 - 125
Beryllium	ND		49.5	50.1		mg/Kg		101	75 - 125
Chromium	71		49.5	116		mg/Kg		90	75 - 125
Cobalt	14		49.5	62.5		mg/Kg		97	75 - 125
Lead	8.0		49.5	53.7		mg/Kg		92	75 - 125
Molybdenum	ND		49.5	46.2		mg/Kg		92	75 - 125
Nickel	150		49.5	197		mg/Kg		94	75 - 125
Selenium	ND		49.5	47.1		mg/Kg		95	75 - 125
Silver	ND		24.8	25.1		mg/Kg		101	75 - 125
Thallium	ND		49.5	47.5		mg/Kg		96	75 - 125
Vanadium	28		49.5	76.0		mg/Kg		98	75 - 125
Zinc	47		49.5	96.1		mg/Kg		99	75 - 125

Lab Sample ID: 720-33357-15 MS
Matrix: Solid
Analysis Batch: 86602

Client Sample ID: C10-5
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	ND		49.5	45.2		mg/Kg		91	75 - 125
Copper	28		49.5	75.5		mg/Kg		96	75 - 125

Lab Sample ID: 720-33357-15 MSD
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: C10-5
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		51.0	11.1	F	mg/Kg		22	75 - 125	9	20
Arsenic	4.6		51.0	50.0		mg/Kg		89	75 - 125	4	20
Barium	160		51.0	310	F	mg/Kg		298	75 - 125	50	20
Beryllium	ND		51.0	50.8		mg/Kg		99	75 - 125	1	20
Chromium	71		51.0	150	F	mg/Kg		153	75 - 125	25	20
Cobalt	14		51.0	63.5		mg/Kg		96	75 - 125	2	20
Lead	8.0		51.0	55.6		mg/Kg		93	75 - 125	4	20
Molybdenum	ND		51.0	48.1		mg/Kg		93	75 - 125	4	20
Nickel	150		51.0	219	F	mg/Kg		133	75 - 125	10	20
Selenium	ND		51.0	49.0		mg/Kg		96	75 - 125	4	20
Silver	ND		25.5	25.6		mg/Kg		101	75 - 125	2	20
Thallium	ND		51.0	48.6		mg/Kg		95	75 - 125	2	20
Vanadium	28		51.0	79.7		mg/Kg		102	75 - 125	5	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33357-15 MSD
Matrix: Solid
Analysis Batch: 86580

Client Sample ID: C10-5
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Zinc	47		51.0	97.9		mg/Kg		100	75 - 125	2	20

Lab Sample ID: 720-33357-15 MSD
Matrix: Solid
Analysis Batch: 86602

Client Sample ID: C10-5
Prep Type: Total/NA
Prep Batch: 86421

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cadmium	ND		51.0	44.9		mg/Kg		88	75 - 125	1	20
Copper	28		51.0	78.0		mg/Kg		98	75 - 125	3	20

Lab Sample ID: MB 720-86559/1-A
Matrix: Solid
Analysis Batch: 86612

Client Sample ID: MB 720-86559/1-A
Prep Type: Total/NA
Prep Batch: 86559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Arsenic	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Barium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Beryllium	ND		0.10		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Cadmium	ND		0.12		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Chromium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Cobalt	ND		0.20		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Copper	ND		1.5		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Lead	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Nickel	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Selenium	ND		1.0		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Silver	ND		0.25		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Thallium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Vanadium	ND		0.50		mg/Kg		02/22/11 09:39	02/22/11 14:48	1
Zinc	ND		1.5		mg/Kg		02/22/11 09:39	02/22/11 14:48	1

Lab Sample ID: LCS 720-86559/2-A
Matrix: Solid
Analysis Batch: 86612

Client Sample ID: LCS 720-86559/2-A
Prep Type: Total/NA
Prep Batch: 86559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	48.8		mg/Kg		98	80 - 120
Arsenic	50.0	46.0		mg/Kg		92	80 - 120
Barium	50.0	49.6		mg/Kg		99	80 - 120
Beryllium	50.0	49.9		mg/Kg		100	80 - 120
Cadmium	50.0	49.0		mg/Kg		98	80 - 120
Chromium	50.0	49.8		mg/Kg		100	80 - 120
Cobalt	50.0	50.5		mg/Kg		101	80 - 120
Copper	50.0	50.2		mg/Kg		100	80 - 120
Lead	50.0	50.7		mg/Kg		101	80 - 120
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120
Nickel	50.0	49.8		mg/Kg		100	80 - 120
Selenium	50.0	48.0		mg/Kg		96	80 - 120
Silver	25.0	25.5		mg/Kg		102	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86559/2-A — **Client Sample ID: LCS 720-86559/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86612 — **Prep Batch: 86559**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Thallium	50.0	50.2		mg/Kg		100	80 - 120
Vanadium	50.0	50.5		mg/Kg		101	80 - 120
Zinc	50.0	49.8		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 720-86559/3-A — **Client Sample ID: LCSD 720-86559/3-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86612 — **Prep Batch: 86559**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	48.3		mg/Kg		97	80 - 120	1	20
Arsenic	50.0	45.0		mg/Kg		90	80 - 120	2	20
Barium	50.0	48.9		mg/Kg		98	80 - 120	1	20
Beryllium	50.0	49.0		mg/Kg		98	80 - 120	2	20
Cadmium	50.0	47.8		mg/Kg		96	80 - 120	2	20
Chromium	50.0	48.8		mg/Kg		98	80 - 120	2	20
Cobalt	50.0	49.4		mg/Kg		99	80 - 120	2	20
Copper	50.0	49.1		mg/Kg		98	80 - 120	2	20
Lead	50.0	49.8		mg/Kg		100	80 - 120	2	20
Molybdenum	50.0	50.6		mg/Kg		101	80 - 120	1	20
Nickel	50.0	48.8		mg/Kg		98	80 - 120	2	20
Selenium	50.0	47.0		mg/Kg		94	80 - 120	2	20
Silver	25.0	25.0		mg/Kg		100	80 - 120	2	20
Thallium	50.0	49.4		mg/Kg		99	80 - 120	2	20
Vanadium	50.0	49.4		mg/Kg		99	80 - 120	2	20
Zinc	50.0	48.6		mg/Kg		97	80 - 120	2	20

Lab Sample ID: LCSSRM 720-86559/14-A — **Client Sample ID: LCSSRM 720-86559/14-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86612 — **Prep Batch: 86559**

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	105	60.5		mg/Kg		58	11 - 101
Arsenic	79.4	67.0		mg/Kg		84	69 - 119
Barium	391	332		mg/Kg		85	61 - 117
Beryllium	304	269		mg/Kg		89	56 - 102
Cadmium	48.3	41.1		mg/Kg		85	67 - 118
Chromium	171	151		mg/Kg		88	67 - 121
Cobalt	59.2	51.3		mg/Kg		87	64 - 133
Copper	327	298		mg/Kg		91	68 - 126
Lead	181	153		mg/Kg		84	62 - 113
Molybdenum	156	144		mg/Kg		92	62 - 128
Nickel	76.0	64.9		mg/Kg		85	65 - 117
Selenium	76.9	67.3		mg/Kg		87	63 - 126
Silver	29.1	26.5		mg/Kg		91	51 - 130
Thallium	192	158		mg/Kg		82	64 - 124
Vanadium	213	193		mg/Kg		91	67 - 123
Zinc	256	219		mg/Kg		85	62 - 110

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33357-24 MS
Matrix: Solid
Analysis Batch: 86612

Client Sample ID: C14-5
Prep Type: Total/NA
Prep Batch: 86559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		47.6	21.5	F	mg/Kg		44	75 - 125
Arsenic	ND		47.6	45.3		mg/Kg		89	75 - 125
Barium	110		47.6	170		mg/Kg		117	75 - 125
Beryllium	ND		47.6	47.0		mg/Kg		99	75 - 125
Cadmium	ND		47.6	45.2		mg/Kg		95	75 - 125
Chromium	52		47.6	96.2		mg/Kg		94	75 - 125
Cobalt	17		47.6	57.4		mg/Kg		84	75 - 125
Copper	20		47.6	70.7		mg/Kg		106	75 - 125
Lead	5.0		47.6	51.3		mg/Kg		97	75 - 125
Molybdenum	2.5		47.6	46.4		mg/Kg		92	75 - 125
Nickel	160		47.6	163	F	mg/Kg		15	75 - 125
Selenium	ND		47.6	44.8		mg/Kg		94	75 - 125
Silver	ND		23.8	24.3		mg/Kg		102	75 - 125
Thallium	ND		47.6	46.0		mg/Kg		95	75 - 125
Vanadium	19		47.6	70.3		mg/Kg		108	75 - 125
Zinc	34		47.6	89.3		mg/Kg		116	75 - 125

Lab Sample ID: 720-33357-24 MSD
Matrix: Solid
Analysis Batch: 86612

Client Sample ID: C14-5
Prep Type: Total/NA
Prep Batch: 86559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		48.5	20.0	F	mg/Kg		40	75 - 125	8	20
Arsenic	ND		48.5	47.1		mg/Kg		91	75 - 125	4	20
Barium	110		48.5	165		mg/Kg		103	75 - 125	3	20
Beryllium	ND		48.5	48.9		mg/Kg		101	75 - 125	4	20
Cadmium	ND		48.5	46.6		mg/Kg		96	75 - 125	3	20
Chromium	52		48.5	96.9		mg/Kg		93	75 - 125	1	20
Cobalt	17		48.5	58.9		mg/Kg		86	75 - 125	3	20
Copper	20		48.5	71.2		mg/Kg		105	75 - 125	1	20
Lead	5.0		48.5	52.6		mg/Kg		98	75 - 125	3	20
Molybdenum	2.5		48.5	46.8		mg/Kg		91	75 - 125	1	20
Nickel	160		48.5	173	F	mg/Kg		36	75 - 125	6	20
Selenium	ND		48.5	45.7		mg/Kg		94	75 - 125	2	20
Silver	ND		24.3	25.1		mg/Kg		104	75 - 125	3	20
Thallium	ND		48.5	47.4		mg/Kg		96	75 - 125	3	20
Vanadium	19		48.5	69.4		mg/Kg		104	75 - 125	1	20
Zinc	34		48.5	86.4		mg/Kg		108	75 - 125	3	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86450/1-A
Matrix: Solid
Analysis Batch: 86527

Client Sample ID: MB 720-86450/1-A
Prep Type: Total/NA
Prep Batch: 86450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/18/11 09:13	02/18/11 20:26	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 720-86450/2-A — **Client Sample ID: LCS 720-86450/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86527 — **Prep Batch: 86450**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Mercury			0.833	0.900		mg/Kg		108	80 - 120		

Lab Sample ID: LCSD 720-86450/3-A — **Client Sample ID: LCSD 720-86450/3-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86527 — **Prep Batch: 86450**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.900		mg/Kg		108	80 - 120	0	20

Lab Sample ID: 720-33357-15 MS — **Client Sample ID: C10-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86527 — **Prep Batch: 86450**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Mercury	0.066		0.847	1.08		mg/Kg		119	75 - 125		

Lab Sample ID: 720-33357-15 MSD — **Client Sample ID: C10-5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86527 — **Prep Batch: 86450**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.066		0.794	1.04		mg/Kg		123	75 - 125	3	20

Lab Sample ID: MB 720-86568/1-A — **Client Sample ID: MB 720-86568/1-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86620 — **Prep Batch: 86568**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 10:50	02/22/11 15:34	1

Lab Sample ID: LCS 720-86568/2-A — **Client Sample ID: LCS 720-86568/2-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86620 — **Prep Batch: 86568**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Mercury			0.833	0.858		mg/Kg		103	80 - 120		

Lab Sample ID: LCSD 720-86568/3-A — **Client Sample ID: LCSD 720-86568/3-A**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86620 — **Prep Batch: 86568**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.875		mg/Kg		105	80 - 120	2	20

Lab Sample ID: 720-33387-A-2-H MS — **Client Sample ID: 720-33387-A-2-H MS**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 86620 — **Prep Batch: 86568**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Mercury	0.049		0.877	1.04		mg/Kg		113	75 - 125		

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 720-33387-A-2-I MSD
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: 720-33387-A-2-I MSD
Prep Type: Total/NA
Prep Batch: 86568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.049		0.820	0.992		mg/Kg		115	75 - 125	5	20

GC/MS VOA

Analysis Batch: 86291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-1	C3-20	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-2	C--30	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-5	C7-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-8	C9-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-9	C9-60	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-10	C8-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-13	C10-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-16	C11-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-18	C12-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-20	C13-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
720-33357-23	C14-2	Total/NA	Solid	8260B/CA_LUF TMS	86351
MB 720-86351/1-A	MB 720-86351/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86351
LCS 720-86351/2-A	LCS 720-86351/2-A	Total/NA	Solid	8260B/CA_LUF TMS	86351
LCSD 720-86351/3-A	LCSD 720-86351/3-A	Total/NA	Solid	8260B/CA_LUF TMS	86351
LCS 720-86351/4-A	LCS 720-86351/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86351
LCSD 720-86351/5-A	LCSD 720-86351/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86351

Prep Batch: 86351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86351/1-A	MB 720-86351/1-A	Total/NA	Solid	5035	
720-33357-9	C9-60	Total/NA	Solid	5035	
720-33357-10	C8-2	Total/NA	Solid	5035	
720-33357-13	C10-2	Total/NA	Solid	5035	
720-33357-16	C11-2	Total/NA	Solid	5035	
720-33357-18	C12-2	Total/NA	Solid	5035	
720-33357-20	C13-2	Total/NA	Solid	5035	
720-33357-23	C14-2	Total/NA	Solid	5035	
LCS 720-86351/2-A	LCS 720-86351/2-A	Total/NA	Solid	5035	
LCSD 720-86351/3-A	LCSD 720-86351/3-A	Total/NA	Solid	5035	
LCS 720-86351/4-A	LCS 720-86351/4-A	Total/NA	Solid	5035	
LCSD 720-86351/5-A	LCSD 720-86351/5-A	Total/NA	Solid	5035	
720-33357-1	C3-20	Total/NA	Solid	5035	
720-33357-2	C--30	Total/NA	Solid	5035	
720-33357-5	C7-2	Total/NA	Solid	5035	
720-33357-8	C9-2	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 86273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86273/1-A	MB 720-86273/1-A	Total/NA	Solid	3550B	
720-33357-10	C8-2	Total/NA	Solid	3550B	
720-33357-13	C10-2	Total/NA	Solid	3550B	

GC/MS Semi VOA (Continued)

Prep Batch: 86273 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-14	C10-60	Total/NA	Solid	3550B	
720-33357-16	C11-2	Total/NA	Solid	3550B	
720-33357-18	C12-2	Total/NA	Solid	3550B	
720-33357-20	C13-2	Total/NA	Solid	3550B	
720-33357-23	C14-2	Total/NA	Solid	3550B	
LCS 720-86273/2-A	LCS 720-86273/2-A	Total/NA	Solid	3550B	
LCSD 720-86273/3-A	LCSD 720-86273/3-A	Total/NA	Solid	3550B	
720-33272-A-7-C MS	720-33272-A-7-C MS	Total/NA	Solid	3550B	
720-33272-A-7-D MSD	720-33272-A-7-D MSD	Total/NA	Solid	3550B	
720-33357-5	C7-2	Total/NA	Solid	3550B	
720-33357-8	C9-2	Total/NA	Solid	3550B	
720-33357-9	C9-60	Total/NA	Solid	3550B	

Analysis Batch: 86281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86273/2-A	LCS 720-86273/2-A	Total/NA	Solid	8270C SIM	86273
LCSD 720-86273/3-A	LCSD 720-86273/3-A	Total/NA	Solid	8270C SIM	86273
MB 720-86273/1-A	MB 720-86273/1-A	Total/NA	Solid	8270C SIM	86273
720-33272-A-7-C MS	720-33272-A-7-C MS	Total/NA	Solid	8270C SIM	86273
720-33272-A-7-D MSD	720-33272-A-7-D MSD	Total/NA	Solid	8270C SIM	86273

Analysis Batch: 86325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-8	C9-2	Total/NA	Solid	8270C SIM	86273
720-33357-9	C9-60	Total/NA	Solid	8270C SIM	86273
720-33357-10	C8-2	Total/NA	Solid	8270C SIM	86273
720-33357-13	C10-2	Total/NA	Solid	8270C SIM	86273
720-33357-16	C11-2	Total/NA	Solid	8270C SIM	86273
720-33357-18	C12-2	Total/NA	Solid	8270C SIM	86273
720-33357-20	C13-2	Total/NA	Solid	8270C SIM	86273
720-33357-23	C14-2	Total/NA	Solid	8270C SIM	86273
720-33357-14	C10-60	Total/NA	Solid	8270C SIM	86273
720-33357-5	C7-2	Total/NA	Solid	8270C SIM	86273

GC Semi VOA

Analysis Batch: 86245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33352-A-1-C MSD	720-33352-A-1-C MSD	Total/NA	Solid	8015B	86284
720-33352-A-1-B MS	720-33352-A-1-B MS	Total/NA	Solid	8015B	86284

Analysis Batch: 86246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86284/1-A	MB 720-86284/1-A	Total/NA	Solid	8015B	86284
LCS 720-86284/2-A	LCS 720-86284/2-A	Total/NA	Solid	8015B	86284
LCSD 720-86284/3-A	LCSD 720-86284/3-A	Total/NA	Solid	8015B	86284

Prep Batch: 86284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86284/1-A	MB 720-86284/1-A	Total/NA	Solid	3550B	
720-33357-2	C--30	Total/NA	Solid	3550B	
720-33357-5	C7-2	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 86284 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-8	C9-2	Total/NA	Solid	3550B	
720-33357-9	C9-60	Total/NA	Solid	3550B	
720-33357-10	C8-2	Total/NA	Solid	3550B	
720-33357-13	C10-2	Total/NA	Solid	3550B	
720-33357-16	C11-2	Total/NA	Solid	3550B	
720-33357-18	C12-2	Total/NA	Solid	3550B	
720-33357-20	C13-2	Total/NA	Solid	3550B	
720-33357-23	C14-2	Total/NA	Solid	3550B	
LCS 720-86284/2-A	LCS 720-86284/2-A	Total/NA	Solid	3550B	
LCSD 720-86284/3-A	LCSD 720-86284/3-A	Total/NA	Solid	3550B	
720-33352-A-1-B MS	720-33352-A-1-B MS	Total/NA	Solid	3550B	
720-33352-A-1-C MSD	720-33352-A-1-C MSD	Total/NA	Solid	3550B	
720-33357-1	C3-20	Total/NA	Solid	3550B	

Analysis Batch: 86306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-10	C8-2	Total/NA	Solid	8015B	86284

Analysis Batch: 86307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-5	C7-2	Total/NA	Solid	8015B	86284
720-33357-1	C3-20	Total/NA	Solid	8015B	86284
720-33357-2	C--30	Total/NA	Solid	8015B	86284
720-33357-8	C9-2	Total/NA	Solid	8015B	86284
720-33357-9	C9-60	Total/NA	Solid	8015B	86284
720-33357-13	C10-2	Total/NA	Solid	8015B	86284
720-33357-16	C11-2	Total/NA	Solid	8015B	86284
720-33357-18	C12-2	Total/NA	Solid	8015B	86284
720-33357-20	C13-2	Total/NA	Solid	8015B	86284
720-33357-23	C14-2	Total/NA	Solid	8015B	86284

Prep Batch: 86328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86328/1-A	MB 720-86328/1-A	Total/NA	Solid	3550B	
720-33357-5	C7-2	Total/NA	Solid	3550B	
720-33357-6	C7-60	Total/NA	Solid	3550B	
720-33357-8	C9-2	Total/NA	Solid	3550B	
720-33357-9	C9-60	Total/NA	Solid	3550B	
720-33357-10	C8-2	Total/NA	Solid	3550B	
720-33357-13	C10-2	Total/NA	Solid	3550B	
LCS 720-86328/2-A	LCS 720-86328/2-A	Total/NA	Solid	3550B	
720-33357-16	C11-2	Total/NA	Solid	3550B	
720-33357-18	C12-2	Total/NA	Solid	3550B	
720-33357-20	C13-2	Total/NA	Solid	3550B	
720-33357-23	C14-2	Total/NA	Solid	3550B	
LCSD 720-86328/3-A	LCSD 720-86328/3-A	Total/NA	Solid	3550B	

Analysis Batch: 86382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86328/1-A	MB 720-86328/1-A	Total/NA	Solid	8081A	86328
LCS 720-86328/2-A	LCS 720-86328/2-A	Total/NA	Solid	8081A	86328
LCSD 720-86328/3-A	LCSD 720-86328/3-A	Total/NA	Solid	8081A	86328

GC Semi VOA (Continued)

Analysis Batch: 86382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-5	C7-2	Total/NA	Solid	8081A	86328
720-33357-6	C7-60	Total/NA	Solid	8081A	86328
720-33357-8	C9-2	Total/NA	Solid	8081A	86328
720-33357-9	C9-60	Total/NA	Solid	8081A	86328
720-33357-10	C8-2	Total/NA	Solid	8081A	86328
720-33357-13	C10-2	Total/NA	Solid	8081A	86328
720-33357-16	C11-2	Total/NA	Solid	8081A	86328
720-33357-18	C12-2	Total/NA	Solid	8081A	86328
720-33357-20	C13-2	Total/NA	Solid	8081A	86328
720-33357-23	C14-2	Total/NA	Solid	8081A	86328

Metals

Prep Batch: 86421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86421/1-A	MB 720-86421/1-A	Total/NA	Solid	3050B	
720-33357-10	C8-2	Total/NA	Solid	3050B	
720-33357-11	C8-5	Total/NA	Solid	3050B	
720-33357-11	C8-5	Total/NA	Solid	3050B	
720-33357-12	C9-5	Total/NA	Solid	3050B	
720-33357-12	C9-5	Total/NA	Solid	3050B	
720-33357-13	C10-2	Total/NA	Solid	3050B	
720-33357-13	C10-2	Total/NA	Solid	3050B	
720-33357-15 MS	C10-5	Total/NA	Solid	3050B	
720-33357-15 MS	C10-5	Total/NA	Solid	3050B	
720-33357-15 MSD	C10-5	Total/NA	Solid	3050B	
720-33357-15 MSD	C10-5	Total/NA	Solid	3050B	
720-33357-15	C10-5	Total/NA	Solid	3050B	
720-33357-15	C10-5	Total/NA	Solid	3050B	
720-33357-16	C11-2	Total/NA	Solid	3050B	
720-33357-16	C11-2	Total/NA	Solid	3050B	
720-33357-17	C11-5	Total/NA	Solid	3050B	
720-33357-17	C11-5	Total/NA	Solid	3050B	
720-33357-18	C12-2	Total/NA	Solid	3050B	
720-33357-18	C12-2	Total/NA	Solid	3050B	
LCS 720-86421/2-A	LCS 720-86421/2-A	Total/NA	Solid	3050B	
720-33357-19	C12-5	Total/NA	Solid	3050B	
720-33357-19	C12-5	Total/NA	Solid	3050B	
720-33357-20	C13-2	Total/NA	Solid	3050B	
720-33357-20	C13-2	Total/NA	Solid	3050B	
720-33357-21	C13-5	Total/NA	Solid	3050B	
720-33357-21	C13-5	Total/NA	Solid	3050B	
720-33357-22	C13-60	Total/NA	Solid	3050B	
720-33357-22	C13-60	Total/NA	Solid	3050B	
720-33357-23	C14-2	Total/NA	Solid	3050B	
720-33357-23	C14-2	Total/NA	Solid	3050B	
LCSSRM 720-86421/25-A	LCSSRM 720-86421/25-A	Total/NA	Solid	3050B	
LCSSRM 720-86421/25-A	LCSSRM 720-86421/25-A	Total/NA	Solid	3050B	
LCSD 720-86421/3-A	LCSD 720-86421/3-A	Total/NA	Solid	3050B	
720-33357-3	C6-5	Total/NA	Solid	3050B	
720-33357-4	C6-60	Total/NA	Solid	3050B	
720-33357-5	C7-2	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 86421 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-7	C7-5	Total/NA	Solid	3050B	
720-33357-8	C9-2	Total/NA	Solid	3050B	
720-33357-9	C9-60	Total/NA	Solid	3050B	

Prep Batch: 86450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86450/1-A	MB 720-86450/1-A	Total/NA	Solid	7471A	
720-33357-9	C9-60	Total/NA	Solid	7471A	
720-33357-10	C8-2	Total/NA	Solid	7471A	
720-33357-11	C8-5	Total/NA	Solid	7471A	
720-33357-12	C9-5	Total/NA	Solid	7471A	
720-33357-13	C10-2	Total/NA	Solid	7471A	
720-33357-15 MS	C10-5	Total/NA	Solid	7471A	
720-33357-15 MSD	C10-5	Total/NA	Solid	7471A	
720-33357-15	C10-5	Total/NA	Solid	7471A	
720-33357-16	C11-2	Total/NA	Solid	7471A	
720-33357-17	C11-5	Total/NA	Solid	7471A	
LCS 720-86450/2-A	LCS 720-86450/2-A	Total/NA	Solid	7471A	
720-33357-18	C12-2	Total/NA	Solid	7471A	
720-33357-19	C12-5	Total/NA	Solid	7471A	
720-33357-20	C13-2	Total/NA	Solid	7471A	
720-33357-21	C13-5	Total/NA	Solid	7471A	
720-33357-22	C13-60	Total/NA	Solid	7471A	
720-33357-23	C14-2	Total/NA	Solid	7471A	
LCSD 720-86450/3-A	LCSD 720-86450/3-A	Total/NA	Solid	7471A	
720-33357-3	C6-5	Total/NA	Solid	7471A	
720-33357-4	C6-60	Total/NA	Solid	7471A	
720-33357-5	C7-2	Total/NA	Solid	7471A	
720-33357-7	C7-5	Total/NA	Solid	7471A	
720-33357-8	C9-2	Total/NA	Solid	7471A	

Analysis Batch: 86527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-7	C7-5	Total/NA	Solid	7471A	86450
720-33357-8	C9-2	Total/NA	Solid	7471A	86450
720-33357-9	C9-60	Total/NA	Solid	7471A	86450
720-33357-10	C8-2	Total/NA	Solid	7471A	86450
720-33357-11	C8-5	Total/NA	Solid	7471A	86450
720-33357-12	C9-5	Total/NA	Solid	7471A	86450
720-33357-13	C10-2	Total/NA	Solid	7471A	86450
720-33357-15 MS	C10-5	Total/NA	Solid	7471A	86450
720-33357-15 MSD	C10-5	Total/NA	Solid	7471A	86450
720-33357-15	C10-5	Total/NA	Solid	7471A	86450
720-33357-16	C11-2	Total/NA	Solid	7471A	86450
720-33357-17	C11-5	Total/NA	Solid	7471A	86450
720-33357-18	C12-2	Total/NA	Solid	7471A	86450
720-33357-19	C12-5	Total/NA	Solid	7471A	86450
720-33357-20	C13-2	Total/NA	Solid	7471A	86450
720-33357-21	C13-5	Total/NA	Solid	7471A	86450
MB 720-86450/1-A	MB 720-86450/1-A	Total/NA	Solid	7471A	86450
720-33357-22	C13-60	Total/NA	Solid	7471A	86450
720-33357-23	C14-2	Total/NA	Solid	7471A	86450

Metals (Continued)

Analysis Batch: 86527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86450/2-A	LCS 720-86450/2-A	Total/NA	Solid	7471A	86450
LCSD 720-86450/3-A	LCSD 720-86450/3-A	Total/NA	Solid	7471A	86450
720-33357-3	C6-5	Total/NA	Solid	7471A	86450
720-33357-4	C6-60	Total/NA	Solid	7471A	86450
720-33357-5	C7-2	Total/NA	Solid	7471A	86450

Prep Batch: 86559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86559/1-A	MB 720-86559/1-A	Total/NA	Solid	3050B	
LCSSRM 720-86559/14-A	LCSSRM 720-86559/14-A	Total/NA	Solid	3050B	
LCS 720-86559/2-A	LCS 720-86559/2-A	Total/NA	Solid	3050B	
LCSD 720-86559/3-A	LCSD 720-86559/3-A	Total/NA	Solid	3050B	
720-33357-24 MS	C14-5	Total/NA	Solid	3050B	
720-33357-24 MSD	C14-5	Total/NA	Solid	3050B	
720-33357-24	C14-5	Total/NA	Solid	3050B	
720-33357-25	C14-60	Total/NA	Solid	3050B	

Prep Batch: 86568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	
720-33387-A-2-H MS	720-33387-A-2-H MS	Total/NA	Solid	7471A	
720-33387-A-2-I MSD	720-33387-A-2-I MSD	Total/NA	Solid	7471A	
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	
720-33357-24	C14-5	Total/NA	Solid	7471A	
720-33357-25	C14-60	Total/NA	Solid	7471A	

Analysis Batch: 86580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86421/1-A	MB 720-86421/1-A	Total/NA	Solid	6010B	86421
720-33357-10	C8-2	Total/NA	Solid	6010B	86421
720-33357-11	C8-5	Total/NA	Solid	6010B	86421
720-33357-12	C9-5	Total/NA	Solid	6010B	86421
720-33357-13	C10-2	Total/NA	Solid	6010B	86421
720-33357-15 MS	C10-5	Total/NA	Solid	6010B	86421
720-33357-15 MSD	C10-5	Total/NA	Solid	6010B	86421
720-33357-15	C10-5	Total/NA	Solid	6010B	86421
720-33357-16	C11-2	Total/NA	Solid	6010B	86421
LCS 720-86421/2-A	LCS 720-86421/2-A	Total/NA	Solid	6010B	86421
720-33357-17	C11-5	Total/NA	Solid	6010B	86421
720-33357-18	C12-2	Total/NA	Solid	6010B	86421
720-33357-19	C12-5	Total/NA	Solid	6010B	86421
720-33357-20	C13-2	Total/NA	Solid	6010B	86421
720-33357-21	C13-5	Total/NA	Solid	6010B	86421
720-33357-22	C13-60	Total/NA	Solid	6010B	86421
720-33357-23	C14-2	Total/NA	Solid	6010B	86421
LCSSRM 720-86421/25-A	LCSSRM 720-86421/25-A	Total/NA	Solid	6010B	86421
LCSD 720-86421/3-A	LCSD 720-86421/3-A	Total/NA	Solid	6010B	86421
720-33357-3	C6-5	Total/NA	Solid	6010B	86421
720-33357-4	C6-60	Total/NA	Solid	6010B	86421
720-33357-5	C7-2	Total/NA	Solid	6010B	86421
720-33357-7	C7-5	Total/NA	Solid	6010B	86421

Metals (Continued)

Analysis Batch: 86580 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-8	C9-2	Total/NA	Solid	6010B	86421
720-33357-9	C9-60	Total/NA	Solid	6010B	86421

Analysis Batch: 86602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33357-11	C8-5	Total/NA	Solid	6010B	86421
720-33357-19	C12-5	Total/NA	Solid	6010B	86421
720-33357-20	C13-2	Total/NA	Solid	6010B	86421
720-33357-21	C13-5	Total/NA	Solid	6010B	86421
720-33357-22	C13-60	Total/NA	Solid	6010B	86421
720-33357-23	C14-2	Total/NA	Solid	6010B	86421
LCSSRM 720-86421/25-A	LCSSRM 720-86421/25-A	Total/NA	Solid	6010B	86421
720-33357-12	C9-5	Total/NA	Solid	6010B	86421
720-33357-13	C10-2	Total/NA	Solid	6010B	86421
720-33357-15 MS	C10-5	Total/NA	Solid	6010B	86421
720-33357-15 MSD	C10-5	Total/NA	Solid	6010B	86421
720-33357-15	C10-5	Total/NA	Solid	6010B	86421
720-33357-16	C11-2	Total/NA	Solid	6010B	86421
720-33357-17	C11-5	Total/NA	Solid	6010B	86421
720-33357-18	C12-2	Total/NA	Solid	6010B	86421

Analysis Batch: 86612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86559/1-A	MB 720-86559/1-A	Total/NA	Solid	6010B	86559
LCSSRM 720-86559/14-A	LCSSRM 720-86559/14-A	Total/NA	Solid	6010B	86559
LCS 720-86559/2-A	LCS 720-86559/2-A	Total/NA	Solid	6010B	86559
LCSD 720-86559/3-A	LCSD 720-86559/3-A	Total/NA	Solid	6010B	86559
720-33357-24 MS	C14-5	Total/NA	Solid	6010B	86559
720-33357-24 MSD	C14-5	Total/NA	Solid	6010B	86559
720-33357-24	C14-5	Total/NA	Solid	6010B	86559
720-33357-25	C14-60	Total/NA	Solid	6010B	86559

Analysis Batch: 86620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-A-2-I MSD	720-33387-A-2-I MSD	Total/NA	Solid	7471A	86568
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	86568
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	86568
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	86568
720-33357-24	C14-5	Total/NA	Solid	7471A	86568
720-33357-25	C14-60	Total/NA	Solid	7471A	86568
720-33387-A-2-H MS	720-33387-A-2-H MS	Total/NA	Solid	7471A	86568

Client Sample ID: C3-20

Lab Sample ID: 720-33357-1

Date Collected: 02/15/11 09:15

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 20:34	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 12:16	DH	TestAmerica San Francisco

Client Sample ID: C--30

Lab Sample ID: 720-33357-2

Date Collected: 02/15/11 09:45

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 21:05	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 12:40	DH	TestAmerica San Francisco

Client Sample ID: C6-5

Lab Sample ID: 720-33357-3

Date Collected: 02/15/11 10:14

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:35	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:13	EFH	TestAmerica San Francisco

Client Sample ID: C6-60

Lab Sample ID: 720-33357-4

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:38	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:17	EFH	TestAmerica San Francisco

Client Sample ID: C7-2

Lab Sample ID: 720-33357-5

Date Collected: 02/15/11 10:20

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 21:35	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		5	86325	02/16/11 18:49	ML	TestAmerica San Francisco

Client Sample ID: C7-2

Lab Sample ID: 720-33357-5

Date Collected: 02/15/11 10:20

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		5	86307	02/16/11 11:06	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 18:20	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:40	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:21	EFH	TestAmerica San Francisco

Client Sample ID: C7-60

Lab Sample ID: 720-33357-6

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 18:37	EC	TestAmerica San Francisco

Client Sample ID: C7-5

Lab Sample ID: 720-33357-7

Date Collected: 02/15/11 10:25

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:43	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:25	EFH	TestAmerica San Francisco

Client Sample ID: C9-2

Lab Sample ID: 720-33357-8

Date Collected: 02/15/11 10:35

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 22:06	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 15:18	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 13:03	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 18:54	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:45	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:29	EFH	TestAmerica San Francisco

Client Sample ID: C9-60

Lab Sample ID: 720-33357-9

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 22:36	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 15:41	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 13:27	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 19:11	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:47	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:33	EFH	TestAmerica San Francisco

Client Sample ID: C8-2

Lab Sample ID: 720-33357-10

Date Collected: 02/15/11 11:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 23:06	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 16:05	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86306	02/16/11 21:00	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 19:28	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:55	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:37	EFH	TestAmerica San Francisco

Client Sample ID: C8-5

Lab Sample ID: 720-33357-11

Date Collected: 02/15/11 11:05

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 20:58	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:50	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:27	EFH	TestAmerica San Francisco

Client Sample ID: C9-5

Lab Sample ID: 720-33357-12

Date Collected: 02/15/11 10:40

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:00	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:54	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:31	EFH	TestAmerica San Francisco

Client Sample ID: C10-2

Lab Sample ID: 720-33357-13

Date Collected: 02/15/11 12:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/15/11 23:37	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 16:28	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 13:50	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 19:46	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:02	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 10:58	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:35	EFH	TestAmerica San Francisco

Client Sample ID: C10-60

Lab Sample ID: 720-33357-14

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86325	02/16/11 18:25	ML	TestAmerica San Francisco

Client Sample ID: C10-5

Lab Sample ID: 720-33357-15

Date Collected: 02/15/11 12:05

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:09	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:10	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:48	EFH	TestAmerica San Francisco

Client Sample ID: C11-2

Lab Sample ID: 720-33357-16

Date Collected: 02/15/11 12:10

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/16/11 00:08	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 16:52	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 15:47	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 20:03	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:12	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:15	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:52	EFH	TestAmerica San Francisco

Client Sample ID: C11-5

Lab Sample ID: 720-33357-17

Date Collected: 02/15/11 12:15

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:14	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:19	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 13:56	EFH	TestAmerica San Francisco

Client Sample ID: C12-2

Lab Sample ID: 720-33357-18

Date Collected: 02/15/11 12:20

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/16/11 00:38	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 17:15	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 16:10	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 20:20	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:16	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:23	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:00	EFH	TestAmerica San Francisco

Client Sample ID: C12-5

Lab Sample ID: 720-33357-19

Date Collected: 02/15/11 12:25

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:24	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:27	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:04	EFH	TestAmerica San Francisco

Client Sample ID: C13-2

Lab Sample ID: 720-33357-20

Date Collected: 02/15/11 12:27

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/16/11 01:09	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 17:39	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 16:34	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 20:37	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:27	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:39	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:16	EFH	TestAmerica San Francisco

Client Sample ID: C13-5

Lab Sample ID: 720-33357-21

Date Collected: 02/15/11 12:30

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:29	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:43	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:21	EFH	TestAmerica San Francisco

Client Sample ID: C13-60

Lab Sample ID: 720-33357-22

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:33	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco

Client Sample ID: C13-60

Lab Sample ID: 720-33357-22

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		4	86580	02/22/11 11:47	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:25	EFH	TestAmerica San Francisco

Client Sample ID: C14-2

Lab Sample ID: 720-33357-23

Date Collected: 02/15/11 12:40

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86351	02/15/11 19:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86291	02/16/11 01:39	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86273	02/15/11 17:34	JRM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86325	02/16/11 18:02	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86284	02/15/11 17:30	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86307	02/16/11 16:58	DH	TestAmerica San Francisco
Total/NA	Prep	3550B			86328	02/16/11 13:52	AM	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86382	02/17/11 20:55	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			86450	02/18/11 09:13	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86527	02/18/11 21:35	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86421	02/17/11 15:32	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86580	02/22/11 11:52	EFH	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86602	02/22/11 14:29	EFH	TestAmerica San Francisco

Client Sample ID: C14-5

Lab Sample ID: 720-33357-24

Date Collected: 02/15/11 12:45

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			86559	02/22/11 09:39	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86612	02/22/11 15:08	BA	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 15:43	ET	TestAmerica San Francisco

Client Sample ID: C14-60

Lab Sample ID: 720-33357-25

Date Collected: 02/15/11 00:00

Matrix: Solid

Date Received: 02/15/11 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			86559	02/22/11 09:39	ET	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86612	02/22/11 15:12	BA	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 15:45	ET	TestAmerica San Francisco

Certification Summary

Client: URS Corporation
Project/Site: B1 CHESNUT

TestAmerica Job ID: 720-33357-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: URS Corporation
Project/Site: B1 CHESNUT

TestAmerica Job ID: 720-33357-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8081A	Organochlorine Pesticides (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: B1 CHESNUT

TestAmerica Job ID: 720-33357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33357-1	C3-20	Solid	02/15/11 09:15	02/15/11 15:00
720-33357-2	C--30	Solid	02/15/11 09:45	02/15/11 15:00
720-33357-3	C6-5	Solid	02/15/11 10:14	02/15/11 15:00
720-33357-4	C6-60	Solid	02/15/11 00:00	02/15/11 15:00
720-33357-5	C7-2	Solid	02/15/11 10:20	02/15/11 15:00
720-33357-6	C7-60	Solid	02/15/11 00:00	02/15/11 15:00
720-33357-7	C7-5	Solid	02/15/11 10:25	02/15/11 15:00
720-33357-8	C9-2	Solid	02/15/11 10:35	02/15/11 15:00
720-33357-9	C9-60	Solid	02/15/11 00:00	02/15/11 15:00
720-33357-10	C8-2	Solid	02/15/11 11:00	02/15/11 15:00
720-33357-11	C8-5	Solid	02/15/11 11:05	02/15/11 15:00
720-33357-12	C9-5	Solid	02/15/11 10:40	02/15/11 15:00
720-33357-13	C10-2	Solid	02/15/11 12:00	02/15/11 15:00
720-33357-14	C10-60	Solid	02/15/11 00:00	02/15/11 15:00
720-33357-15	C10-5	Solid	02/15/11 12:05	02/15/11 15:00
720-33357-16	C11-2	Solid	02/15/11 12:10	02/15/11 15:00
720-33357-17	C11-5	Solid	02/15/11 12:15	02/15/11 15:00
720-33357-18	C12-2	Solid	02/15/11 12:20	02/15/11 15:00
720-33357-19	C12-5	Solid	02/15/11 12:25	02/15/11 15:00
720-33357-20	C13-2	Solid	02/15/11 12:27	02/15/11 15:00
720-33357-21	C13-5	Solid	02/15/11 12:30	02/15/11 15:00
720-33357-22	C13-60	Solid	02/15/11 00:00	02/15/11 15:00
720-33357-23	C14-2	Solid	02/15/11 12:40	02/15/11 15:00
720-33357-24	C14-5	Solid	02/15/11 12:45	02/15/11 15:00
720-33357-25	C14-60	Solid	02/15/11 00:00	02/15/11 15:00

San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-33357

Chain of Custody Record

1296706

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

02/22/2011

Client Contact	Project Manager: Giorgio Molinario	Site Contact: G. [illegible] (LH)	Date: 2/15/2011	COC No: 1 of 3 COCs
URS Corporation	Tel/Fax:	Lab Contact:	Carrier:	Job No. 28007905
1 Montgomery St., Suite 900	Analysis Turnaround Time			SDG No.
San Francisco, CA 94014	Calendar (C) or Work Days (W)			
415.896.5858 Phone	TAT if different from Below			
415.882.9261 FAX	☐ 2 weeks regular			
Project Name: 751 CHESTNUT	☐ 1 week			
Site: CHESTNUT ST	☐ 2 days			
PO # 28007905	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPH gd BTEX 8015M	TPHd, mo 8015M	CAM 17 6010	PESTICIDES 8081A	PAHs 8270C	Sample Specific Notes:
1	C-3-2-15-20	2/15/11	915	G	S			X	X				3ENCORE, 1 SLEEVE
2	C-3-2-15-30	11	945	G	S			X	X				3 ENCORE, 1 SLEEVE
3	C-6-2-15-5	11	1014	G	S			X	X	X	X	X	1 SLEEVE 2 JARS
4	C-6-60-2-15-5	11		G	S					X			1 SLEEVE 1 JAR
5	C-7-2-15-2	11	1020	G	S			X	X	X	X	X	3 ENCORE, 1 SLEEVE
6	C-7-60-2-15-2	11		G	S						X		1 SLEEVE
7	C-7-2-15-5	11	1025	G	S					X			1 SLEEVE
8	C-9-2-15-2	11	1035	G	S			X	X	X	X	X	3 ENCORE, 1 SLEEVE
9	C-9-60-2-15-2	11		G	S			X	X	X	X	X	3 ENCORE, 1 SLEEVE
10	C-8-2-15-2	11	1100	G	S			X	X	X	X	X	3 ENCORE, 1 SLEEVE
11	C-8-2-15-5	11	1105	G	S					X			1 SLEEVE
12	C-9-2-15-5	11	1040	G	S					X			1 SLEEVE

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* *Poison B* ☐ *Unknown* ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ■ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

5.6°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	URS	2/15/11 1500			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

129670

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-33357

Cha... of Custody Record

TestAmerica
THE LEADER IN ENV...ONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Giorgio Molinario	Site Contact: G. Laggambi	Date: 2/15/2011	COC No:
URS Corporation	Tel/Fax:	Lab Contact:	Carrier:	2 of 3 COCs
1 Montgomery St., Suite 900	**Analysis Turnaround Time**			Job No. 28067905
San Francisco, CA 94014	Calendar (C) or Work Days (W)			SDG No.
415.896.5858 Phone	TAT if different from Below			
415.882.9261 FAX	☐ 2 weeks			
Project Name: TSI CHESTNUT	☐ 1 week regular			
Site: CHESTNUT ST	☐ 2 days			
PO #	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPHg + BTEX 8015M	TPHd +MO 8015M	CAM 17 6010	PESTICIDES 8081A	PAHs 8270C	Sample Specific Notes:
13	C-10-2-15-2 LH	2/15/2	1200	G	S			X	X	X	X	X	3 Encore, 1 sleeve
14	C-10-60-2-15-2	"		G	S							X	1 sleeve
15	C-10-2-15-5	"	1205	G	S					X			1 sleeve
16	C-11-2-15-2	"	1210	G	S			X	X	X	X	X	3 Encore, 1 sleeve
17	C-11-2-15-5	"	1215	G	S					X			1 sleeve
18	C-12-2-15-2	"	1220	G	S			X	X	X	X	X	3 encore, 1 sleeve
19	C-12-2-15-5	"	1225	G	S					X			1 sleeve
20	C-13-2-15-2	"	1227	G	S			X	X	X	X	X	3 encore, 1 sleeve
21	C-13-2-15-5	"	1230	G	S					X			1 sleeve
22	C-13-60-2-15-5	"		G	S					X			1 sleeve
23	C-14-2-15-2	"	1240	G	S			X	X	X	X	X	3 encore, 1 sleeve
24	C-14-2-15-5	"	1245	G	S					X			1 sleeve

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

5.6c

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	URS	2/15/2011 1500		TestAmerica	2-15-11 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

02/22/2011

San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-33357

129670

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Giorgio Molinario	Site Contact: G. Naggambi	Date: 2/15/2011	COC No:
URS Corporation	Tel/Fax:	Lab Contact:	Carrier:	3 of 3 COCs
1 Montgomery St., Suite 900	**Analysis Turnaround Time**			Job No. 280-7905
San Francisco, CA 94014	Calendar (C) or Work Days (W)			
415.896.5858 Phone	TAT if different from Below			SDG No.
415.882.9261 FAX	☐ 2 weeks regular			
Project Name: 751 CHESTNUT	☐ 1 week			
Site: CHESTNUT ST	☐ 2 days			
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPH as BTEX 8015M	TPH-DRO 8015M	CAM 17 6010	PESTICIDES 8081A	PAH 8270C	Sample Specific Notes:
25 C-14-60-215-S	2/15/11		G	S					X			1 Sleeve

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

5.6°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	URS	2/15/11 1500			2-15-11 1500
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: URS Corporation

Job Number: 720-33357-1

Login Number: 33357

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F/ NA	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.	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 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	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.	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	

AFSANEH – REVISED SAMPLE NUMBERS, 1 Des

05/05/10 rev 2.0

Sample Login Acknowledgement

Job 720-33357-1

Client Job Description:	B1 CHESNUT	**Report To:**	URS Corporation Giorgio Mollinario One Montgomery Street Suite 900 San Francisco, CA 94104-4538
Purchase Order #:	28067905		
Work Order #:			
Project Manager:	Afsaneh Salimpour		
Job Due Date:	2/22/2011		
Job TAT:	5 Days		
Max Deliverable Level:	II	**Bill To:**	URS Corporation Giorgio Mollinario One Montgomery Street Suite 900 San Francisco, CA 94104-4538
Earliest Deliverable Due:	2/22/2011		

Login 720-33357

Sample Receipt:	2/15/2011 3:00:00 PM	**Number of Coolers:**	0
Method of Delivery:	Client Drop off	**Cooler Temperature(s) (C°):**	

Lab Sample # / Method	Client Sample ID / Method Description / Work Location	Date Sampled	Matrix	Rpt Basis	Dry / Wet **
720-33357-1	~~G-3-2-15-20-e~~ C3-20	**2/15/2011 9:15:00 AM**	**Solid**		
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
720-33357-2	~~G-3-2-15-30~~ C3-30	**2/15/2011 9:45:00 AM**	**Solid**		
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
720-33357-3	~~G-6-2-15-5~~ C6-5	**2/15/2011 10:14:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
720-33357-4	~~G-6-60-2-15-5~~ C6-60	**2/15/2011 12:00:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
720-33357-5	~~G-7-2-15-2~~ C7-2	**2/15/2011 10:20:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33357-6	~~G-7-60-2-15-2~~ C7-60	**2/15/2011 12:00:00 AM**	**Solid**		
8081A	Organochlorine Pesticides (GC) / In-Lab			Total	Wet
720-33357-7	~~G-7-2-15-5~~ C7-5	**2/15/2011 10:25:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
720-33357-8	~~G-9-2-15-2~~ C9-2	**2/15/2011 10:35:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33357-9	~~G-9-60-2-15-2~~ C9-60	**2/15/2011 12:00:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

Sample Login Acknowledgement

Lab Sample # / Method	Client Sample ID / Method Description / Work Location	Date Sampled	Matrix / Rpt Basis	Dry / Wet **
720-33357-10	~~C-8-2-15-2~~ C8-2	**2/15/2011 11:00:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-11	~~C-8-2-15-5~~ C8-5	**2/15/2011 11:05:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
720-33357-12	~~C-9-2-15-5~~ C9-5	**2/15/2011 10:40:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
720-33357-13	~~C-10-2-15-2~~ C10-2	**2/15/2011 12:00:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-14	~~C-10-60-2-15-2~~ C10-60	**2/15/2011 12:00:00 AM**	**Solid**	
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-15	~~C-10-2-15-5~~ C10-5	**2/15/2011 12:05:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
720-33357-16	~~C-11-2-15-2~~ C11-2	**2/15/2011 12:10:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-17	~~C-11-2-15-5~~ C11-5	**2/15/2011 12:15:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
720-33357-18	~~C-12-2-15-2~~ C12-2	**2/15/2011 12:20:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-19	~~C-12-2-15-5~~ C12-5	**2/15/2011 12:25:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
720-33357-20	~~C-13-2-15-2~~ C13-2	**2/15/2011 12:27:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33357-21	~~C-13-2-15-5~~ C13-5	**2/15/2011 12:30:00 PM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

Sample Login Acknowledgement

Lab Sample #	Client Sample ID	Date Sampled	Matrix		
Method	**Method Description / Work Location**			**Rpt Basis**	**Dry / Wet ****
720-33357-22	~~C-13-60-2.15-5~~ C13-60	**2/15/2011 12:00:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
720-33357-23	~~C-14-2.15-2~~ C14-2	**2/15/2011 12:40:00 PM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8081A	Organochlorine Pesticides (GC) / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33357-24	~~C-14-2.15-5~~ C14-5	**2/15/2011 12:45:00 PM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
720-33357-25	~~C-14-60-2.15-5~~ C14-60	**2/15/2011 12:00:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

LEVEL III Data Validation Report

PROJECT: Chestnut Street

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33387

SAMPLES: C2-2, C2-5, C2-20, C2-30, C2-60, C4-2, C4-60, C5-5, C5-2, C1-2, C1-5

MATRIX: Soil

Analysis	BTEX/Gasoline Range Organics (C5-C12) 8260B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C2-5, C5-2)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C2-2 and C2-60; C4-2 and C4-60)	✓
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut Street

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33387

SAMPLES: C2-2, C2-5, C2-60, C4-2, C4-5, C5-5, C5-2, C1-2, C1-5

MATRIX: Soil

Analysis	PAHs 8270C SIM
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C2-5, C5-2)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C2-2 and C2-60)	✓
Field/Equipment Blanks	NA
Reporting Limits	Note 1

✓ – QC criteria were met.

Notes: 1. Due to the presence of non-target analytes, the following dilutions were required:

Sample	Dilution Factor
C1-2, C2-60, C5-5	2
C1-5, C4-5	5

Reporting limits were increased by the same factors as the dilutions.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut Street

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33387

SAMPLES: C2-2, C2-5, C2-60, C4-2, C4-5, C5-5, C5-2, C1-2, C1-5, C2-20, C2-30, C4-60

MATRIX: Soil

Analysis	Diesel Range Organics (C10-C28) Motor Oil Organics (C24-C36) 8015B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C2-5)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C2-2 and C2-60, C4-2 and C4-60)	✓
Field/Equipment Blanks	NA
Reporting Limits	Note 1

✓ – QC criteria were met.

Notes: 1. In order to quantitate target analytes, the following dilutions were required:

Sample	Dilution Factor
C5-5, C2-60	2
C4-5	5

Reporting limits were increased by the same factors as the dilutions. Reported concentrations exceeded the elevated reporting limits.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut Street

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33387

SAMPLES: C2-2, C2-5, C2-60, C4-2, C4-5, C5-5, C5-2, C1-2, C1-5

MATRIX: Soil

Analysis	CAM 17 Metals 6010B/Hg by 7171A
Holding Time	✓
MS/MSD (C2-5, C5-2)	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C2-2 and C2-60)	Note 2
Field/Equipment Blanks	NA
Reporting Limits	Note 3

✓ – QC criteria were met.

Notes: 1. The following metals had mean percent recoveries that were outside of the QC limits of 75% to 125% or had an RPD between the MS and MSD percent recoveries greater than 20%.

Sample C2-5; QC Batch 86492

Metal	Percent Mean Recovery	RPD
Antimony	36	42
Barium	<0	83
Chromium	OK	30
Molybdenum	OK	23
Nickel	30	68
Cobalt	OK	24

Sample C5-2; QC Batch 86492

Metal	Percent Mean Recovery	RPD
Antimony	32.5	OK
Chromium	4.5	OK
Molybdenum	55.0	OK

Metals showing in either of these tables were flagged as follows: reported concentrations were flagged “J,” estimated and reporting limits of non-detects were flagged “UJ,” estimated.

2. The following metals had significant discrepancies (RPD >50%) between results in members of the duplicate pair.

Metal	Conc (mg/kg)		RPD
	C2-2	C2-60	
Arsenic	14	<4.1	NC
Chromium	41	21	64
Nickel	88	38	79
Zinc	52	30	54
Mercury	0.072	0.27	115

In each case, positive detections in either sample of the listed metals, not previously qualified, were flagged “J,” estimated.

3. In all samples the 6010B metals were analyzed from a dilution by a factor of four. Reporting limits were increased by the same factor.

Summary:

Based on this Level III validation, these data are usable, as qualified, for their intended purpose. None of these data were rejected.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33387-1
Client Project/Site: CHESNUT

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Giorgio Mollinario

Authorized for release by:
2/23/2011 4:00 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

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.

Table of Contents

Qualifier Definition/Glossary

Client: URS Corporation
Project/Site: CHESNUT

TestAmerica Job ID: 720-33387-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Metals

Qualifier	Qualifier Description
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
F	RPD of the MS and MSD exceeds the control limits

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 720-33387-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33387-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C SIM: The following sample(s) was diluted due to the abundance of non-target analytes: C1-2 (720-33387-11), C1-5 (720-33387-12), C2-60 (720-33387-5), C4-5 (720-33387-8), C5-5 (720-33387-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: C1-5 (720-33387-12), C4-5 (720-33387-8).

Method(s) 8015B: Concentrations reported represent individual or discrete peaks: 720 - 33387 - 10

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86492 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 86605 was outside control limits. Non-homogeneity of the sample matrix is suspected. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client Sample ID: C2-2 — Lab Sample ID: 720-33387-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	8.7		5.0		ug/Kg	1		8270C SIM	Total/NA
Chrysene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	14		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	9.5		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	9.0		5.0		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	6.1		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	16		5.0		ug/Kg	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	27		0.99		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	150		49		mg/Kg	1		8015B	Total/NA
Arsenic	14		3.8		mg/Kg	4		6010B	Total/NA
Barium	120		1.9		mg/Kg	4		6010B	Total/NA
Chromium	41		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.76		mg/Kg	4		6010B	Total/NA
Copper	32		5.7		mg/Kg	4		6010B	Total/NA
Lead	18		1.9		mg/Kg	4		6010B	Total/NA
Nickel	88		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	20		1.9		mg/Kg	4		6010B	Total/NA
Zinc	52		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.072		0.011		mg/Kg	1		7471A	Total/NA

Client Sample ID: C2-5 — Lab Sample ID: 720-33387-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		3.8		mg/Kg	4		6010B	Total/NA
Barium	130		1.9		mg/Kg	4		6010B	Total/NA
Chromium	45		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	12		0.77		mg/Kg	4		6010B	Total/NA
Copper	24		5.8		mg/Kg	4		6010B	Total/NA
Lead	6.7		1.9		mg/Kg	4		6010B	Total/NA
Nickel	96		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	20		1.9		mg/Kg	4		6010B	Total/NA
Zinc	39		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.049		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: C2-20 — Lab Sample ID: 720-33387-3

No Detections.

Client Sample ID: C2-30 — Lab Sample ID: 720-33387-4

No Detections.

Client Sample ID: C2-60 — Lab Sample ID: 720-33387-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	32		2.0		mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	210		100		mg/Kg	2		8015B	Total/NA
Barium	110		2.0		mg/Kg	4		6010B	Total/NA
Chromium	21		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	9.6		0.82		mg/Kg	4		6010B	Total/NA
Copper	20		6.1		mg/Kg	4		6010B	Total/NA
Lead	10		2.0		mg/Kg	4		6010B	Total/NA

Client Sample ID: C2-60 (Continued) — Lab Sample ID: 720-33387-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	38		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	18		2.0		mg/Kg	4		6010B	Total/NA
Zinc	30		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.27		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C4-2 — Lab Sample ID: 720-33387-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		3.8		mg/Kg	4		6010B	Total/NA
Barium	200		1.9		mg/Kg	4		6010B	Total/NA
Chromium	64		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	16		0.76		mg/Kg	4		6010B	Total/NA
Copper	35		5.7		mg/Kg	4		6010B	Total/NA
Lead	7.9		1.9		mg/Kg	4		6010B	Total/NA
Nickel	120		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	27		1.9		mg/Kg	4		6010B	Total/NA
Zinc	50		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.029		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C4-60 — Lab Sample ID: 720-33387-7

No Detections.

Client Sample ID: C4-5 — Lab Sample ID: 720-33387-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	140		4.9		mg/Kg	5		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	670		250		mg/Kg	5		8015B	Total/NA
Barium	85		2.0		mg/Kg	4		6010B	Total/NA
Chromium	33		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	6.6		0.81		mg/Kg	4		6010B	Total/NA
Copper	15		6.1		mg/Kg	4		6010B	Total/NA
Lead	4.1		2.0		mg/Kg	4		6010B	Total/NA
Nickel	57		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	17		2.0		mg/Kg	4		6010B	Total/NA
Zinc	25		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.031		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: C5-5 — Lab Sample ID: 720-33387-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	10		2.0		mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	130		100		mg/Kg	2		8015B	Total/NA
Arsenic	5.0		3.8		mg/Kg	4		6010B	Total/NA
Barium	180		1.9		mg/Kg	4		6010B	Total/NA
Chromium	63		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	18		0.76		mg/Kg	4		6010B	Total/NA
Copper	33		5.7		mg/Kg	4		6010B	Total/NA
Lead	8.9		1.9		mg/Kg	4		6010B	Total/NA
Nickel	150		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	26		1.9		mg/Kg	4		6010B	Total/NA
Zinc	50		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.075		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C5-2 — Lab Sample ID: 720-33387-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.1		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	5.7		3.8		mg/Kg	4		6010B	Total/NA
Barium	230		1.9		mg/Kg	4		6010B	Total/NA
Chromium	120		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.77		mg/Kg	4		6010B	Total/NA
Copper	37		5.8		mg/Kg	4		6010B	Total/NA
Lead	8.3		1.9		mg/Kg	4		6010B	Total/NA
Nickel	170		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	30		1.9		mg/Kg	4		6010B	Total/NA
Zinc	49		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.067		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C1-2 — Lab Sample ID: 720-33387-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.9		0.98		mg/Kg	1		8015B	Total/NA
Arsenic	4.1		4.1		mg/Kg	4		6010B	Total/NA
Barium	160		2.0		mg/Kg	4		6010B	Total/NA
Chromium	52		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	14		0.82		mg/Kg	4		6010B	Total/NA
Copper	28		6.1		mg/Kg	4		6010B	Total/NA
Lead	8.5		2.0		mg/Kg	4		6010B	Total/NA
Nickel	100		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	24		2.0		mg/Kg	4		6010B	Total/NA
Zinc	45		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.032		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: C1-5 — Lab Sample ID: 720-33387-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	100		4.9		mg/Kg	5		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	570		250		mg/Kg	5		8015B	Total/NA
Arsenic	4.5		4.2		mg/Kg	4		6010B	Total/NA
Barium	140		2.1		mg/Kg	4		6010B	Total/NA
Chromium	60		2.1		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.83		mg/Kg	4		6010B	Total/NA
Copper	30		6.2		mg/Kg	4		6010B	Total/NA
Lead	7.2		2.1		mg/Kg	4		6010B	Total/NA
Nickel	130		2.1		mg/Kg	4		6010B	Total/NA
Vanadium	26		2.1		mg/Kg	4		6010B	Total/NA
Zinc	44		6.2		mg/Kg	4		6010B	Total/NA
Mercury	0.051		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: C2-2

Date Collected: 02/16/11 08:15
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-1

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/16/11 20:00	02/17/11 14:04	1
Ethylbenzene	ND		4.3		ug/Kg		02/16/11 20:00	02/17/11 14:04	1
Toluene	ND		4.3		ug/Kg		02/16/11 20:00	02/17/11 14:04	1
Xylenes, Total	ND		8.7		ug/Kg		02/16/11 20:00	02/17/11 14:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/16/11 20:00	02/17/11 14:04	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*65 - 117*	*02/16/11 20:00*	*02/17/11 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 140*	*02/16/11 20:00*	*02/17/11 14:04*	*1*
Toluene-d8 (Surr)	*98*		*84 - 116*	*02/16/11 20:00*	*02/17/11 14:04*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Benzo[a]anthracene	**8.7**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Chrysene	**11**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Benzo[a]pyrene	**11**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Benzo[b]fluoranthene	**14**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Benzo[k]fluoranthene	**9.5**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Benzo[g,h,i]perylene	**9.0**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Indeno[1,2,3-cd]pyrene	**6.1**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Fluoranthene	**11**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Pyrene	**16**		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:22	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*33 - 120*	*02/17/11 11:39*	*02/18/11 14:22*	*1*
Terphenyl-d14	*93*		*35 - 146*	*02/17/11 11:39*	*02/18/11 14:22*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**27**		0.99		mg/Kg		02/17/11 11:35	02/17/11 20:47	1
Motor Oil Range Organics [C24-C36]	**150**		49		mg/Kg		02/17/11 11:35	02/17/11 20:47	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*53*		*31 - 114*	*02/17/11 11:35*	*02/17/11 20:47*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Arsenic	**14**		3.8		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Barium	**120**		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Beryllium	ND		0.38		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Cadmium	ND		0.48		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Chromium	**41**		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Cobalt	**11**		0.76		mg/Kg		02/18/11 13:55	02/22/11 13:47	4

Client Sample ID: C2-2

Date Collected: 02/16/11 08:15
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-1
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**32**		5.7		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Lead	**18**		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Molybdenum	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Nickel	**88**		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Selenium	ND		3.8		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Silver	ND		0.95		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Thallium	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Vanadium	**20**		1.9		mg/Kg		02/18/11 13:55	02/22/11 13:47	4
Zinc	**52**		5.7		mg/Kg		02/18/11 13:55	02/22/11 13:47	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.072**		0.011		mg/Kg		02/22/11 10:50	02/22/11 16:40	1

Client Sample ID: C2-5

Date Collected: 02/16/11 08:20
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-2
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 14:32	1
Ethylbenzene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 14:32	1
Toluene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 14:32	1
Xylenes, Total	ND		8.2		ug/Kg		02/16/11 20:00	02/17/11 14:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		200		ug/Kg		02/16/11 20:00	02/17/11 14:32	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*65 - 117*	*02/16/11 20:00*	*02/17/11 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*73 - 140*	*02/16/11 20:00*	*02/17/11 14:32*	*1*
Toluene-d8 (Surr)	*96*		*84 - 116*	*02/16/11 20:00*	*02/17/11 14:32*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Chrysene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 14:46	1

Client Sample ID: C2-5

Date Collected: 02/16/11 08:20
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-2
Matrix: Solid

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*77*		*33 - 120*	*02/17/11 11:39*	*02/18/11 14:46*	*1*
Terphenyl-d14	*88*		*35 - 146*	*02/17/11 11:39*	*02/18/11 14:46*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/17/11 11:35	02/17/11 19:37	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/17/11 11:35	02/17/11 19:37	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	*89*		*31 - 114*	*02/17/11 11:35*	*02/17/11 19:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Arsenic	**5.6**		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Barium	**130**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Beryllium	ND		0.38		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Cadmium	ND		0.48		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Chromium	**45**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Cobalt	**12**		0.77		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Copper	**24**		5.8		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Lead	**6.7**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Molybdenum	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Nickel	**96**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Selenium	ND		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Silver	ND		0.96		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Thallium	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Vanadium	**20**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:00	4
Zinc	**39**		5.8		mg/Kg		02/18/11 13:55	02/22/11 14:00	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**		0.0095		mg/Kg		02/22/11 10:50	02/22/11 15:47	1

Client Sample ID: C2-20

Date Collected: 02/16/11 08:30
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.9		ug/Kg		02/16/11 20:00	02/17/11 15:58	1
Ethylbenzene	ND		4.9		ug/Kg		02/16/11 20:00	02/17/11 15:58	1
Toluene	ND		4.9		ug/Kg		02/16/11 20:00	02/17/11 15:58	1
Xylenes, Total	ND		9.7		ug/Kg		02/16/11 20:00	02/17/11 15:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		02/16/11 20:00	02/17/11 15:58	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*91*		*65 - 117*	*02/16/11 20:00*	*02/17/11 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 140*	*02/16/11 20:00*	*02/17/11 15:58*	*1*
Toluene-d8 (Surr)	*97*		*84 - 116*	*02/16/11 20:00*	*02/17/11 15:58*	*1*

Client Sample ID: C2-20

Lab Sample ID: 720-33387-3

Date Collected: 02/16/11 08:30

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/17/11 11:35	02/17/11 21:10	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/17/11 11:35	02/17/11 21:10	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*94*		*31 - 114*	*02/17/11 11:35*	*02/17/11 21:10*	*1*

Client Sample ID: C2-30

Lab Sample ID: 720-33387-4

Date Collected: 02/16/11 09:50

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.5		ug/Kg		02/16/11 20:00	02/17/11 16:27	1
Ethylbenzene	ND		4.5		ug/Kg		02/16/11 20:00	02/17/11 16:27	1
Toluene	ND		4.5		ug/Kg		02/16/11 20:00	02/17/11 16:27	1
Xylenes, Total	ND		9.0		ug/Kg		02/16/11 20:00	02/17/11 16:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/16/11 20:00	02/17/11 16:27	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*65 - 117*	*02/16/11 20:00*	*02/17/11 16:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 140*	*02/16/11 20:00*	*02/17/11 16:27*	*1*
Toluene-d8 (Surr)	*95*		*84 - 116*	*02/16/11 20:00*	*02/17/11 16:27*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/17/11 11:35	02/17/11 21:34	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/17/11 11:35	02/17/11 21:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*95*		*31 - 114*	*02/17/11 11:35*	*02/17/11 21:34*	*1*

Client Sample ID: C2-60

Lab Sample ID: 720-33387-5

Date Collected: 02/16/11 00:00

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 16:55	1
Ethylbenzene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 16:55	1
Toluene	ND		4.1		ug/Kg		02/16/11 20:00	02/17/11 16:55	1
Xylenes, Total	ND		8.2		ug/Kg		02/16/11 20:00	02/17/11 16:55	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		02/16/11 20:00	02/17/11 16:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*81*		*65 - 117*	*02/16/11 20:00*	*02/17/11 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 140*	*02/16/11 20:00*	*02/17/11 16:55*	*1*
Toluene-d8 (Surr)	*92*		*84 - 116*	*02/16/11 20:00*	*02/17/11 16:55*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2

Client Sample ID: C2-60
Date Collected: 02/16/11 00:00
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-5
Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Acenaphthylene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Fluorene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Phenanthrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Benzo[a]anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Chrysene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Benzo[a]pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Benzo[b]fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Benzo[k]fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Benzo[g,h,i]perylene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2
Dibenz(a,h)anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 18:23	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*33 - 120*	*02/17/11 11:39*	*02/22/11 18:23*	*2*
Terphenyl-d14	*67*		*35 - 146*	*02/17/11 11:39*	*02/22/11 18:23*	*2*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**32**		2.0		mg/Kg		02/17/11 11:35	02/17/11 21:57	2
Motor Oil Range Organics [C24-C36]	**210**		100		mg/Kg		02/17/11 11:35	02/17/11 21:57	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*73*		*31 - 114*	*02/17/11 11:35*	*02/17/11 21:57*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Arsenic	ND		4.1		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Barium	**110**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Beryllium	ND		0.41		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Cadmium	ND		0.51		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Chromium	**21**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Cobalt	**9.6**		0.82		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Copper	**20**		6.1		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Lead	**10**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Molybdenum	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Nickel	**38**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Selenium	ND		4.1		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Silver	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Thallium	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Vanadium	**18**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:04	4
Zinc	**30**		6.1		mg/Kg		02/18/11 13:55	02/22/11 14:04	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.27**		0.010		mg/Kg		02/22/11 10:50	02/22/11 16:42	1

Client Sample ID: C4-2
Date Collected: 02/16/11 10:15
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-6
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.2		ug/Kg		02/18/11 17:00	02/18/11 21:24	1
Ethylbenzene	ND		4.2		ug/Kg		02/18/11 17:00	02/18/11 21:24	1
Toluene	ND		4.2		ug/Kg		02/18/11 17:00	02/18/11 21:24	1
Xylenes, Total	ND		8.4		ug/Kg		02/18/11 17:00	02/18/11 21:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		02/18/11 17:00	02/18/11 21:24	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*65 - 117*	*02/18/11 17:00*	*02/18/11 21:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 140*	*02/18/11 17:00*	*02/18/11 21:24*	*1*
Toluene-d8 (Surr)	*90*		*84 - 116*	*02/18/11 17:00*	*02/18/11 21:24*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Chrysene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 15:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*33 - 120*	*02/17/11 11:39*	*02/18/11 15:56*	*1*
Terphenyl-d14	*90*		*35 - 146*	*02/17/11 11:39*	*02/18/11 15:56*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/17/11 11:35	02/17/11 22:44	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/17/11 11:35	02/17/11 22:44	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*104*		*31 - 114*	*02/17/11 11:35*	*02/17/11 22:44*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Arsenic	**4.5**		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Barium	**200**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Beryllium	ND		0.38		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Cadmium	ND		0.48		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Chromium	**64**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Cobalt	**16**		0.76		mg/Kg		02/18/11 13:55	02/22/11 14:08	4

Client Sample ID: C4-2

Lab Sample ID: 720-33387-6

Date Collected: 02/16/11 10:15

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**35**		5.7		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Lead	**7.9**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Molybdenum	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Nickel	**120**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Selenium	ND		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Silver	ND		0.95		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Thallium	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Vanadium	**27**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:08	4
Zinc	**50**		5.7		mg/Kg		02/18/11 13:55	02/22/11 14:08	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**		0.010		mg/Kg		02/22/11 19:00	02/22/11 21:59	1

Client Sample ID: C4-60

Lab Sample ID: 720-33387-7

Date Collected: 02/16/11 00:00

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 21:54	1
Ethylbenzene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 21:54	1
Toluene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 21:54	1
Xylenes, Total	ND		9.1		ug/Kg		02/18/11 17:00	02/18/11 21:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		02/18/11 17:00	02/18/11 21:54	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*81*		*65 - 117*	*02/18/11 17:00*	*02/18/11 21:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 140*	*02/18/11 17:00*	*02/18/11 21:54*	*1*
Toluene-d8 (Surr)	*90*		*84 - 116*	*02/18/11 17:00*	*02/18/11 21:54*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/17/11 11:35	02/17/11 23:07	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/17/11 11:35	02/17/11 23:07	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*99*		*31 - 114*	*02/17/11 11:35*	*02/17/11 23:07*	*1*

Client Sample ID: C4-5

Lab Sample ID: 720-33387-8

Date Collected: 02/16/11 10:20

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/18/11 17:00	02/18/11 22:25	1
Ethylbenzene	ND		4.3		ug/Kg		02/18/11 17:00	02/18/11 22:25	1
Toluene	ND		4.3		ug/Kg		02/18/11 17:00	02/18/11 22:25	1
Xylenes, Total	ND		8.7		ug/Kg		02/18/11 17:00	02/18/11 22:25	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/18/11 17:00	02/18/11 22:25	1

Client Sample ID: C4-5
Date Collected: 02/16/11 10:20
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-8
Matrix: Solid

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		65 - 117	02/18/11 17:00	02/18/11 22:25	1
1,2-Dichloroethane-d4 (Surr)	110		73 - 140	02/18/11 17:00	02/18/11 22:25	1
Toluene-d8 (Surr)	89		84 - 116	02/18/11 17:00	02/18/11 22:25	1

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Acenaphthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Acenaphthylene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Fluorene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Phenanthrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Benzo[a]anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Chrysene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Benzo[a]pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Benzo[b]fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Benzo[k]fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Benzo[g,h,i]perylene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Indeno[1,2,3-cd]pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5
Dibenz(a,h)anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 18:47	5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		33 - 120	02/17/11 11:39	02/22/11 18:47	5
Terphenyl-d14	67		35 - 146	02/17/11 11:39	02/22/11 18:47	5

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**140**		4.9		mg/Kg		02/17/11 11:35	02/17/11 20:47	5
Motor Oil Range Organics [C24-C36]	**670**		250		mg/Kg		02/17/11 11:35	02/17/11 20:47	5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	31 - 114	02/17/11 11:35	02/17/11 20:47	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Arsenic	ND		4.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Barium	**85**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Beryllium	ND		0.40		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Cadmium	ND		0.51		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Chromium	**33**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Cobalt	**6.6**		0.81		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Copper	**15**		6.1		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Lead	**4.1**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Molybdenum	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Nickel	**57**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Selenium	ND		4.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Silver	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Thallium	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4
Vanadium	**17**		2.0		mg/Kg		02/18/11 13:55	02/22/11 14:12	4

Client Sample ID: C4-5

Date Collected: 02/16/11 10:20
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-8
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	25		6.1		mg/Kg		02/18/11 13:55	02/22/11 14:12	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.0098		mg/Kg		02/22/11 10:50	02/22/11 15:56	1

Client Sample ID: C5-5

Date Collected: 02/16/11 10:30
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-9
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.4		ug/Kg		02/16/11 20:00	02/17/11 18:50	1
Ethylbenzene	ND		4.4		ug/Kg		02/16/11 20:00	02/17/11 18:50	1
Toluene	ND		4.4		ug/Kg		02/16/11 20:00	02/17/11 18:50	1
Xylenes, Total	ND		8.7		ug/Kg		02/16/11 20:00	02/17/11 18:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/16/11 20:00	02/17/11 18:50	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*76*		*65 - 117*	*02/16/11 20:00*	*02/17/11 18:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*73 - 140*	*02/16/11 20:00*	*02/17/11 18:50*	*1*
Toluene-d8 (Surr)	*89*		*84 - 116*	*02/16/11 20:00*	*02/17/11 18:50*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Acenaphthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Acenaphthylene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Fluorene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Phenanthrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Benzo[a]anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Chrysene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Benzo[a]pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Benzo[b]fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Benzo[k]fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Benzo[g,h,i]perylene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Indeno[1,2,3-cd]pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Fluoranthene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Pyrene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2
Dibenz(a,h)anthracene	ND		10		ug/Kg		02/17/11 11:39	02/22/11 19:10	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*33 - 120*	*02/17/11 11:39*	*02/22/11 19:10*	*2*
Terphenyl-d14	*69*		*35 - 146*	*02/17/11 11:39*	*02/22/11 19:10*	*2*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	10		2.0		mg/Kg		02/17/11 11:35	02/17/11 18:33	2
Motor Oil Range Organics [C24-C36]	130		100		mg/Kg		02/17/11 11:35	02/17/11 18:33	2

Client Sample ID: C5-5

Date Collected: 02/16/11 10:30
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-9
Matrix: Solid

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	*84*		*31 - 114*	*02/17/11 11:35*	*02/17/11 18:33*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Arsenic	**5.0**		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Barium	**180**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Beryllium	ND		0.38		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Cadmium	ND		0.48		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Chromium	**63**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Cobalt	**18**		0.76		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Copper	**33**		5.7		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Lead	**8.9**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Molybdenum	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Nickel	**150**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Selenium	ND		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Silver	ND		0.95		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Thallium	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Vanadium	**26**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:25	4
Zinc	**50**		5.7		mg/Kg		02/18/11 13:55	02/22/11 14:25	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.075**		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:19	1

Client Sample ID: C5-2

Date Collected: 02/16/11 10:25
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-10
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.3		ug/Kg		02/16/11 08:00	02/18/11 15:29	1
Ethylbenzene	ND		4.3		ug/Kg		02/16/11 08:00	02/18/11 15:29	1
Toluene	ND		4.3		ug/Kg		02/16/11 08:00	02/18/11 15:29	1
Xylenes, Total	ND		8.5		ug/Kg		02/16/11 08:00	02/18/11 15:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		02/16/11 08:00	02/18/11 15:29	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*95*		*65 - 117*	*02/16/11 08:00*	*02/18/11 15:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*73 - 140*	*02/16/11 08:00*	*02/18/11 15:29*	*1*
Toluene-d8 (Surr)	*98*		*84 - 116*	*02/16/11 08:00*	*02/18/11 15:29*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Chrysene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1

Client Sample ID: C5-2

Lab Sample ID: 720-33387-10

Date Collected: 02/16/11 10:25

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 16:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*33 - 120*	*02/17/11 11:39*	*02/18/11 16:19*	*1*
Terphenyl-d14	*85*		*35 - 146*	*02/17/11 11:39*	*02/18/11 16:19*	*1*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**2.1**		1.0		mg/Kg		02/17/11 11:35	02/22/11 18:05	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/17/11 11:35	02/22/11 18:05	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*100*		*31 - 114*	*02/17/11 11:35*	*02/22/11 18:05*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Arsenic	**5.7**		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Barium	**230**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Beryllium	ND		0.38		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Cadmium	ND		0.48		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Chromium	**120**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Cobalt	**19**		0.77		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Copper	**37**		5.8		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Lead	**8.3**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Molybdenum	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Nickel	**170**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Selenium	ND		3.8		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Silver	ND		0.96		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Thallium	ND		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Vanadium	**30**		1.9		mg/Kg		02/18/11 13:55	02/22/11 14:37	4
Zinc	**49**		5.8		mg/Kg		02/18/11 13:55	02/22/11 14:37	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.067**		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:22	1

Client Sample ID: C1-2

Lab Sample ID: 720-33387-11

Date Collected: 02/16/11 10:35

Matrix: Solid

Date Received: 02/16/11 14:30

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.1		ug/Kg		02/16/11 20:00	02/17/11 19:18	1
Ethylbenzene	ND		5.1		ug/Kg		02/16/11 20:00	02/17/11 19:18	1

Client Sample ID: C1-2

Date Collected: 02/16/11 10:35
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-11

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.1		ug/Kg		02/16/11 20:00	02/17/11 19:18	1
Xylenes, Total	ND		10		ug/Kg		02/16/11 20:00	02/17/11 19:18	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		02/16/11 20:00	02/17/11 19:18	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*71*		*65 - 117*	*02/16/11 20:00*	*02/17/11 19:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*73 - 140*	*02/16/11 20:00*	*02/17/11 19:18*	*1*
Toluene-d8 (Surr)	*89*		*84 - 116*	*02/16/11 20:00*	*02/17/11 19:18*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Acenaphthene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Acenaphthylene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Fluorene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Phenanthrene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Anthracene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Benzo[a]anthracene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Chrysene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Benzo[a]pyrene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Benzo[b]fluoranthene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Benzo[k]fluoranthene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Benzo[g,h,i]perylene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Indeno[1,2,3-cd]pyrene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Fluoranthene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Pyrene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2
Dibenz(a,h)anthracene	ND		9.9		ug/Kg		02/17/11 11:39	02/22/11 19:33	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*33 - 120*	*02/17/11 11:39*	*02/22/11 19:33*	*2*
Terphenyl-d14	*66*		*35 - 146*	*02/17/11 11:39*	*02/22/11 19:33*	*2*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**7.9**		0.98		mg/Kg		02/17/11 11:35	02/22/11 17:17	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/17/11 11:35	02/22/11 17:17	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*74*		*31 - 114*	*02/17/11 11:35*	*02/22/11 17:17*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Arsenic	**4.1**		4.1		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Barium	**160**		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Beryllium	ND		0.41		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Cadmium	ND		0.51		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Chromium	**52**		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Cobalt	**14**		0.82		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Copper	**28**		6.1		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Lead	**8.5**		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4

Client Sample ID: C1-2

Date Collected: 02/16/11 10:35
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-11
Matrix: Solid

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Nickel	**100**		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Selenium	ND		4.1		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Silver	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Thallium	ND		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Vanadium	**24**		2.0		mg/Kg		02/18/11 13:55	02/22/11 12:58	4
Zinc	**45**		6.1		mg/Kg		02/18/11 13:55	02/22/11 12:58	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.032**		0.0098		mg/Kg		02/22/11 11:04	02/22/11 17:29	1

Client Sample ID: C1-5

Date Collected: 02/16/11 10:40
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-12
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.6		ug/Kg		02/16/11 20:00	02/17/11 19:47	1
Ethylbenzene	ND		4.6		ug/Kg		02/16/11 20:00	02/17/11 19:47	1
Toluene	ND		4.6		ug/Kg		02/16/11 20:00	02/17/11 19:47	1
Xylenes, Total	ND		9.1		ug/Kg		02/16/11 20:00	02/17/11 19:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		02/16/11 20:00	02/17/11 19:47	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*67*		*65 - 117*	*02/16/11 20:00*	*02/17/11 19:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*73 - 140*	*02/16/11 20:00*	*02/17/11 19:47*	*1*
Toluene-d8 (Surr)	*87*		*84 - 116*	*02/16/11 20:00*	*02/17/11 19:47*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Acenaphthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Acenaphthylene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Fluorene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Phenanthrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Benzo[a]anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Chrysene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Benzo[a]pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Benzo[b]fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Benzo[k]fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Benzo[g,h,i]perylene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Indeno[1,2,3-cd]pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Fluoranthene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Pyrene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5
Dibenz(a,h)anthracene	ND		25		ug/Kg		02/17/11 11:39	02/22/11 19:56	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*33 - 120*	*02/17/11 11:39*	*02/22/11 19:56*	*5*
Terphenyl-d14	*67*		*35 - 146*	*02/17/11 11:39*	*02/22/11 19:56*	*5*

Client Sample ID: C1-5
Date Collected: 02/16/11 10:40
Date Received: 02/16/11 14:30

Lab Sample ID: 720-33387-12
Matrix: Solid

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	100		4.9		mg/Kg		02/17/11 11:35	02/17/11 18:33	5
Motor Oil Range Organics [C24-C36]	570		250		mg/Kg		02/17/11 11:35	02/17/11 18:33	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*0*	*D*	*31 - 114*	*02/17/11 11:35*	*02/17/11 18:33*	*5*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Arsenic	4.5		4.2		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Barium	140		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Beryllium	ND		0.42		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Cadmium	ND		0.52		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Chromium	60		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Cobalt	15		0.83		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Copper	30		6.2		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Lead	7.2		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Molybdenum	ND		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Nickel	130		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Selenium	ND		4.2		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Silver	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Thallium	ND		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Vanadium	26		2.1		mg/Kg		02/18/11 13:55	02/22/11 13:02	4
Zinc	44		6.2		mg/Kg		02/18/11 13:55	02/22/11 13:02	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.0098		mg/Kg		02/22/11 11:04	02/22/11 17:32	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-86471/1-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: MB 720-86471/1-A
Prep Type: Total/NA
Prep Batch: 86471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Ethylbenzene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Toluene	ND		5.0		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Xylenes, Total	ND		10		ug/Kg		02/17/11 08:37	02/17/11 10:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/17/11 08:37	02/17/11 10:15	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*65 - 117*	*02/17/11 08:37*	*02/17/11 10:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 140*	*02/17/11 08:37*	*02/17/11 10:15*	*1*
Toluene-d8 (Surr)	*106*		*84 - 116*	*02/17/11 08:37*	*02/17/11 10:15*	*1*

Lab Sample ID: LCS 720-86471/2-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: LCS 720-86471/2-A
Prep Type: Total/NA
Prep Batch: 86471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	53.3		ug/Kg		107	82 - 124
Ethylbenzene	50.0	53.8		ug/Kg		108	80 - 137
Toluene	50.0	51.7		ug/Kg		103	83 - 128

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 140*
Toluene-d8 (Surr)	*107*		*84 - 116*

Lab Sample ID: LCS 720-86471/4-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: LCS 720-86471/4-A
Prep Type: Total/NA
Prep Batch: 86471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1030		ug/Kg		103	68 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 140*
Toluene-d8 (Surr)	*108*		*84 - 116*

Lab Sample ID: LCSD 720-86471/3-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: LCSD 720-86471/3-A
Prep Type: Total/NA
Prep Batch: 86471

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	50.0	51.7		ug/Kg		103	82 - 124	3	20
Ethylbenzene	50.0	51.1		ug/Kg		102	80 - 137	5	20
Toluene	50.0	48.8		ug/Kg		98	83 - 128	6	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86471/3-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: LCSD 720-86471/3-A
Prep Type: Total/NA
Prep Batch: 86471

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 140*
Toluene-d8 (Surr)	*102*		*84 - 116*

Lab Sample ID: LCSD 720-86471/5-A
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: LCSD 720-86471/5-A
Prep Type: Total/NA
Prep Batch: 86471

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	983		ug/Kg		98	68 - 115	5	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*103*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 140*
Toluene-d8 (Surr)	*108*		*84 - 116*

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	ND		39.7	40.4		ug/Kg		102	70 - 130
Ethylbenzene	ND		39.7	41.4		ug/Kg		104	65 - 130
Toluene	ND		39.7	40.0		ug/Kg		101	70 - 130

Surrogate	MS % Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	*98*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 140*
Toluene-d8 (Surr)	*104*		*84 - 116*

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86378

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86471

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	ND		40.4	41.8		ug/Kg		103	70 - 130	3	20
Ethylbenzene	ND		40.4	42.5		ug/Kg		105	65 - 130	3	20
Toluene	ND		40.4	41.0		ug/Kg		102	70 - 130	3	20

Surrogate	MSD % Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	*97*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 140*
Toluene-d8 (Surr)	*105*		*84 - 116*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86562/1-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: MB 720-86562/1-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Toluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*65 - 117*	*02/18/11 17:00*	*02/18/11 18:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 140*	*02/18/11 17:00*	*02/18/11 18:21*	*1*
Toluene-d8 (Surr)	*92*		*84 - 116*	*02/18/11 17:00*	*02/18/11 18:21*	*1*

Lab Sample ID: LCS 720-86562/2-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCS 720-86562/2-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene	50.0	51.2		ug/Kg		102	82 - 124
Ethylbenzene	50.0	52.0		ug/Kg		104	80 - 137
Toluene	50.0	51.2		ug/Kg		102	83 - 128

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 140*
Toluene-d8 (Surr)	*98*		*84 - 116*

Lab Sample ID: LCS 720-86562/4-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCS 720-86562/4-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	916		ug/Kg		92	68 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Lab Sample ID: LCSD 720-86562/3-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCSD 720-86562/3-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	50.0	51.2		ug/Kg		102	82 - 124	0	20
Ethylbenzene	50.0	51.6		ug/Kg		103	80 - 137	1	20
Toluene	50.0	51.5		ug/Kg		103	83 - 128	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86562/3-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCSD 720-86562/3-A
Prep Type: Total/NA
Prep Batch: 86562

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*101*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 140*
Toluene-d8 (Surr)	*98*		*84 - 116*

Lab Sample ID: LCSD 720-86562/5-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCSD 720-86562/5-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	947		ug/Kg		95	68 - 115	3	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Lab Sample ID: MB 720-86572/1-A
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: MB 720-86572/1-A
Prep Type: Total/NA
Prep Batch: 86572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Toluene	ND		5.0		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 08:14	02/18/11 10:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/18/11 08:14	02/18/11 10:48	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*102*		*65 - 117*	*02/18/11 08:14*	*02/18/11 10:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 140*	*02/18/11 08:14*	*02/18/11 10:48*	*1*
Toluene-d8 (Surr)	*99*		*84 - 116*	*02/18/11 08:14*	*02/18/11 10:48*	*1*

Lab Sample ID: LCS 720-86572/2-A
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: LCS 720-86572/2-A
Prep Type: Total/NA
Prep Batch: 86572

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene			50.0	53.2		ug/Kg		106	82 - 124
Ethylbenzene			50.0	49.6		ug/Kg		99	80 - 137
Toluene			50.0	50.9		ug/Kg		102	83 - 128

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*104*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*116*		*73 - 140*
Toluene-d8 (Surr)	*102*		*84 - 116*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86572/4-A
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: LCS 720-86572/4-A
Prep Type: Total/NA
Prep Batch: 86572

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			1000	1000		ug/Kg		100	68 - 115		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*116*		*73 - 140*
Toluene-d8 (Surr)	*102*		*84 - 116*

Lab Sample ID: LCSD 720-86572/3-A
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: LCSD 720-86572/3-A
Prep Type: Total/NA
Prep Batch: 86572

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene			50.0	50.5		ug/Kg		101	82 - 124	5	20
Ethylbenzene			50.0	47.4		ug/Kg		95	80 - 137	5	20
Toluene			50.0	48.7		ug/Kg		97	83 - 128	4	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 140*
Toluene-d8 (Surr)	*102*		*84 - 116*

Lab Sample ID: LCSD 720-86572/5-A
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: LCSD 720-86572/5-A
Prep Type: Total/NA
Prep Batch: 86572

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	986		ug/Kg		99	68 - 115	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 140*
Toluene-d8 (Surr)	*102*		*84 - 116*

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86572

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Benzene	ND		41.7	45.0		ug/Kg		108	70 - 130		
Ethylbenzene	ND		41.7	42.6		ug/Kg		102	65 - 130		
Toluene	ND		41.7	44.1		ug/Kg		106	70 - 130		

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33387-10 MSD
Matrix: Solid
Analysis Batch: 86449

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86572

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene	ND		49.9	54.7		ug/Kg		110	70 - 130	19	20
Ethylbenzene	ND		49.9	52.0		ug/Kg		104	65 - 130	20	20
Toluene	ND		49.9	54.4	F	ug/Kg		109	70 - 130	21	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-86403/1-A
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: MB 720-86403/1-A
Prep Type: Total/NA
Prep Batch: 86403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Acenaphthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Acenaphthylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Fluorene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Phenanthrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Chrysene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Fluoranthene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Pyrene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/17/11 11:39	02/18/11 13:13	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*33 - 120*	*02/17/11 11:39*	*02/18/11 13:13*	*1*
Terphenyl-d14	*85*		*35 - 146*	*02/17/11 11:39*	*02/18/11 13:13*	*1*

Lab Sample ID: LCS 720-86403/2-A
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: LCS 720-86403/2-A
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	332	244		ug/Kg		74	46 - 120
Acenaphthene	332	258		ug/Kg		78	49 - 120
Acenaphthylene	332	261		ug/Kg		79	52 - 120
Fluorene	332	254		ug/Kg		76	52 - 120
Phenanthrene	332	241		ug/Kg		73	48 - 120
Anthracene	332	289		ug/Kg		87	52 - 120
Benzo[a]anthracene	332	239		ug/Kg		72	52 - 120

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCS 720-86403/2-A
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: LCS 720-86403/2-A
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chrysene	332	281		ug/Kg		85	54 - 120
Benzo[a]pyrene	332	305		ug/Kg		92	54 - 120
Benzo[b]fluoranthene	332	278		ug/Kg		84	51 - 120
Benzo[k]fluoranthene	332	334		ug/Kg		101	56 - 120
Benzo[g,h,i]perylene	332	290		ug/Kg		88	48 - 120
Indeno[1,2,3-cd]pyrene	332	289		ug/Kg		87	48 - 120
Fluoranthene	332	285		ug/Kg		86	57 - 120
Pyrene	332	277		ug/Kg		84	53 - 120
Dibenz(a,h)anthracene	332	274		ug/Kg		83	50 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*33 - 120*
Terphenyl-d14	*81*		*35 - 146*

Lab Sample ID: LCSD 720-86403/3-A
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: LCSD 720-86403/3-A
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	330	249		ug/Kg		76	46 - 120	2	20
Acenaphthene	330	261		ug/Kg		79	49 - 120	1	20
Acenaphthylene	330	261		ug/Kg		79	52 - 120	0	20
Fluorene	330	250		ug/Kg		76	52 - 120	1	20
Phenanthrene	330	237		ug/Kg		72	48 - 120	2	20
Anthracene	330	290		ug/Kg		88	52 - 120	0	20
Benzo[a]anthracene	330	238		ug/Kg		72	52 - 120	0	20
Chrysene	330	278		ug/Kg		84	54 - 120	1	20
Benzo[a]pyrene	330	297		ug/Kg		90	54 - 120	3	20
Benzo[b]fluoranthene	330	263		ug/Kg		80	51 - 120	6	20
Benzo[k]fluoranthene	330	347		ug/Kg		105	56 - 120	4	20
Benzo[g,h,i]perylene	330	279		ug/Kg		84	48 - 120	4	20
Indeno[1,2,3-cd]pyrene	330	274		ug/Kg		83	48 - 120	5	20
Fluoranthene	330	289		ug/Kg		88	57 - 120	1	20
Pyrene	330	276		ug/Kg		84	53 - 120	1	20
Dibenz(a,h)anthracene	330	262		ug/Kg		79	50 - 120	4	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*33 - 120*
Terphenyl-d14	*81*		*35 - 146*

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	ND		329	242		ug/Kg		73	32 - 120
Acenaphthene	ND		329	261		ug/Kg		79	33 - 120
Acenaphthylene	ND		329	266		ug/Kg		81	28 - 120
Fluorene	ND		329	258		ug/Kg		78	35 - 120

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenanthrene	ND		329	246		ug/Kg		75	28 - 120
Anthracene	ND		329	285		ug/Kg		86	36 - 120
Benzo[a]anthracene	ND		329	252		ug/Kg		77	29 - 120
Chrysene	ND		329	265		ug/Kg		81	29 - 120
Benzo[a]pyrene	ND		329	306		ug/Kg		93	24 - 120
Benzo[b]fluoranthene	ND		329	285		ug/Kg		86	17 - 132
Benzo[k]fluoranthene	ND		329	291		ug/Kg		89	35 - 120
Benzo[g,h,i]perylene	ND		329	262		ug/Kg		80	21 - 120
Indeno[1,2,3-cd]pyrene	ND		329	267		ug/Kg		81	20 - 126
Fluoranthene	ND		329	275		ug/Kg		83	24 - 120
Pyrene	ND		329	318		ug/Kg		97	24 - 123
Dibenz(a,h)anthracene	ND		329	260		ug/Kg		79	36 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*33 - 120*
Terphenyl-d14	*94*		*35 - 146*

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86463

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	ND		333	250		ug/Kg		75	32 - 120	3	20
Acenaphthene	ND		333	264		ug/Kg		79	33 - 120	1	20
Acenaphthylene	ND		333	270		ug/Kg		81	28 - 120	1	20
Fluorene	ND		333	261		ug/Kg		78	35 - 120	1	20
Phenanthrene	ND		333	248		ug/Kg		75	28 - 120	1	20
Anthracene	ND		333	271		ug/Kg		81	36 - 120	5	20
Benzo[a]anthracene	ND		333	256		ug/Kg		77	29 - 120	1	20
Chrysene	ND		333	268		ug/Kg		81	29 - 120	1	20
Benzo[a]pyrene	ND		333	299		ug/Kg		90	24 - 120	2	20
Benzo[b]fluoranthene	ND		333	273		ug/Kg		82	17 - 132	5	20
Benzo[k]fluoranthene	ND		333	302		ug/Kg		91	35 - 120	4	20
Benzo[g,h,i]perylene	ND		333	258		ug/Kg		78	21 - 120	1	20
Indeno[1,2,3-cd]pyrene	ND		333	267		ug/Kg		80	20 - 126	0	20
Fluoranthene	ND		333	277		ug/Kg		83	24 - 120	1	20
Pyrene	ND		333	316		ug/Kg		95	24 - 123	0	20
Dibenz(a,h)anthracene	ND		333	258		ug/Kg		77	36 - 120	1	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*33 - 120*
Terphenyl-d14	*92*		*35 - 146*

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86570

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	ND		330	235		ug/Kg		71	32 - 120

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86570

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	ND		330	252		ug/Kg		76	33 - 120
Acenaphthylene	ND		330	218		ug/Kg		66	28 - 120
Fluorene	ND		330	246		ug/Kg		74	35 - 120
Phenanthrene	ND		330	240		ug/Kg		73	28 - 120
Anthracene	ND		330	240		ug/Kg		73	36 - 120
Benzo[a]anthracene	ND		330	240		ug/Kg		73	29 - 120
Chrysene	ND		330	241		ug/Kg		73	29 - 120
Benzo[a]pyrene	ND		330	268		ug/Kg		81	24 - 120
Benzo[b]fluoranthene	ND		330	267		ug/Kg		81	17 - 132
Benzo[k]fluoranthene	ND		330	289		ug/Kg		87	35 - 120
Benzo[g,h,i]perylene	ND		330	243		ug/Kg		74	21 - 120
Indeno[1,2,3-cd]pyrene	ND		330	250		ug/Kg		76	20 - 126
Fluoranthene	ND		330	261		ug/Kg		79	24 - 120
Pyrene	ND		330	287		ug/Kg		87	24 - 123
Dibenz(a,h)anthracene	ND		330	241		ug/Kg		73	36 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*33 - 120*
Terphenyl-d14	*82*		*35 - 146*

Lab Sample ID: 720-33387-10 MSD
Matrix: Solid
Analysis Batch: 86570

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	ND		333	229		ug/Kg		69	32 - 120	2	20
Acenaphthene	ND		333	247		ug/Kg		74	33 - 120	2	20
Acenaphthylene	ND		333	234		ug/Kg		70	28 - 120	7	20
Fluorene	ND		333	238		ug/Kg		71	35 - 120	3	20
Phenanthrene	ND		333	236		ug/Kg		71	28 - 120	2	20
Anthracene	ND		333	244		ug/Kg		73	36 - 120	2	20
Benzo[a]anthracene	ND		333	235		ug/Kg		71	29 - 120	2	20
Chrysene	ND		333	239		ug/Kg		72	29 - 120	1	20
Benzo[a]pyrene	ND		333	261		ug/Kg		78	24 - 120	3	20
Benzo[b]fluoranthene	ND		333	261		ug/Kg		78	17 - 132	2	20
Benzo[k]fluoranthene	ND		333	273		ug/Kg		82	35 - 120	6	20
Benzo[g,h,i]perylene	ND		333	236		ug/Kg		71	21 - 120	3	20
Indeno[1,2,3-cd]pyrene	ND		333	244		ug/Kg		73	20 - 126	2	20
Fluoranthene	ND		333	256		ug/Kg		77	24 - 120	2	20
Pyrene	ND		333	284		ug/Kg		85	24 - 123	1	20
Dibenz(a,h)anthracene	ND		333	235		ug/Kg		71	36 - 120	2	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*33 - 120*
Terphenyl-d14	*79*		*35 - 146*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 720-86402/1-A
Matrix: Solid
Analysis Batch: 86372

Client Sample ID: MB 720-86402/1-A
Prep Type: Total/NA
Prep Batch: 86402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/17/11 11:35	02/18/11 00:17	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		02/17/11 11:35	02/18/11 00:17	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*106*		*31 - 114*	*02/17/11 11:35*	*02/18/11 00:17*	*1*

Lab Sample ID: LCS 720-86402/2-A
Matrix: Solid
Analysis Batch: 86546

Client Sample ID: LCS 720-86402/2-A
Prep Type: Total/NA
Prep Batch: 86402

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]			82.3	55.4		mg/Kg		67	59 - 134		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*67*		*31 - 114*

Lab Sample ID: LCSD 720-86402/3-A
Matrix: Solid
Analysis Batch: 86546

Client Sample ID: LCSD 720-86402/3-A
Prep Type: Total/NA
Prep Batch: 86402

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			82.4	64.5		mg/Kg		78	59 - 134	15	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*75*		*31 - 114*

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86372

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]	ND		82.9	87.8		mg/Kg		105	50 - 130		

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*110*		*31 - 114*

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86372

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		82.7	90.3		mg/Kg		108	50 - 130	3	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*108*		*31 - 114*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86373

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	2.1		83.2	76.1		mg/Kg		89	50 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*85*		*31 - 114*

Lab Sample ID: 720-33387-10 MSD
Matrix: Solid
Analysis Batch: 86373

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.1		83.3	75.9		mg/Kg		89	50 - 130	0	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*94*		*31 - 114*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-86492/1-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: MB 720-86492/1-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Arsenic	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Barium	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Beryllium	ND		0.10		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Cadmium	ND		0.12		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Chromium	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Cobalt	ND		0.20		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Copper	ND		1.5		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Lead	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Molybdenum	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Nickel	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Selenium	ND		1.0		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Silver	ND		0.25		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Thallium	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Vanadium	ND		0.50		mg/Kg		02/18/11 13:55	02/22/11 12:46	1
Zinc	ND		1.5		mg/Kg		02/18/11 13:55	02/22/11 12:46	1

Lab Sample ID: LCS 720-86492/2-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: LCS 720-86492/2-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	46.9		mg/Kg		94	80 - 120
Arsenic	50.0	44.0		mg/Kg		88	80 - 120
Barium	50.0	46.3		mg/Kg		93	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86492/2-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: LCS 720-86492/2-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Beryllium	50.0	47.3		mg/Kg		95	80 - 120
Cadmium	50.0	47.6		mg/Kg		95	80 - 120
Chromium	50.0	48.3		mg/Kg		97	80 - 120
Cobalt	50.0	48.3		mg/Kg		97	80 - 120
Copper	50.0	48.3		mg/Kg		97	80 - 120
Lead	50.0	48.5		mg/Kg		97	80 - 120
Molybdenum	50.0	49.8		mg/Kg		100	80 - 120
Nickel	50.0	48.3		mg/Kg		97	80 - 120
Selenium	50.0	45.6		mg/Kg		91	80 - 120
Silver	25.0	24.4		mg/Kg		98	80 - 120
Thallium	50.0	48.5		mg/Kg		97	80 - 120
Vanadium	50.0	49.0		mg/Kg		98	80 - 120
Zinc	50.0	48.2		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-86492/3-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: LCSD 720-86492/3-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	47.1		mg/Kg		94	80 - 120	0	20
Arsenic	50.0	44.4		mg/Kg		89	80 - 120	1	20
Barium	50.0	48.5		mg/Kg		97	80 - 120	4	20
Beryllium	50.0	49.1		mg/Kg		98	80 - 120	4	20
Cadmium	50.0	47.8		mg/Kg		96	80 - 120	0	20
Chromium	50.0	48.5		mg/Kg		97	80 - 120	0	20
Cobalt	50.0	48.4		mg/Kg		97	80 - 120	0	20
Copper	50.0	48.9		mg/Kg		98	80 - 120	1	20
Lead	50.0	48.9		mg/Kg		98	80 - 120	1	20
Molybdenum	50.0	49.9		mg/Kg		100	80 - 120	0	20
Nickel	50.0	48.5		mg/Kg		97	80 - 120	0	20
Selenium	50.0	46.1		mg/Kg		92	80 - 120	1	20
Silver	25.0	24.6		mg/Kg		98	80 - 120	1	20
Thallium	50.0	48.8		mg/Kg		98	80 - 120	1	20
Vanadium	50.0	48.9		mg/Kg		98	80 - 120	0	20
Zinc	50.0	48.2		mg/Kg		96	80 - 120	0	20

Lab Sample ID: LCSSRM 720-86492/25-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: LCSSRM 720-86492/25-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	105	64.0		mg/Kg		61	11 - 101
Arsenic	79.4	66.2		mg/Kg		83	69 - 119
Barium	391	323		mg/Kg		83	61 - 117
Beryllium	304	273		mg/Kg		90	56 - 102
Cadmium	48.3	41.5		mg/Kg		86	67 - 118
Chromium	171	145		mg/Kg		85	67 - 121
Cobalt	59.2	51.9		mg/Kg		88	64 - 133
Copper	327	287		mg/Kg		88	68 - 126
Lead	181	151		mg/Kg		84	62 - 113

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86492/25-A
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: LCSSRM 720-86492/25-A
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Molybdenum	156	144		mg/Kg		92	62 - 128
Nickel	76.0	63.7		mg/Kg		84	65 - 117
Selenium	76.9	62.2		mg/Kg		81	63 - 126
Silver	29.1	27.1		mg/Kg		93	51 - 130
Thallium	192	160		mg/Kg		83	64 - 124
Vanadium	213	192		mg/Kg		90	67 - 123
Zinc	256	221		mg/Kg		86	62 - 110

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		48.5	12.8	F	mg/Kg		26	75 - 125
Arsenic	5.6		48.5	42.9		mg/Kg		77	75 - 125
Barium	130		48.5	73.9	F	mg/Kg		-122	75 - 125
Beryllium	ND		48.5	41.0		mg/Kg		84	75 - 125
Cadmium	ND		48.5	39.6		mg/Kg		82	75 - 125
Chromium	45		48.5	74.6	F	mg/Kg		61	75 - 125
Cobalt	12		48.5	46.5	F	mg/Kg		71	75 - 125
Copper	24		48.5	67.7		mg/Kg		90	75 - 125
Lead	6.7		48.5	53.5		mg/Kg		96	75 - 125
Molybdenum	ND		48.5	35.7	F	mg/Kg		74	75 - 125
Nickel	96		48.5	74.3	F	mg/Kg		-45	75 - 125
Selenium	ND		48.5	37.7		mg/Kg		78	75 - 125
Silver	ND		24.3	23.3		mg/Kg		96	75 - 125
Thallium	ND		48.5	39.8		mg/Kg		82	75 - 125
Vanadium	20		48.5	77.8		mg/Kg		119	75 - 125
Zinc	39		48.5	96.8		mg/Kg		120	75 - 125

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		51.5	19.6	F	mg/Kg		38	75 - 125	42	20
Arsenic	5.6		51.5	47.2		mg/Kg		81	75 - 125	10	20
Barium	130		51.5	178	F	mg/Kg		88	75 - 125	83	20
Beryllium	ND		51.5	46.5		mg/Kg		90	75 - 125	13	20
Cadmium	ND		51.5	47.3		mg/Kg		92	75 - 125	18	20
Chromium	45		51.5	101	F	mg/Kg		109	75 - 125	30	20
Cobalt	12		51.5	59.1	F	mg/Kg		92	75 - 125	24	20
Copper	24		51.5	73.1		mg/Kg		95	75 - 125	8	20
Lead	6.7		51.5	53.3		mg/Kg		90	75 - 125	0	20
Molybdenum	ND		51.5	44.9	F	mg/Kg		87	75 - 125	23	20
Nickel	96		51.5	150	F	mg/Kg		105	75 - 125	68	20
Selenium	ND		51.5	45.3		mg/Kg		88	75 - 125	18	20
Silver	ND		25.8	24.9		mg/Kg		97	75 - 125	7	20
Thallium	ND		51.5	46.6		mg/Kg		90	75 - 125	16	20
Vanadium	20		51.5	67.3		mg/Kg		91	75 - 125	14	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Zinc	39		51.5	88.3		mg/Kg		96	75 - 125	9	20

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		51.0	17.3	F	mg/Kg		33	75 - 125
Arsenic	5.7		51.0	50.0		mg/Kg		87	75 - 125
Barium	230		51.0	281	4	mg/Kg		96	75 - 125
Beryllium	ND		51.0	50.9		mg/Kg		99	75 - 125
Cadmium	ND		51.0	48.8		mg/Kg		96	75 - 125
Chromium	120		51.0	124	F	mg/Kg		7	75 - 125
Cobalt	19		51.0	66.4		mg/Kg		93	75 - 125
Copper	37		51.0	90.9		mg/Kg		105	75 - 125
Lead	8.3		51.0	57.4		mg/Kg		96	75 - 125
Molybdenum	ND		51.0	45.5		mg/Kg		89	75 - 125
Nickel	170		51.0	201	F	mg/Kg		57	75 - 125
Selenium	ND		51.0	46.4		mg/Kg		91	75 - 125
Silver	ND		25.5	27.0		mg/Kg		106	75 - 125
Thallium	ND		51.0	48.0		mg/Kg		94	75 - 125
Vanadium	30		51.0	80.7		mg/Kg		100	75 - 125
Zinc	49		51.0	103		mg/Kg		106	75 - 125

Lab Sample ID: 720-33387-10 MSD
Matrix: Solid
Analysis Batch: 86605

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		52.6	17.5	F	mg/Kg		32	75 - 125	1	20
Arsenic	5.7		52.6	48.9		mg/Kg		82	75 - 125	2	20
Barium	230		52.6	288	4	mg/Kg		106	75 - 125	2	20
Beryllium	ND		52.6	49.5		mg/Kg		94	75 - 125	3	20
Cadmium	ND		52.6	48.1		mg/Kg		91	75 - 125	1	20
Chromium	120		52.6	122	F	mg/Kg		2	75 - 125	2	20
Cobalt	19		52.6	64.9		mg/Kg		87	75 - 125	2	20
Copper	37		52.6	88.2		mg/Kg		97	75 - 125	3	20
Lead	8.3		52.6	56.6		mg/Kg		92	75 - 125	1	20
Molybdenum	ND		52.6	44.1		mg/Kg		84	75 - 125	3	20
Nickel	170		52.6	200	F	mg/Kg		53	75 - 125	1	20
Selenium	ND		52.6	45.2		mg/Kg		86	75 - 125	3	20
Silver	ND		26.3	26.8		mg/Kg		102	75 - 125	1	20
Thallium	ND		52.6	47.2		mg/Kg		90	75 - 125	2	20
Vanadium	30		52.6	79.5		mg/Kg		95	75 - 125	2	20
Zinc	49		52.6	101		mg/Kg		99	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86568/1-A
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: MB 720-86568/1-A
Prep Type: Total/NA
Prep Batch: 86568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 10:50	02/22/11 15:34	1

Lab Sample ID: LCS 720-86568/2-A
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: LCS 720-86568/2-A
Prep Type: Total/NA
Prep Batch: 86568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.858		mg/Kg		103	80 - 120

Lab Sample ID: LCSD 720-86568/3-A
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: LCSD 720-86568/3-A
Prep Type: Total/NA
Prep Batch: 86568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.875		mg/Kg		105	80 - 120	2	20

Lab Sample ID: 720-33387-2 MS
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.049		0.877	1.04		mg/Kg		113	75 - 125

Lab Sample ID: 720-33387-2 MSD
Matrix: Solid
Analysis Batch: 86620

Client Sample ID: C2-5
Prep Type: Total/NA
Prep Batch: 86568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.049		0.820	0.992		mg/Kg		115	75 - 125	5	20

Lab Sample ID: MB 720-86571/1-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: MB 720-86571/1-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:12	1

Lab Sample ID: LCS 720-86571/2-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: LCS 720-86571/2-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.829		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 720-86571/3-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: LCSD 720-86571/3-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.858		mg/Kg		103	80 - 120	3	20

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 720-33387-10 MS
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.067		0.862	0.983		mg/Kg		106	75 - 125

Lab Sample ID: 720-33387-10 MSD
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: C5-2
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.067		0.833	0.950		mg/Kg		106	75 - 125	3	20

Lab Sample ID: MB 720-86626/1-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: MB 720-86626/1-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 19:00	02/22/11 21:47	1

Lab Sample ID: LCS 720-86626/2-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: LCS 720-86626/2-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.850		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 720-86626/3-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: LCSD 720-86626/3-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.850		mg/Kg		102	80 - 120	0	20

Lab Sample ID: 720-33387-6 MS
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: C4-2
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.029		0.847	0.966		mg/Kg		111	75 - 125

Lab Sample ID: 720-33387-6 MSD
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: C4-2
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.029		0.877	0.965		mg/Kg		107	75 - 125	0	20

GC/MS VOA

Analysis Batch: 86378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86471/4-A	LCS 720-86471/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86471
LCSD 720-86471/5-A	LCSD 720-86471/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-1	C2-2	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-2	C2-5	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-2 MS	C2-5	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-2 MSD	C2-5	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-3	C2-20	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-4	C2-30	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-5	C2-60	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-9	C5-5	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-11	C1-2	Total/NA	Solid	8260B/CA_LUF TMS	86471
720-33387-12	C1-5	Total/NA	Solid	8260B/CA_LUF TMS	86471
MB 720-86471/1-A	MB 720-86471/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86471
LCS 720-86471/2-A	LCS 720-86471/2-A	Total/NA	Solid	8260B/CA_LUF TMS	86471
LCSD 720-86471/3-A	LCSD 720-86471/3-A	Total/NA	Solid	8260B/CA_LUF TMS	86471

Analysis Batch: 86449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86572/1-A	MB 720-86572/1-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33387-10	C5-2	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33387-10 MS	C5-2	Total/NA	Solid	8260B/CA_LUF TMS	86572
720-33387-10 MSD	C5-2	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCS 720-86572/2-A	LCS 720-86572/2-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCSD 720-86572/3-A	LCSD 720-86572/3-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCS 720-86572/4-A	LCS 720-86572/4-A	Total/NA	Solid	8260B/CA_LUF TMS	86572
LCSD 720-86572/5-A	LCSD 720-86572/5-A	Total/NA	Solid	8260B/CA_LUF TMS	86572

Prep Batch: 86471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86471/1-A	MB 720-86471/1-A	Total/NA	Solid	5035	
720-33387-2	C2-5	Total/NA	Solid	5035	
720-33387-2 MS	C2-5	Total/NA	Solid	5035	
720-33387-2 MSD	C2-5	Total/NA	Solid	5035	
720-33387-3	C2-20	Total/NA	Solid	5035	
720-33387-4	C2-30	Total/NA	Solid	5035	
720-33387-5	C2-60	Total/NA	Solid	5035	
720-33387-9	C5-5	Total/NA	Solid	5035	
LCS 720-86471/2-A	LCS 720-86471/2-A	Total/NA	Solid	5035	
720-33387-11	C1-2	Total/NA	Solid	5035	
720-33387-12	C1-5	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 86471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86471/3-A	LCSD 720-86471/3-A	Total/NA	Solid	5035	
LCS 720-86471/4-A	LCS 720-86471/4-A	Total/NA	Solid	5035	
LCSD 720-86471/5-A	LCSD 720-86471/5-A	Total/NA	Solid	5035	
720-33387-1	C2-2	Total/NA	Solid	5035	

Analysis Batch: 86515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-6	C4-2	Total/NA	Solid	8260B/CA_LUFTMS	86562
720-33387-7	C4-60	Total/NA	Solid	8260B/CA_LUFTMS	86562
720-33387-8	C4-5	Total/NA	Solid	8260B/CA_LUFTMS	86562
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	8260B/CA_LUFTMS	86562

Prep Batch: 86562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	5035	
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	5035	
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	5035	
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	5035	
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	5035	
720-33387-6	C4-2	Total/NA	Solid	5035	
720-33387-7	C4-60	Total/NA	Solid	5035	
720-33387-8	C4-5	Total/NA	Solid	5035	

Prep Batch: 86572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86572/1-A	MB 720-86572/1-A	Total/NA	Solid	5035	
LCS 720-86572/2-A	LCS 720-86572/2-A	Total/NA	Solid	5035	
LCSD 720-86572/3-A	LCSD 720-86572/3-A	Total/NA	Solid	5035	
LCS 720-86572/4-A	LCS 720-86572/4-A	Total/NA	Solid	5035	
LCSD 720-86572/5-A	LCSD 720-86572/5-A	Total/NA	Solid	5035	
720-33387-10	C5-2	Total/NA	Solid	5035	
720-33387-10 MS	C5-2	Total/NA	Solid	5035	
720-33387-10 MSD	C5-2	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 86403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86403/1-A	MB 720-86403/1-A	Total/NA	Solid	3550B	
720-33387-5	C2-60	Total/NA	Solid	3550B	
720-33387-6	C4-2	Total/NA	Solid	3550B	
720-33387-8	C4-5	Total/NA	Solid	3550B	
720-33387-9	C5-5	Total/NA	Solid	3550B	
720-33387-10	C5-2	Total/NA	Solid	3550B	

GC/MS Semi VOA (Continued)

Prep Batch: 86403 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-10 MS	C5-2	Total/NA	Solid	3550B	
720-33387-10 MSD	C5-2	Total/NA	Solid	3550B	
720-33387-11	C1-2	Total/NA	Solid	3550B	
720-33387-12	C1-5	Total/NA	Solid	3550B	
LCS 720-86403/2-A	LCS 720-86403/2-A	Total/NA	Solid	3550B	
LCSD 720-86403/3-A	LCSD 720-86403/3-A	Total/NA	Solid	3550B	
720-33387-1	C2-2	Total/NA	Solid	3550B	
720-33387-2	C2-5	Total/NA	Solid	3550B	
720-33387-2 MS	C2-5	Total/NA	Solid	3550B	
720-33387-2 MSD	C2-5	Total/NA	Solid	3550B	

Analysis Batch: 86463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-1	C2-2	Total/NA	Solid	8270C SIM	86403
720-33387-2	C2-5	Total/NA	Solid	8270C SIM	86403
720-33387-2 MS	C2-5	Total/NA	Solid	8270C SIM	86403
720-33387-2 MSD	C2-5	Total/NA	Solid	8270C SIM	86403
720-33387-6	C4-2	Total/NA	Solid	8270C SIM	86403
720-33387-10	C5-2	Total/NA	Solid	8270C SIM	86403
LCS 720-86403/2-A	LCS 720-86403/2-A	Total/NA	Solid	8270C SIM	86403
LCSD 720-86403/3-A	LCSD 720-86403/3-A	Total/NA	Solid	8270C SIM	86403
MB 720-86403/1-A	MB 720-86403/1-A	Total/NA	Solid	8270C SIM	86403

Analysis Batch: 86570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-10 MS	C5-2	Total/NA	Solid	8270C SIM	86403
720-33387-10 MSD	C5-2	Total/NA	Solid	8270C SIM	86403
720-33387-5	C2-60	Total/NA	Solid	8270C SIM	86403
720-33387-8	C4-5	Total/NA	Solid	8270C SIM	86403
720-33387-9	C5-5	Total/NA	Solid	8270C SIM	86403
720-33387-11	C1-2	Total/NA	Solid	8270C SIM	86403
720-33387-12	C1-5	Total/NA	Solid	8270C SIM	86403

GC Semi VOA

Analysis Batch: 86372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-9	C5-5	Total/NA	Solid	8015B	86402
720-33387-2	C2-5	Total/NA	Solid	8015B	86402
720-33387-2 MS	C2-5	Total/NA	Solid	8015B	86402
720-33387-2 MSD	C2-5	Total/NA	Solid	8015B	86402
720-33387-1	C2-2	Total/NA	Solid	8015B	86402
720-33387-3	C2-20	Total/NA	Solid	8015B	86402
720-33387-4	C2-30	Total/NA	Solid	8015B	86402
720-33387-5	C2-60	Total/NA	Solid	8015B	86402
720-33387-6	C4-2	Total/NA	Solid	8015B	86402
720-33387-7	C4-60	Total/NA	Solid	8015B	86402
MB 720-86402/1-A	MB 720-86402/1-A	Total/NA	Solid	8015B	86402

Analysis Batch: 86373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-12	C1-5	Total/NA	Solid	8015B	86402

GC Semi VOA (Continued)

Analysis Batch: 86373 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-10 MS	C5-2	Total/NA	Solid	8015B	86402
720-33387-10 MSD	C5-2	Total/NA	Solid	8015B	86402
720-33387-8	C4-5	Total/NA	Solid	8015B	86402

Prep Batch: 86402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86402/1-A	MB 720-86402/1-A	Total/NA	Solid	3550B	
720-33387-5	C2-60	Total/NA	Solid	3550B	
720-33387-6	C4-2	Total/NA	Solid	3550B	
720-33387-7	C4-60	Total/NA	Solid	3550B	
720-33387-8	C4-5	Total/NA	Solid	3550B	
720-33387-9	C5-5	Total/NA	Solid	3550B	
720-33387-10	C5-2	Total/NA	Solid	3550B	
720-33387-10 MS	C5-2	Total/NA	Solid	3550B	
720-33387-10 MSD	C5-2	Total/NA	Solid	3550B	
720-33387-11	C1-2	Total/NA	Solid	3550B	
720-33387-12	C1-5	Total/NA	Solid	3550B	
LCS 720-86402/2-A	LCS 720-86402/2-A	Total/NA	Solid	3550B	
LCSD 720-86402/3-A	LCSD 720-86402/3-A	Total/NA	Solid	3550B	
720-33387-1	C2-2	Total/NA	Solid	3550B	
720-33387-2	C2-5	Total/NA	Solid	3550B	
720-33387-2 MS	C2-5	Total/NA	Solid	3550B	
720-33387-2 MSD	C2-5	Total/NA	Solid	3550B	
720-33387-3	C2-20	Total/NA	Solid	3550B	
720-33387-4	C2-30	Total/NA	Solid	3550B	

Analysis Batch: 86546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86402/2-A	LCS 720-86402/2-A	Total/NA	Solid	8015B	86402
LCSD 720-86402/3-A	LCSD 720-86402/3-A	Total/NA	Solid	8015B	86402

Analysis Batch: 86567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-11	C1-2	Total/NA	Solid	8015B	86402
720-33387-10	C5-2	Total/NA	Solid	8015B	86402

Metals

Prep Batch: 86492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86492/1-A	MB 720-86492/1-A	Total/NA	Solid	3050B	
720-33387-1	C2-2	Total/NA	Solid	3050B	
720-33387-2 MS	C2-5	Total/NA	Solid	3050B	
720-33387-2 MSD	C2-5	Total/NA	Solid	3050B	
720-33387-2	C2-5	Total/NA	Solid	3050B	
720-33387-5	C2-60	Total/NA	Solid	3050B	
720-33387-6	C4-2	Total/NA	Solid	3050B	
LCS 720-86492/2-A	LCS 720-86492/2-A	Total/NA	Solid	3050B	
720-33387-8	C4-5	Total/NA	Solid	3050B	
720-33387-9	C5-5	Total/NA	Solid	3050B	
720-33387-10 MS	C5-2	Total/NA	Solid	3050B	
720-33387-10 MSD	C5-2	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 86492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-10	C5-2	Total/NA	Solid	3050B	
LCSSRM 720-86492/25-A	LCSSRM 720-86492/25-A	Total/NA	Solid	3050B	
LCSD 720-86492/3-A	LCSD 720-86492/3-A	Total/NA	Solid	3050B	
720-33387-11	C1-2	Total/NA	Solid	3050B	
720-33387-12	C1-5	Total/NA	Solid	3050B	

Prep Batch: 86568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	
720-33387-1	C2-2	Total/NA	Solid	7471A	
720-33387-2	C2-5	Total/NA	Solid	7471A	
720-33387-2 MS	C2-5	Total/NA	Solid	7471A	
720-33387-2 MSD	C2-5	Total/NA	Solid	7471A	
720-33387-5	C2-60	Total/NA	Solid	7471A	
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	
720-33387-8	C4-5	Total/NA	Solid	7471A	

Prep Batch: 86571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	
720-33387-9	C5-5	Total/NA	Solid	7471A	
720-33387-10	C5-2	Total/NA	Solid	7471A	
720-33387-10 MS	C5-2	Total/NA	Solid	7471A	
720-33387-10 MSD	C5-2	Total/NA	Solid	7471A	
720-33387-11	C1-2	Total/NA	Solid	7471A	
720-33387-12	C1-5	Total/NA	Solid	7471A	

Analysis Batch: 86605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86492/1-A	MB 720-86492/1-A	Total/NA	Solid	6010B	86492
720-33387-1	C2-2	Total/NA	Solid	6010B	86492
720-33387-2 MS	C2-5	Total/NA	Solid	6010B	86492
720-33387-2 MSD	C2-5	Total/NA	Solid	6010B	86492
720-33387-2	C2-5	Total/NA	Solid	6010B	86492
LCS 720-86492/2-A	LCS 720-86492/2-A	Total/NA	Solid	6010B	86492
720-33387-5	C2-60	Total/NA	Solid	6010B	86492
720-33387-6	C4-2	Total/NA	Solid	6010B	86492
720-33387-8	C4-5	Total/NA	Solid	6010B	86492
720-33387-9	C5-5	Total/NA	Solid	6010B	86492
720-33387-10 MS	C5-2	Total/NA	Solid	6010B	86492
720-33387-10 MSD	C5-2	Total/NA	Solid	6010B	86492
720-33387-10	C5-2	Total/NA	Solid	6010B	86492
LCSSRM 720-86492/25-A	LCSSRM 720-86492/25-A	Total/NA	Solid	6010B	86492
LCSD 720-86492/3-A	LCSD 720-86492/3-A	Total/NA	Solid	6010B	86492
720-33387-11	C1-2	Total/NA	Solid	6010B	86492
720-33387-12	C1-5	Total/NA	Solid	6010B	86492

Metals (Continued)

Analysis Batch: 86620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-2 MSD	C2-5	Total/NA	Solid	7471A	86568
720-33387-8	C4-5	Total/NA	Solid	7471A	86568
MB 720-86568/1-A	MB 720-86568/1-A	Total/NA	Solid	7471A	86568
720-33387-1	C2-2	Total/NA	Solid	7471A	86568
720-33387-5	C2-60	Total/NA	Solid	7471A	86568
LCS 720-86568/2-A	LCS 720-86568/2-A	Total/NA	Solid	7471A	86568
LCSD 720-86568/3-A	LCSD 720-86568/3-A	Total/NA	Solid	7471A	86568
720-33387-2	C2-5	Total/NA	Solid	7471A	86568
720-33387-2 MS	C2-5	Total/NA	Solid	7471A	86568

Prep Batch: 86626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	
720-33387-6 MS	C4-2	Total/NA	Solid	7471A	
720-33387-6 MSD	C4-2	Total/NA	Solid	7471A	
720-33387-6	C4-2	Total/NA	Solid	7471A	

Analysis Batch: 86627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-10 MSD	C5-2	Total/NA	Solid	7471A	86571
720-33387-11	C1-2	Total/NA	Solid	7471A	86571
720-33387-12	C1-5	Total/NA	Solid	7471A	86571
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	86571
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	86571
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	86571
720-33387-9	C5-5	Total/NA	Solid	7471A	86571
720-33387-10	C5-2	Total/NA	Solid	7471A	86571
720-33387-10 MS	C5-2	Total/NA	Solid	7471A	86571

Analysis Batch: 86636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	86626
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	86626
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	86626
720-33387-6 MS	C4-2	Total/NA	Solid	7471A	86626
720-33387-6 MSD	C4-2	Total/NA	Solid	7471A	86626
720-33387-6	C4-2	Total/NA	Solid	7471A	86626

Client Sample ID: C2-2

Lab Sample ID: 720-33387-1

Date Collected: 02/16/11 08:15

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 14:04	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86463	02/18/11 14:22	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 20:47	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 13:47	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:40	ET	TestAmerica San Francisco

Client Sample ID: C2-5

Lab Sample ID: 720-33387-2

Date Collected: 02/16/11 08:20

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 14:32	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86463	02/18/11 14:46	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 19:37	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:00	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 15:47	ET	TestAmerica San Francisco

Client Sample ID: C2-20

Lab Sample ID: 720-33387-3

Date Collected: 02/16/11 08:30

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 15:58	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 21:10	DH	TestAmerica San Francisco

Client Sample ID: C2-30

Lab Sample ID: 720-33387-4

Date Collected: 02/16/11 09:50

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco

Client Sample ID: C2-30

Lab Sample ID: 720-33387-4

Date Collected: 02/16/11 09:50

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 16:27	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 21:34	DH	TestAmerica San Francisco

Client Sample ID: C2-60

Lab Sample ID: 720-33387-5

Date Collected: 02/16/11 00:00

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 16:55	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86570	02/22/11 18:23	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		2	86372	02/17/11 21:57	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:04	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 16:42	ET	TestAmerica San Francisco

Client Sample ID: C4-2

Lab Sample ID: 720-33387-6

Date Collected: 02/16/11 10:15

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 21:24	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86463	02/18/11 15:56	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 22:44	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:08	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 21:59	sk	TestAmerica San Francisco

Client Sample ID: C4-60

Lab Sample ID: 720-33387-7

Date Collected: 02/16/11 00:00

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 21:54	AC	TestAmerica San Francisco

Client Sample ID: C4-60

Lab Sample ID: 720-33387-7

Date Collected: 02/16/11 00:00

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86372	02/17/11 23:07	DH	TestAmerica San Francisco

Client Sample ID: C4-5

Lab Sample ID: 720-33387-8

Date Collected: 02/16/11 10:20

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 22:25	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		5	86570	02/22/11 18:47	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		5	86373	02/17/11 20:47	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:12	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86568	02/22/11 10:50	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86620	02/22/11 15:56	ET	TestAmerica San Francisco

Client Sample ID: C5-5

Lab Sample ID: 720-33387-9

Date Collected: 02/16/11 10:30

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 18:50	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86570	02/22/11 19:10	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		2	86372	02/17/11 18:33	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:25	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:19	JR	TestAmerica San Francisco

Client Sample ID: C5-2

Lab Sample ID: 720-33387-10

Date Collected: 02/16/11 10:25

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86572	02/16/11 08:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86449	02/18/11 15:29	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86463	02/18/11 16:19	ML	TestAmerica San Francisco

Client Sample ID: C5-2

Lab Sample ID: 720-33387-10

Date Collected: 02/16/11 10:25

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86567	02/22/11 18:05	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 14:37	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:22	JR	TestAmerica San Francisco

Client Sample ID: C1-2

Lab Sample ID: 720-33387-11

Date Collected: 02/16/11 10:35

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 19:18	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86570	02/22/11 19:33	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86567	02/22/11 17:17	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 12:58	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:29	JR	TestAmerica San Francisco

Client Sample ID: C1-5

Lab Sample ID: 720-33387-12

Date Collected: 02/16/11 10:40

Matrix: Solid

Date Received: 02/16/11 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86471	02/16/11 20:00	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86378	02/17/11 19:47	YB	TestAmerica San Francisco
Total/NA	Prep	3550B			86403	02/17/11 11:39	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		5	86570	02/22/11 19:56	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86402	02/17/11 11:35	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		5	86373	02/17/11 18:33	DH	TestAmerica San Francisco
Total/NA	Prep	3050B			86492	02/18/11 13:55	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86605	02/22/11 13:02	EFH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 17:32	JR	TestAmerica San Francisco

Certification Summary

Client: URS Corporation
Project/Site: CHESNUT

TestAmerica Job ID: 720-33387-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: URS Corporation
Project/Site: CHESNUT

TestAmerica Job ID: 720-33387-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: CHESNUT

TestAmerica Job ID: 720-33387-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33387-1	C2-2	Solid	02/16/11 08:15	02/16/11 14:30
720-33387-2	C2-5	Solid	02/16/11 08:20	02/16/11 14:30
720-33387-3	C2-20	Solid	02/16/11 08:30	02/16/11 14:30
720-33387-4	C2-30	Solid	02/16/11 09:50	02/16/11 14:30
720-33387-5	C2-60	Solid	02/16/11 00:00	02/16/11 14:30
720-33387-6	C4-2	Solid	02/16/11 10:15	02/16/11 14:30
720-33387-7	C4-60	Solid	02/16/11 00:00	02/16/11 14:30
720-33387-8	C4-5	Solid	02/16/11 10:20	02/16/11 14:30
720-33387-9	C5-5	Solid	02/16/11 10:30	02/16/11 14:30
720-33387-10	C5-2	Solid	02/16/11 10:25	02/16/11 14:30
720-33387-11	C1-2	Solid	02/16/11 10:35	02/16/11 14:30
720-33387-12	C1-5	Solid	02/16/11 10:40	02/16/11 14:30

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

120-33387

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
129714
TestAmerica Laboratories, Inc.

02/23/2011

Client Contact	Project Manager: Giorgio Molinario	Site Contact: G. Raggambi	Date: 2/16/11	COC No:
URS Corporation	Tel/Fax:	Lab Contact:	Carrier:	____ of ____ COCs
1 Montgomery St., Suite 900	**Analysis Turnaround Time**			Job No. 28007905
San Francisco, CA 94014	Calendar (C) or Work Days (W) ____			SDG No.
415.896.5858 Phone	TAT if different from Below ____			
415.882.9261 FAX	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			
Project Name: CSI CHESTNUT ST				
Site: CHESTNUT ST				
PO # 28007905				

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPH-D+BTEX 8015M	TPH-D+MO 8015M	CAM 17 6010	Pesticides 8081A	PAHs 8270C	Sample Specific Notes: 2.6°C
1	C-2-16-2	2/16/11	815	G	S	4		X	X	X		X	1 sleeve, 3 encores
2	C-2-2-16-5	2/16/11	820	G	S	11		X	X	X		X	MS/MSD 2 sleeves 9 encores
3	C-2-2-16-20	2/16/11	830	G	S	4		X	X				1 sleeve, 3 encores
4	C-2-2-16-30	2/16/11	950	G	S	4		X	X				1 sleeve, 3 encores
5	C-2-60-2-16-2	2/16/11		G	S	4		X	X	X		X	1 sleeve, 3 encores
6	C-4-2-16-2	2/16/11	1015	G	S	4		X	X	X		X	1 ~~sleeve~~ SAR (4th), 3 encores
7	C-4-60-2-16-2	2/16/11		G	S	4		X	X				1 sar, 3 encores
8	C-4-2-16-5	2/16/11	1020	G	S	4		X	X	X		X	1 sleeve, 3 encores
9	C-5-2-16-5	2/16/11	1030	G	S	4		X	X	X		X	(4th) ~~MS/MSD~~ 1 sleeve, 3 encores
10	C-5-2-16-2	2/16/11	1025	G	S	11		X	X	X		X	MS/MSD 2 sleeves 9 encores
11	C-1-2-16-2	2/16/11	1035	G	S	4		X	X	X		X	1 sleeve 3 encores
12	C-1-2-16-5	2/16/11	1040	G	S	4		X	X	X		X	1 sleeve, 3 encores

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	URS	2/16/11 1415		TestAmerica	2/16/11 1415
	TestAmerica	2/16/11 1430		TestAmerica	2-16-11 1430

Login Sample Receipt Check List

Client: URS Corporation

Job Number: 720-33387-1

Login Number: 33387

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F/ NA	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.	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 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	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.	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	

AFSANEH: Revised Sample Numbers

05/05/10 rev 2.0

Sample Login Acknowledgement

Job 720-33387-1

Client Job Description:	CHESNUT	**Report To:**	URS Corporation Giorgio Mollinario One Montgomery Street Suite 900 San Francisco, CA 94104-4538
Purchase Order #:	Purchase Order Requested		
Work Order #:			
Project Manager:	Afsaneh Salimpour		
Job Due Date:	2/23/2011		
Job TAT:	5 Days		
Max Deliverable Level:	II	**Bill To:**	URS Corporation Giorgio Mollinario One Montgomery Street Suite 900 San Francisco, CA 94104-4538
Earliest Deliverable Due:	2/23/2011		

Dep 2

Login 720-33387

Sample Receipt:	2/16/2011 2:30:00 PM	**Number of Coolers:**	0
Method of Delivery:	Lab Courier	**Cooler Temperature(s) (C°):**	

Lab Sample # / Method	Client Sample ID / Method Description / Work Location	Date Sampled	Matrix	Rpt Basis	Dry / Wet **
720-33387-1	~~C-2-2-16-2~~ C2-2	**2/16/2011 8:15:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33387-2	~~C-2-2-16-5~~ C2-5	**2/16/2011 8:20:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33387-2 MS	~~C-2-2-16-5~~ C2-5	**2/16/2011 8:20:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33387-2 MSD	~~C-2-2-16-5~~ C2-5	**2/16/2011 8:20:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33387-3	~~C-2-2-16-20~~ C2-20	**2/16/2011 8:30:00 AM**	**Solid**		
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
720-33387-4	~~C-2-2-16-30~~ C2-30	**2/16/2011 9:50:00 AM**	**Solid**		
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
720-33387-5	~~C-2-60-2-16-2~~ C2-60	**2/16/2011 12:00:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet
7471A	Mercury (CVAA) / In-Lab			Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab			Total	Wet
8260B_LL	GRO / BTEX / In-Lab			Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab			Total	Wet
720-33387-6	~~C-4-2-16-2~~ C4-2	**2/16/2011 10:15:00 AM**	**Solid**		
6010B	CAM 17, No Mercury / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

Sample Login Acknowledgement

Lab Sample # / Method	Client Sample ID / Method Description / Work Location	Date Sampled	Matrix / Rpt Basis	Dry / Wet **
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-7	~~C-4-60-2-16-2~~ C4-60	**2/16/2011 12:00:00 AM**	**Solid**	
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
720-33387-8	~~C-4-2-16-5~~ C4-5	**2/16/2011 10:20:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-9	~~C-5-2-16-5~~ C5-5	**2/16/2011 10:30:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-10	~~C-5-2-16-2~~ C5-2	**2/16/2011 10:25:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-10 MS	~~C-5-2-16-2~~ C5-2	**2/16/2011 10:25:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-10 MSD	C-5-2-16-2 C5-2	**2/16/2011 10:25:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-11	~~C-1-2-16-2~~ C1-2	**2/16/2011 10:35:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet
720-33387-12	~~C-1-2-16-5~~ C1-5	**2/16/2011 10:40:00 AM**	**Solid**	
6010B	CAM 17, No Mercury / In-Lab		Total	Wet
7471A	Mercury (CVAA) / In-Lab		Total	Wet
8015B_DRO	8015/3550- DRO/MRO / In-Lab		Total	Wet
8260B_LL	GRO / BTEX / In-Lab		Total	Wet
8270C_SIM	PAHs by GCMS (SIM) / In-Lab		Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content, and based on sample Wet weight or Dry weight.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33432

SAMPLES: C14GW, C12GW, C1GW, THL-SF-TB011711

MATRIX: Water

Analysis	Volatile Organic Compounds + GRO 8260B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C12GW)	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C20GW and C2GW)	NA
Trip Blanks	✓
Reporting Limits	✓

✓ – QC criteria were met.

Notes: 1. The mean percent recovery of acetone of 59% was below the QC acceptance range of 60% to 140%. The reporting limit of acetone in sample C12GW was flagged "UJ," estimated. However, overall this result does not indicate significant matrix effects for precision.

Summary:

Based on this Level III validation, these data are usable, as qualified, for their intended purpose. None of these data were rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33432

SAMPLES: C14GW, C12GW, C1GW

MATRIX: Water

Analysis	Diesel Range Organics (C10-C28) Motor Oil Organics (C24-C36) 8015B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C12GW)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33432

SAMPLES: C14GW, C12GW, C1GW

MATRIX: Water

Analysis	CAM 17 Metals 6010B / Hg by 7470A
Holding Time	✓
MS/MSD (C12GW)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33432-1
Client Project/Site: B1 CHESTNUT

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Giorgio Mollinario

Authorized for release by:
2/25/2011 4:44 PM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

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.

Table of Contents

Qualifier Definition/Glossary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33432-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 720-33432-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33432-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33432-1

Client Sample ID: C14GW — Lab Sample ID: 720-33432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	13		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Trichloroethene	0.98		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Diesel Range Organics [C10-C28]	69		55		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	120		110		ug/L	1		8015B	Total/NA
Barium	0.30		0.0050		mg/L	1		6010B	Dissolved
Cobalt	0.0087		0.0020		mg/L	1		6010B	Dissolved
Molybdenum	0.034		0.010		mg/L	1		6010B	Dissolved
Nickel	0.055		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: C12GW — Lab Sample ID: 720-33432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.4		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Motor Oil Range Organics [C24-C36]	120		120		ug/L	1		8015B	Total/NA
Barium	0.35		0.0050		mg/L	1		6010B	Dissolved
Cobalt	0.0023		0.0020		mg/L	1		6010B	Dissolved
Nickel	0.016		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: C1GW — Lab Sample ID: 720-33432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	13		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Trichloroethene	0.71		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Barium	0.43		0.0050		mg/L	1		6010B	Dissolved
Chromium	0.015		0.010		mg/L	1		6010B	Dissolved
Cobalt	0.011		0.0020		mg/L	1		6010B	Dissolved
Lead	0.0051		0.0050		mg/L	1		6010B	Dissolved
Molybdenum	0.010		0.010		mg/L	1		6010B	Dissolved
Nickel	0.081		0.010		mg/L	1		6010B	Dissolved
Vanadium	0.011		0.010		mg/L	1		6010B	Dissolved

Client Sample ID: TAL-SF-TB011711 — Lab Sample ID: 720-33432-4

No Detections.

Client Sample ID: C14GW
Date Collected: 02/17/11 09:53
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/24/11 20:57	1
Acetone	ND		50		ug/L			02/24/11 20:57	1
Benzene	ND		0.50		ug/L			02/24/11 20:57	1
Dichlorobromomethane	ND		0.50		ug/L			02/24/11 20:57	1
Bromobenzene	ND		1.0		ug/L			02/24/11 20:57	1
Chlorobromomethane	ND		1.0		ug/L			02/24/11 20:57	1
Bromoform	ND		1.0		ug/L			02/24/11 20:57	1
Bromomethane	ND		1.0		ug/L			02/24/11 20:57	1
2-Butanone (MEK)	ND		50		ug/L			02/24/11 20:57	1
n-Butylbenzene	ND		1.0		ug/L			02/24/11 20:57	1
sec-Butylbenzene	ND		1.0		ug/L			02/24/11 20:57	1
tert-Butylbenzene	ND		1.0		ug/L			02/24/11 20:57	1
Carbon disulfide	ND		5.0		ug/L			02/24/11 20:57	1
Carbon tetrachloride	ND		0.50		ug/L			02/24/11 20:57	1
Chlorobenzene	ND		0.50		ug/L			02/24/11 20:57	1
Chloroethane	ND		1.0		ug/L			02/24/11 20:57	1
Chloroform	ND		1.0		ug/L			02/24/11 20:57	1
Chloromethane	ND		1.0		ug/L			02/24/11 20:57	1
2-Chlorotoluene	ND		0.50		ug/L			02/24/11 20:57	1
4-Chlorotoluene	ND		0.50		ug/L			02/24/11 20:57	1
Chlorodibromomethane	ND		0.50		ug/L			02/24/11 20:57	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/24/11 20:57	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/24/11 20:57	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/24/11 20:57	1
1,3-Dichloropropane	ND		1.0		ug/L			02/24/11 20:57	1
1,1-Dichloropropene	ND		0.50		ug/L			02/24/11 20:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/24/11 20:57	1
Ethylene Dibromide	ND		0.50		ug/L			02/24/11 20:57	1
Dibromomethane	ND		0.50		ug/L			02/24/11 20:57	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/24/11 20:57	1
1,1-Dichloroethane	ND		0.50		ug/L			02/24/11 20:57	1
1,2-Dichloroethane	ND		0.50		ug/L			02/24/11 20:57	1
1,1-Dichloroethene	ND		0.50		ug/L			02/24/11 20:57	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/24/11 20:57	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/24/11 20:57	1
1,2-Dichloropropane	ND		0.50		ug/L			02/24/11 20:57	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/24/11 20:57	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/24/11 20:57	1
Ethylbenzene	ND		0.50		ug/L			02/24/11 20:57	1
Hexachlorobutadiene	ND		1.0		ug/L			02/24/11 20:57	1
2-Hexanone	ND		50		ug/L			02/24/11 20:57	1
Isopropylbenzene	ND		0.50		ug/L			02/24/11 20:57	1
4-Isopropyltoluene	ND		1.0		ug/L			02/24/11 20:57	1
Methylene Chloride	ND		5.0		ug/L			02/24/11 20:57	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/24/11 20:57	1
Naphthalene	ND		1.0		ug/L			02/24/11 20:57	1
N-Propylbenzene	ND		1.0		ug/L			02/24/11 20:57	1
Styrene	ND		0.50		ug/L			02/24/11 20:57	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/24/11 20:57	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/24/11 20:57	1

Client Sample ID: C14GW
Date Collected: 02/17/11 09:53
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**13**		0.50		ug/L			02/24/11 20:57	1
Toluene	ND		0.50		ug/L			02/24/11 20:57	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/24/11 20:57	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/24/11 20:57	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/24/11 20:57	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/24/11 20:57	1
Trichloroethene	**0.98**		0.50		ug/L			02/24/11 20:57	1
Trichlorofluoromethane	ND		1.0		ug/L			02/24/11 20:57	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/24/11 20:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/24/11 20:57	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/24/11 20:57	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/24/11 20:57	1
Vinyl acetate	ND		10		ug/L			02/24/11 20:57	1
Vinyl chloride	ND		0.50		ug/L			02/24/11 20:57	1
Xylenes, Total	ND		1.0		ug/L			02/24/11 20:57	1
2,2-Dichloropropane	ND		0.50		ug/L			02/24/11 20:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/24/11 20:57	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*02/24/11 20:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*		*02/24/11 20:57*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/24/11 20:57*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**69**		55		ug/L		02/19/11 10:22	02/22/11 11:39	1
Motor Oil Range Organics [C24-C36]	**120**		110		ug/L		02/19/11 10:22	02/22/11 11:39	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*100*		*23 - 156*	*02/19/11 10:22*	*02/22/11 11:39*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Arsenic	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Barium	**0.30**		0.0050		mg/L		02/22/11 16:53	02/23/11 18:12	1
Beryllium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Cadmium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Chromium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Cobalt	**0.0087**		0.0020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Copper	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Lead	ND		0.0050		mg/L		02/22/11 16:53	02/23/11 18:12	1
Molybdenum	**0.034**		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Nickel	**0.055**		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Selenium	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Silver	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:12	1
Thallium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Vanadium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:12	1
Zinc	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:12	1

Client Sample ID: C14GW

Lab Sample ID: 720-33432-1

Date Collected: 02/17/11 09:53

Matrix: Water

Date Received: 02/17/11 16:12

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:13	1

Client Sample ID: C12GW

Lab Sample ID: 720-33432-2

Date Collected: 02/17/11 11:20

Matrix: Water

Date Received: 02/17/11 16:12

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 13:26	1
Acetone	ND		50		ug/L			02/22/11 13:26	1
Benzene	ND		0.50		ug/L			02/22/11 13:26	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 13:26	1
Bromobenzene	ND		1.0		ug/L			02/22/11 13:26	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 13:26	1
Bromoform	ND		1.0		ug/L			02/22/11 13:26	1
Bromomethane	ND		1.0		ug/L			02/22/11 13:26	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 13:26	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 13:26	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 13:26	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 13:26	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 13:26	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 13:26	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 13:26	1
Chloroethane	ND		1.0		ug/L			02/22/11 13:26	1
Chloroform	ND		1.0		ug/L			02/22/11 13:26	1
Chloromethane	ND		1.0		ug/L			02/22/11 13:26	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 13:26	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 13:26	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 13:26	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 13:26	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 13:26	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 13:26	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 13:26	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 13:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 13:26	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 13:26	1
Dibromomethane	ND		0.50		ug/L			02/22/11 13:26	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 13:26	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 13:26	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 13:26	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 13:26	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 13:26	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 13:26	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 13:26	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 13:26	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 13:26	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 13:26	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 13:26	1
2-Hexanone	ND		50		ug/L			02/22/11 13:26	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 13:26	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 13:26	1

Client Sample ID: C12GW
Date Collected: 02/17/11 11:20
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0		ug/L			02/22/11 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 13:26	1
Naphthalene	ND		1.0		ug/L			02/22/11 13:26	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 13:26	1
Styrene	ND		0.50		ug/L			02/22/11 13:26	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 13:26	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 13:26	1
Tetrachloroethene	**2.4**		0.50		ug/L			02/22/11 13:26	1
Toluene	ND		0.50		ug/L			02/22/11 13:26	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 13:26	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 13:26	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 13:26	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 13:26	1
Trichloroethene	ND		0.50		ug/L			02/22/11 13:26	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 13:26	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 13:26	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 13:26	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 13:26	1
Vinyl acetate	ND		10		ug/L			02/22/11 13:26	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 13:26	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 13:26	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 13:26	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 13:26	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*02/22/11 13:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*67 - 130*		*02/22/11 13:26*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/22/11 13:26*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		62		ug/L		02/19/11 10:22	02/22/11 12:02	1
Motor Oil Range Organics [C24-C36]	**120**		120		ug/L		02/19/11 10:22	02/22/11 12:02	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*94*		*23 - 156*	*02/19/11 10:22*	*02/22/11 12:02*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Arsenic	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Barium	**0.35**		0.0050		mg/L		02/22/11 16:53	02/23/11 18:16	1
Beryllium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Cadmium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Chromium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Cobalt	**0.0023**		0.0020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Copper	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Lead	ND		0.0050		mg/L		02/22/11 16:53	02/23/11 18:16	1
Molybdenum	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1

Client Sample ID: C12GW

Date Collected: 02/17/11 11:20
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-2
Matrix: Water

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.016**		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Selenium	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Silver	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:16	1
Thallium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Vanadium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:16	1
Zinc	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:16	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:16	1

Client Sample ID: C1GW

Date Collected: 02/17/11 13:30
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-3
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/19/11 18:44	1
Acetone	ND		50		ug/L			02/19/11 18:44	1
Benzene	ND		0.50		ug/L			02/19/11 18:44	1
Dichlorobromomethane	ND		0.50		ug/L			02/19/11 18:44	1
Bromobenzene	ND		1.0		ug/L			02/19/11 18:44	1
Chlorobromomethane	ND		1.0		ug/L			02/19/11 18:44	1
Bromoform	ND		1.0		ug/L			02/19/11 18:44	1
Bromomethane	ND		1.0		ug/L			02/19/11 18:44	1
2-Butanone (MEK)	ND		50		ug/L			02/19/11 18:44	1
n-Butylbenzene	ND		1.0		ug/L			02/19/11 18:44	1
sec-Butylbenzene	ND		1.0		ug/L			02/19/11 18:44	1
tert-Butylbenzene	ND		1.0		ug/L			02/19/11 18:44	1
Carbon disulfide	ND		5.0		ug/L			02/19/11 18:44	1
Carbon tetrachloride	ND		0.50		ug/L			02/19/11 18:44	1
Chlorobenzene	ND		0.50		ug/L			02/19/11 18:44	1
Chloroethane	ND		1.0		ug/L			02/19/11 18:44	1
Chloroform	ND		1.0		ug/L			02/19/11 18:44	1
Chloromethane	ND		1.0		ug/L			02/19/11 18:44	1
2-Chlorotoluene	ND		0.50		ug/L			02/19/11 18:44	1
4-Chlorotoluene	ND		0.50		ug/L			02/19/11 18:44	1
Chlorodibromomethane	ND		0.50		ug/L			02/19/11 18:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/19/11 18:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/19/11 18:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/19/11 18:44	1
1,3-Dichloropropane	ND		1.0		ug/L			02/19/11 18:44	1
1,1-Dichloropropene	ND		0.50		ug/L			02/19/11 18:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/19/11 18:44	1
Ethylene Dibromide	ND		0.50		ug/L			02/19/11 18:44	1
Dibromomethane	ND		0.50		ug/L			02/19/11 18:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/19/11 18:44	1
1,1-Dichloroethane	ND		0.50		ug/L			02/19/11 18:44	1
1,2-Dichloroethane	ND		0.50		ug/L			02/19/11 18:44	1
1,1-Dichloroethene	ND		0.50		ug/L			02/19/11 18:44	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 18:44	1

Client Sample ID: C1GW
Date Collected: 02/17/11 13:30
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-3
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 18:44	1
1,2-Dichloropropane	ND		0.50		ug/L			02/19/11 18:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 18:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 18:44	1
Ethylbenzene	ND		0.50		ug/L			02/19/11 18:44	1
Hexachlorobutadiene	ND		1.0		ug/L			02/19/11 18:44	1
2-Hexanone	ND		50		ug/L			02/19/11 18:44	1
Isopropylbenzene	ND		0.50		ug/L			02/19/11 18:44	1
4-Isopropyltoluene	ND		1.0		ug/L			02/19/11 18:44	1
Methylene Chloride	ND		5.0		ug/L			02/19/11 18:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/19/11 18:44	1
Naphthalene	ND		1.0		ug/L			02/19/11 18:44	1
N-Propylbenzene	ND		1.0		ug/L			02/19/11 18:44	1
Styrene	ND		0.50		ug/L			02/19/11 18:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 18:44	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 18:44	1
Tetrachloroethene	**13**		0.50		ug/L			02/19/11 18:44	1
Toluene	ND		0.50		ug/L			02/19/11 18:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/19/11 18:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/19/11 18:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/19/11 18:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/19/11 18:44	1
Trichloroethene	**0.71**		0.50		ug/L			02/19/11 18:44	1
Trichlorofluoromethane	ND		1.0		ug/L			02/19/11 18:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/19/11 18:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/19/11 18:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/19/11 18:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/19/11 18:44	1
Vinyl acetate	ND		10		ug/L			02/19/11 18:44	1
Vinyl chloride	ND		0.50		ug/L			02/19/11 18:44	1
Xylenes, Total	ND		1.0		ug/L			02/19/11 18:44	1
2,2-Dichloropropane	ND		0.50		ug/L			02/19/11 18:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/19/11 18:44	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*02/19/11 18:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*67 - 130*		*02/19/11 18:44*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*02/19/11 18:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		55		ug/L		02/19/11 10:22	02/22/11 14:44	1
Motor Oil Range Organics [C24-C36]	ND		110		ug/L		02/19/11 10:22	02/22/11 14:44	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*99*		*23 - 156*	*02/19/11 10:22*	*02/22/11 14:44*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Arsenic	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1

Client Sample ID: C1GW

Lab Sample ID: 720-33432-3

Date Collected: 02/17/11 13:30

Matrix: Water

Date Received: 02/17/11 16:12

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.43**		0.0050		mg/L		02/22/11 16:53	02/23/11 18:28	1
Beryllium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Cadmium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Chromium	**0.015**		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Cobalt	**0.011**		0.0020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Copper	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Lead	**0.0051**		0.0050		mg/L		02/22/11 16:53	02/23/11 18:28	1
Molybdenum	**0.010**		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Nickel	**0.081**		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Selenium	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Silver	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:28	1
Thallium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Vanadium	**0.011**		0.010		mg/L		02/22/11 16:53	02/23/11 18:28	1
Zinc	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:28	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:27	1

Client Sample ID: TAL-SF-TB011711

Lab Sample ID: 720-33432-4

Date Collected: 02/17/11 00:00

Matrix: Water

Date Received: 02/17/11 16:12

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/19/11 19:14	1
Acetone	ND		50		ug/L			02/19/11 19:14	1
Benzene	ND		0.50		ug/L			02/19/11 19:14	1
Dichlorobromomethane	ND		0.50		ug/L			02/19/11 19:14	1
Bromobenzene	ND		1.0		ug/L			02/19/11 19:14	1
Chlorobromomethane	ND		1.0		ug/L			02/19/11 19:14	1
Bromoform	ND		1.0		ug/L			02/19/11 19:14	1
Bromomethane	ND		1.0		ug/L			02/19/11 19:14	1
2-Butanone (MEK)	ND		50		ug/L			02/19/11 19:14	1
n-Butylbenzene	ND		1.0		ug/L			02/19/11 19:14	1
sec-Butylbenzene	ND		1.0		ug/L			02/19/11 19:14	1
tert-Butylbenzene	ND		1.0		ug/L			02/19/11 19:14	1
Carbon disulfide	ND		5.0		ug/L			02/19/11 19:14	1
Carbon tetrachloride	ND		0.50		ug/L			02/19/11 19:14	1
Chlorobenzene	ND		0.50		ug/L			02/19/11 19:14	1
Chloroethane	ND		1.0		ug/L			02/19/11 19:14	1
Chloroform	ND		1.0		ug/L			02/19/11 19:14	1
Chloromethane	ND		1.0		ug/L			02/19/11 19:14	1
2-Chlorotoluene	ND		0.50		ug/L			02/19/11 19:14	1
4-Chlorotoluene	ND		0.50		ug/L			02/19/11 19:14	1
Chlorodibromomethane	ND		0.50		ug/L			02/19/11 19:14	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/19/11 19:14	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/19/11 19:14	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/19/11 19:14	1
1,3-Dichloropropane	ND		1.0		ug/L			02/19/11 19:14	1
1,1-Dichloropropene	ND		0.50		ug/L			02/19/11 19:14	1

Client Sample ID: TAL-SF-TB011711
Date Collected: 02/17/11 00:00
Date Received: 02/17/11 16:12

Lab Sample ID: 720-33432-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/19/11 19:14	1
Ethylene Dibromide	ND		0.50		ug/L			02/19/11 19:14	1
Dibromomethane	ND		0.50		ug/L			02/19/11 19:14	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/19/11 19:14	1
1,1-Dichloroethane	ND		0.50		ug/L			02/19/11 19:14	1
1,2-Dichloroethane	ND		0.50		ug/L			02/19/11 19:14	1
1,1-Dichloroethene	ND		0.50		ug/L			02/19/11 19:14	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 19:14	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 19:14	1
1,2-Dichloropropane	ND		0.50		ug/L			02/19/11 19:14	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 19:14	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 19:14	1
Ethylbenzene	ND		0.50		ug/L			02/19/11 19:14	1
Hexachlorobutadiene	ND		1.0		ug/L			02/19/11 19:14	1
2-Hexanone	ND		50		ug/L			02/19/11 19:14	1
Isopropylbenzene	ND		0.50		ug/L			02/19/11 19:14	1
4-Isopropyltoluene	ND		1.0		ug/L			02/19/11 19:14	1
Methylene Chloride	ND		5.0		ug/L			02/19/11 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/19/11 19:14	1
Naphthalene	ND		1.0		ug/L			02/19/11 19:14	1
N-Propylbenzene	ND		1.0		ug/L			02/19/11 19:14	1
Styrene	ND		0.50		ug/L			02/19/11 19:14	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 19:14	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 19:14	1
Tetrachloroethene	ND		0.50		ug/L			02/19/11 19:14	1
Toluene	ND		0.50		ug/L			02/19/11 19:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/19/11 19:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/19/11 19:14	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/19/11 19:14	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/19/11 19:14	1
Trichloroethene	ND		0.50		ug/L			02/19/11 19:14	1
Trichlorofluoromethane	ND		1.0		ug/L			02/19/11 19:14	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/19/11 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/19/11 19:14	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/19/11 19:14	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/19/11 19:14	1
Vinyl acetate	ND		10		ug/L			02/19/11 19:14	1
Vinyl chloride	ND		0.50		ug/L			02/19/11 19:14	1
Xylenes, Total	ND		1.0		ug/L			02/19/11 19:14	1
2,2-Dichloropropane	ND		0.50		ug/L			02/19/11 19:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/19/11 19:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/19/11 19:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*67 - 130*		*02/19/11 19:14*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/19/11 19:14*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-86538/4
Matrix: Water
Analysis Batch: 86538

Client Sample ID: MB 720-86538/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/19/11 11:19	1
Acetone	ND		50		ug/L			02/19/11 11:19	1
Benzene	ND		0.50		ug/L			02/19/11 11:19	1
Dichlorobromomethane	ND		0.50		ug/L			02/19/11 11:19	1
Bromobenzene	ND		1.0		ug/L			02/19/11 11:19	1
Chlorobromomethane	ND		1.0		ug/L			02/19/11 11:19	1
Bromoform	ND		1.0		ug/L			02/19/11 11:19	1
Bromomethane	ND		1.0		ug/L			02/19/11 11:19	1
2-Butanone (MEK)	ND		50		ug/L			02/19/11 11:19	1
n-Butylbenzene	ND		1.0		ug/L			02/19/11 11:19	1
sec-Butylbenzene	ND		1.0		ug/L			02/19/11 11:19	1
tert-Butylbenzene	ND		1.0		ug/L			02/19/11 11:19	1
Carbon disulfide	ND		5.0		ug/L			02/19/11 11:19	1
Carbon tetrachloride	ND		0.50		ug/L			02/19/11 11:19	1
Chlorobenzene	ND		0.50		ug/L			02/19/11 11:19	1
Chloroethane	ND		1.0		ug/L			02/19/11 11:19	1
Chloroform	ND		1.0		ug/L			02/19/11 11:19	1
Chloromethane	ND		1.0		ug/L			02/19/11 11:19	1
2-Chlorotoluene	ND		0.50		ug/L			02/19/11 11:19	1
4-Chlorotoluene	ND		0.50		ug/L			02/19/11 11:19	1
Chlorodibromomethane	ND		0.50		ug/L			02/19/11 11:19	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/19/11 11:19	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/19/11 11:19	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/19/11 11:19	1
1,3-Dichloropropane	ND		1.0		ug/L			02/19/11 11:19	1
1,1-Dichloropropene	ND		0.50		ug/L			02/19/11 11:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/19/11 11:19	1
Ethylene Dibromide	ND		0.50		ug/L			02/19/11 11:19	1
Dibromomethane	ND		0.50		ug/L			02/19/11 11:19	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/19/11 11:19	1
1,1-Dichloroethane	ND		0.50		ug/L			02/19/11 11:19	1
1,2-Dichloroethane	ND		0.50		ug/L			02/19/11 11:19	1
1,1-Dichloroethene	ND		0.50		ug/L			02/19/11 11:19	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 11:19	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/19/11 11:19	1
1,2-Dichloropropane	ND		0.50		ug/L			02/19/11 11:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 11:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/19/11 11:19	1
Ethylbenzene	ND		0.50		ug/L			02/19/11 11:19	1
Hexachlorobutadiene	ND		1.0		ug/L			02/19/11 11:19	1
2-Hexanone	ND		50		ug/L			02/19/11 11:19	1
Isopropylbenzene	ND		0.50		ug/L			02/19/11 11:19	1
4-Isopropyltoluene	ND		1.0		ug/L			02/19/11 11:19	1
Methylene Chloride	ND		5.0		ug/L			02/19/11 11:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/19/11 11:19	1
Naphthalene	ND		1.0		ug/L			02/19/11 11:19	1
N-Propylbenzene	ND		1.0		ug/L			02/19/11 11:19	1
Styrene	ND		0.50		ug/L			02/19/11 11:19	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 11:19	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86538/4
Matrix: Water
Analysis Batch: 86538

Client Sample ID: MB 720-86538/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/19/11 11:19	1
Tetrachloroethene	ND		0.50		ug/L			02/19/11 11:19	1
Toluene	ND		0.50		ug/L			02/19/11 11:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/19/11 11:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/19/11 11:19	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/19/11 11:19	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/19/11 11:19	1
Trichloroethene	ND		0.50		ug/L			02/19/11 11:19	1
Trichlorofluoromethane	ND		1.0		ug/L			02/19/11 11:19	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/19/11 11:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/19/11 11:19	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/19/11 11:19	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/19/11 11:19	1
Vinyl acetate	ND		10		ug/L			02/19/11 11:19	1
Vinyl chloride	ND		0.50		ug/L			02/19/11 11:19	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/19/11 11:19	1
o-Xylene	ND		0.50		ug/L			02/19/11 11:19	1
Xylenes, Total	ND		1.0		ug/L			02/19/11 11:19	1
2,2-Dichloropropane	ND		0.50		ug/L			02/19/11 11:19	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/19/11 11:19	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/19/11 11:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*67 - 130*		*02/19/11 11:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/19/11 11:19*	*1*

Lab Sample ID: LCS 720-86538/5
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCS 720-86538/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.6		ug/L		106	62 - 130
Acetone	125	91.2		ug/L		73	26 - 180
Benzene	25.0	27.0		ug/L		108	82 - 127
Dichlorobromomethane	25.0	27.8		ug/L		111	70 - 130
Bromobenzene	25.0	26.3		ug/L		105	79 - 127
Chlorobromomethane	25.0	27.4		ug/L		110	70 - 130
Bromoform	25.0	26.1		ug/L		104	68 - 136
Bromomethane	25.0	24.7		ug/L		99	43 - 151
2-Butanone (MEK)	125	120		ug/L		96	66 - 149
n-Butylbenzene	25.0	27.7		ug/L		111	79 - 142
sec-Butylbenzene	25.0	26.3		ug/L		105	81 - 134
tert-Butylbenzene	25.0	25.9		ug/L		103	82 - 135
Carbon disulfide	25.0	26.7		ug/L		107	68 - 137
Carbon tetrachloride	25.0	27.7		ug/L		111	77 - 146
Chlorobenzene	25.0	26.1		ug/L		105	70 - 130
Chloroethane	25.0	24.5		ug/L		98	62 - 138
Chloroform	25.0	26.6		ug/L		107	70 - 130
Chloromethane	25.0	22.9		ug/L		92	52 - 175

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86538/5
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCS 720-86538/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130
4-Chlorotoluene	25.0	25.4		ug/L		102	70 - 130
Chlorodibromomethane	25.0	27.9		ug/L		112	78 - 145
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	87 - 118
1,3-Dichloropropane	25.0	27.0		ug/L		108	82 - 128
1,1-Dichloropropene	25.0	27.6		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	72 - 136
Ethylene Dibromide	25.0	28.6		ug/L		114	70 - 130
Dibromomethane	25.0	27.2		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	18.6		ug/L		74	33 - 125
1,1-Dichloroethane	25.0	26.3		ug/L		105	70 - 130
1,2-Dichloroethane	25.0	26.4		ug/L		106	70 - 126
1,1-Dichloroethene	25.0	26.7		ug/L		107	64 - 128
cis-1,2-Dichloroethene	25.0	30.8		ug/L		123	70 - 130
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	75 - 131
1,2-Dichloropropane	25.0	26.3		ug/L		105	70 - 130
cis-1,3-Dichloropropene	25.0	27.6		ug/L		111	88 - 137
trans-1,3-Dichloropropene	25.0	28.8		ug/L		115	83 - 140
Ethylbenzene	25.0	26.9		ug/L		107	86 - 135
Hexachlorobutadiene	25.0	26.2		ug/L		105	70 - 130
2-Hexanone	125	125		ug/L		100	60 - 164
Isopropylbenzene	25.0	27.7		ug/L		111	70 - 130
4-Isopropyltoluene	25.0	26.6		ug/L		106	70 - 130
Methylene Chloride	25.0	25.8		ug/L		103	73 - 147
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	63 - 165
Naphthalene	25.0	25.7		ug/L		103	78 - 135
N-Propylbenzene	25.0	25.5		ug/L		102	70 - 130
Styrene	25.0	27.4		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		99	70 - 130
Tetrachloroethene	25.0	27.9		ug/L		112	70 - 130
Toluene	25.0	26.9		ug/L		108	83 - 129
1,2,3-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	70 - 130
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	82 - 128
Trichloroethene	25.0	26.9		ug/L		107	70 - 130
Trichlorofluoromethane	25.0	25.5		ug/L		102	74 - 146
1,2,3-Trichloropropane	25.0	25.6		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.8		ug/L		111	42 - 162
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 130
Vinyl acetate	25.0	30.7		ug/L		123	43 - 163
Vinyl chloride	25.0	22.7		ug/L		91	65 - 156
m-Xylene & p-Xylene	50.0	54.9		ug/L		110	70 - 142
o-Xylene	25.0	26.9		ug/L		108	89 - 136
2,2-Dichloropropane	25.0	29.5		ug/L		118	70 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86538/5
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCS 720-86538/5
Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-86538/7
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCS 720-86538/7
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	533		ug/L		107	62 - 117		

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-86538/6
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCSD 720-86538/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	25.6		ug/L		102	62 - 130	4	20
Acetone			125	86.8		ug/L		69	26 - 180	5	30
Benzene			25.0	27.1		ug/L		108	82 - 127	0	20
Dichlorobromomethane			25.0	27.8		ug/L		111	70 - 130	0	20
Bromobenzene			25.0	26.6		ug/L		106	79 - 127	1	20
Chlorobromomethane			25.0	27.2		ug/L		109	70 - 130	1	20
Bromoform			25.0	25.2		ug/L		101	68 - 136	4	20
Bromomethane			25.0	24.9		ug/L		100	43 - 151	1	20
2-Butanone (MEK)			125	112		ug/L		89	66 - 149	7	20
n-Butylbenzene			25.0	27.7		ug/L		111	79 - 142	0	20
sec-Butylbenzene			25.0	26.5		ug/L		106	81 - 134	1	20
tert-Butylbenzene			25.0	26.1		ug/L		104	82 - 135	1	20
Carbon disulfide			25.0	27.0		ug/L		108	68 - 137	1	20
Carbon tetrachloride			25.0	27.8		ug/L		111	77 - 146	0	20
Chlorobenzene			25.0	26.2		ug/L		105	70 - 130	0	20
Chloroethane			25.0	24.7		ug/L		99	62 - 138	1	20
Chloroform			25.0	26.9		ug/L		107	70 - 130	1	20
Chloromethane			25.0	23.4		ug/L		94	52 - 175	2	20
2-Chlorotoluene			25.0	26.7		ug/L		107	70 - 130	1	20
4-Chlorotoluene			25.0	25.8		ug/L		103	70 - 130	1	20
Chlorodibromomethane			25.0	27.5		ug/L		110	78 - 145	2	20
1,2-Dichlorobenzene			25.0	25.3		ug/L		101	70 - 130	0	20
1,3-Dichlorobenzene			25.0	25.8		ug/L		103	70 - 130	1	20
1,4-Dichlorobenzene			25.0	25.5		ug/L		102	87 - 118	0	20
1,3-Dichloropropane			25.0	26.5		ug/L		106	82 - 128	2	20
1,1-Dichloropropene			25.0	27.6		ug/L		110	70 - 130	0	20
1,2-Dibromo-3-Chloropropane			25.0	23.4		ug/L		93	72 - 136	5	20
Ethylene Dibromide			25.0	28.1		ug/L		112	70 - 130	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86538/6
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCSD 720-86538/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dibromomethane			25.0	26.5		ug/L		106	70 - 130	3	20
Dichlorodifluoromethane			25.0	19.1		ug/L		76	33 - 125	3	20
1,1-Dichloroethane			25.0	26.6		ug/L		106	70 - 130	1	20
1,2-Dichloroethane			25.0	26.1		ug/L		105	70 - 126	1	20
1,1-Dichloroethene			25.0	26.3		ug/L		105	64 - 128	1	20
cis-1,2-Dichloroethene			25.0	30.9		ug/L		123	70 - 130	0	20
trans-1,2-Dichloroethene			25.0	23.8		ug/L		95	75 - 131	1	20
1,2-Dichloropropane			25.0	26.1		ug/L		104	70 - 130	1	20
cis-1,3-Dichloropropene			25.0	27.6		ug/L		110	88 - 137	0	20
trans-1,3-Dichloropropene			25.0	28.4		ug/L		113	83 - 140	2	20
Ethylbenzene			25.0	26.9		ug/L		108	86 - 135	0	20
Hexachlorobutadiene			25.0	26.1		ug/L		105	70 - 130	0	20
2-Hexanone			125	115		ug/L		92	60 - 164	9	20
Isopropylbenzene			25.0	27.8		ug/L		111	70 - 130	0	20
4-Isopropyltoluene			25.0	26.7		ug/L		107	70 - 130	1	20
Methylene Chloride			25.0	25.9		ug/L		103	73 - 147	0	20
4-Methyl-2-pentanone (MIBK)			125	122		ug/L		97	63 - 165	8	20
Naphthalene			25.0	25.0		ug/L		100	78 - 135	3	20
N-Propylbenzene			25.0	25.7		ug/L		103	70 - 130	1	20
Styrene			25.0	27.4		ug/L		110	70 - 130	0	20
1,1,1,2-Tetrachloroethane			25.0	26.9		ug/L		108	70 - 130	0	20
1,1,2,2-Tetrachloroethane			25.0	23.6		ug/L		94	70 - 130	4	20
Tetrachloroethene			25.0	27.7		ug/L		111	70 - 130	1	20
Toluene			25.0	27.2		ug/L		109	83 - 129	1	20
1,2,3-Trichlorobenzene			25.0	26.7		ug/L		107	70 - 130	2	20
1,2,4-Trichlorobenzene			25.0	26.6		ug/L		106	70 - 130	1	20
1,1,1-Trichloroethane			25.0	27.8		ug/L		111	70 - 130	1	20
1,1,2-Trichloroethane			25.0	25.5		ug/L		102	82 - 128	2	20
Trichloroethene			25.0	27.1		ug/L		108	70 - 130	1	20
Trichlorofluoromethane			25.0	25.9		ug/L		104	74 - 146	2	20
1,2,3-Trichloropropane			25.0	24.2		ug/L		97	70 - 130	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	27.6		ug/L		110	42 - 162	1	20
1,2,4-Trimethylbenzene			25.0	25.8		ug/L		103	70 - 132	1	20
1,3,5-Trimethylbenzene			25.0	26.9		ug/L		108	70 - 130	1	20
Vinyl acetate			25.0	29.1		ug/L		117	43 - 163	5	20
Vinyl chloride			25.0	23.4		ug/L		93	65 - 156	3	20
m-Xylene & p-Xylene			50.0	54.7		ug/L		109	70 - 142	0	20
o-Xylene			25.0	27.0		ug/L		108	89 - 136	0	20
2,2-Dichloropropane			25.0	30.8		ug/L		123	70 - 140	4	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86538/8
Matrix: Water
Analysis Batch: 86538

Client Sample ID: LCSD 720-86538/8
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	499		ug/L		100	62 - 117	7	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*67 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 720-33398-B-5 MS
Matrix: Water
Analysis Batch: 86538

Client Sample ID: 720-33398-B-5 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50		25.0	80.3		ug/L		120	60 - 138
Acetone	ND		125	92.5		ug/L		63	60 - 140
Benzene	ND		25.0	26.7		ug/L		106	60 - 140
Dichlorobromomethane	ND		25.0	27.8		ug/L		111	60 - 140
Bromobenzene	ND		25.0	26.3		ug/L		105	60 - 140
Chlorobromomethane	ND		25.0	27.4		ug/L		110	60 - 140
Bromoform	ND		25.0	26.0		ug/L		104	56 - 140
Bromomethane	ND		25.0	24.0		ug/L		96	23 - 140
2-Butanone (MEK)	ND		125	115		ug/L		92	60 - 140
n-Butylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
sec-Butylbenzene	ND		25.0	25.4		ug/L		102	60 - 140
tert-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
Carbon disulfide	ND		25.0	26.4		ug/L		105	38 - 140
Carbon tetrachloride	ND		25.0	26.6		ug/L		106	60 - 140
Chlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
Chloroethane	ND		25.0	24.6		ug/L		98	51 - 140
Chloroform	ND		25.0	26.5		ug/L		106	60 - 140
Chloromethane	ND		25.0	22.5		ug/L		90	52 - 140
2-Chlorotoluene	ND		25.0	26.0		ug/L		104	60 - 140
4-Chlorotoluene	ND		25.0	25.1		ug/L		100	60 - 140
Chlorodibromomethane	ND		25.0	28.0		ug/L		112	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	27.2		ug/L		109	60 - 140
1,1-Dichloropropene	ND		25.0	26.4		ug/L		106	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.7		ug/L		99	60 - 140
Ethylene Dibromide	ND		25.0	29.0		ug/L		116	60 - 140
Dibromomethane	ND		25.0	27.2		ug/L		109	60 - 140
Dichlorodifluoromethane	ND		25.0	19.6		ug/L		78	38 - 140
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140
1,2-Dichloroethane	ND		25.0	26.4		ug/L		106	60 - 140
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	60 - 140
cis-1,2-Dichloroethene	ND		25.0	30.4		ug/L		122	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.0		ug/L		92	60 - 140
1,2-Dichloropropane	ND		25.0	26.4		ug/L		106	60 - 140
cis-1,3-Dichloropropene	ND		25.0	27.7		ug/L		111	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33398-B-5 MS
Matrix: Water
Analysis Batch: 86538

Client Sample ID: 720-33398-B-5 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	ND		25.0	28.8		ug/L		115	60 - 140
Ethylbenzene	ND		25.0	26.4		ug/L		105	60 - 140
Hexachlorobutadiene	ND		25.0	24.2		ug/L		97	60 - 140
2-Hexanone	ND		125	119		ug/L		95	60 - 140
Isopropylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
4-Isopropyltoluene	ND		25.0	25.6		ug/L		102	60 - 140
Methylene Chloride	ND		25.0	25.6		ug/L		103	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	130		ug/L		104	60 - 140
Naphthalene	ND		25.0	25.1		ug/L		101	56 - 140
N-Propylbenzene	ND		25.0	24.8		ug/L		99	60 - 140
Styrene	ND		25.0	26.7		ug/L		107	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	26.6		ug/L		106	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.9		ug/L		100	60 - 140
Tetrachloroethene	ND		25.0	26.6		ug/L		106	60 - 140
Toluene	1.4		25.0	27.9		ug/L		106	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	27.1		ug/L		108	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.0		ug/L		104	60 - 140
Trichloroethene	ND		25.0	26.2		ug/L		105	60 - 140
Trichlorofluoromethane	ND		25.0	25.9		ug/L		104	60 - 140
1,2,3-Trichloropropane	ND		25.0	26.0		ug/L		104	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.2		ug/L		105	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	25.4		ug/L		100	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.0		ug/L		104	60 - 140
Vinyl acetate	ND		25.0	30.5		ug/L		122	40 - 140
Vinyl chloride	ND		25.0	23.2		ug/L		93	58 - 140
m-Xylene & p-Xylene	1.1		50.0	54.0		ug/L		106	60 - 140
o-Xylene	0.63		25.0	27.0		ug/L		105	60 - 140
2,2-Dichloropropane	ND		25.0	29.7		ug/L		119	60 - 140

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33398-B-5 MSD
Matrix: Water
Analysis Batch: 86538

Client Sample ID: 720-33398-B-5 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50		25.0	76.5		ug/L		105	60 - 138	5	20
Acetone	ND		125	85.4	F	ug/L		57	60 - 140	8	20
Benzene	ND		25.0	27.1		ug/L		108	60 - 140	2	20
Dichlorobromomethane	ND		25.0	28.0		ug/L		112	60 - 140	1	20
Bromobenzene	ND		25.0	26.9		ug/L		108	60 - 140	2	20
Chlorobromomethane	ND		25.0	27.4		ug/L		110	60 - 140	0	20
Bromoform	ND		25.0	25.2		ug/L		101	56 - 140	3	20
Bromomethane	ND		25.0	24.0		ug/L		96	23 - 140	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33398-B-5 MSD
Matrix: Water
Analysis Batch: 86538

Client Sample ID: 720-33398-B-5 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	102		ug/L		82	60 - 140	12	20
n-Butylbenzene	ND		25.0	27.1		ug/L		108	60 - 140	3	20
sec-Butylbenzene	ND		25.0	26.3		ug/L		105	60 - 140	3	20
tert-Butylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	3	20
Carbon disulfide	ND		25.0	26.5		ug/L		105	38 - 140	0	20
Carbon tetrachloride	ND		25.0	27.1		ug/L		109	60 - 140	2	20
Chlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140	2	20
Chloroethane	ND		25.0	25.0		ug/L		100	51 - 140	1	20
Chloroform	ND		25.0	26.9		ug/L		107	60 - 140	1	20
Chloromethane	ND		25.0	22.3		ug/L		89	52 - 140	1	20
2-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140	3	20
4-Chlorotoluene	ND		25.0	25.6		ug/L		103	60 - 140	2	20
Chlorodibromomethane	ND		25.0	27.6		ug/L		110	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		101	60 - 140	2	20
1,3-Dichloropropane	ND		25.0	26.8		ug/L		107	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	27.0		ug/L		108	60 - 140	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.2		ug/L		93	60 - 140	6	20
Ethylene Dibromide	ND		25.0	28.0		ug/L		112	60 - 140	3	20
Dibromomethane	ND		25.0	26.5		ug/L		106	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	19.5		ug/L		78	38 - 140	1	20
1,1-Dichloroethane	ND		25.0	26.6		ug/L		106	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	26.3		ug/L		105	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	30.9		ug/L		124	60 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	26.4		ug/L		105	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	28.2		ug/L		113	60 - 140	2	20
Ethylbenzene	ND		25.0	26.9		ug/L		107	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	25.5		ug/L		102	60 - 140	5	20
2-Hexanone	ND		125	107		ug/L		86	60 - 140	11	20
Isopropylbenzene	ND		25.0	27.4		ug/L		110	60 - 140	3	20
4-Isopropyltoluene	ND		25.0	26.5		ug/L		106	60 - 140	4	20
Methylene Chloride	ND		25.0	25.9		ug/L		104	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	119		ug/L		95	60 - 140	9	20
Naphthalene	ND		25.0	25.0		ug/L		100	56 - 140	1	20
N-Propylbenzene	ND		25.0	25.5		ug/L		102	60 - 140	3	20
Styrene	ND		25.0	27.3		ug/L		109	60 - 140	2	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.2		ug/L		109	60 - 140	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.0		ug/L		96	60 - 140	4	20
Tetrachloroethene	ND		25.0	26.6		ug/L		107	60 - 140	0	20
Toluene	1.4		25.0	28.5		ug/L		108	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	27.2		ug/L		109	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 140	2	20
Trichloroethene	ND		25.0	26.4		ug/L		106	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	25.5		ug/L		102	60 - 140	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33398-B-5 MSD
Matrix: Water
Analysis Batch: 86538

Client Sample ID: 720-33398-B-5 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		25.0	24.4		ug/L		98	60 - 140	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.8		ug/L		107	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	26.0		ug/L		103	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	3	20
Vinyl acetate	ND		25.0	28.6		ug/L		114	40 - 140	6	20
Vinyl chloride	ND		25.0	23.6		ug/L		94	58 - 140	2	20
m-Xylene & p-Xylene	1.1		50.0	55.3		ug/L		108	60 - 140	2	20
o-Xylene	0.63		25.0	27.6		ug/L		108	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	28.1		ug/L		113	60 - 140	5	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 720-86547/5
Matrix: Water
Analysis Batch: 86547

Client Sample ID: MB 720-86547/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 10:39	1
Acetone	ND		50		ug/L			02/22/11 10:39	1
Benzene	ND		0.50		ug/L			02/22/11 10:39	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 10:39	1
Bromobenzene	ND		1.0		ug/L			02/22/11 10:39	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 10:39	1
Bromoform	ND		1.0		ug/L			02/22/11 10:39	1
Bromomethane	ND		1.0		ug/L			02/22/11 10:39	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 10:39	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 10:39	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 10:39	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 10:39	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 10:39	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 10:39	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 10:39	1
Chloroethane	ND		1.0		ug/L			02/22/11 10:39	1
Chloroform	ND		1.0		ug/L			02/22/11 10:39	1
Chloromethane	ND		1.0		ug/L			02/22/11 10:39	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 10:39	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 10:39	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 10:39	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 10:39	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 10:39	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 10:39	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 10:39	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 10:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 10:39	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 10:39	1
Dibromomethane	ND		0.50		ug/L			02/22/11 10:39	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86547/5
Matrix: Water
Analysis Batch: 86547

Client Sample ID: MB 720-86547/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 10:39	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 10:39	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 10:39	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 10:39	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 10:39	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 10:39	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 10:39	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 10:39	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 10:39	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 10:39	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 10:39	1
2-Hexanone	ND		50		ug/L			02/22/11 10:39	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 10:39	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 10:39	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 10:39	1
Naphthalene	ND		1.0		ug/L			02/22/11 10:39	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 10:39	1
Styrene	ND		0.50		ug/L			02/22/11 10:39	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 10:39	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 10:39	1
Tetrachloroethene	ND		0.50		ug/L			02/22/11 10:39	1
Toluene	ND		0.50		ug/L			02/22/11 10:39	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 10:39	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 10:39	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 10:39	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 10:39	1
Trichloroethene	ND		0.50		ug/L			02/22/11 10:39	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 10:39	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 10:39	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 10:39	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 10:39	1
Vinyl acetate	ND		10		ug/L			02/22/11 10:39	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 10:39	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/22/11 10:39	1
o-Xylene	ND		0.50		ug/L			02/22/11 10:39	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 10:39	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 10:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 10:39	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*02/22/11 10:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 130*		*02/22/11 10:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/22/11 10:39*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86547/6
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCS 720-86547/6
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.3		ug/L		105	62 - 130
Acetone	125	79.4		ug/L		64	26 - 180
Benzene	25.0	23.9		ug/L		96	82 - 127
Dichlorobromomethane	25.0	27.9		ug/L		112	70 - 130
Bromobenzene	25.0	25.2		ug/L		101	79 - 127
Chlorobromomethane	25.0	24.4		ug/L		98	70 - 130
Bromoform	25.0	27.1		ug/L		108	68 - 136
Bromomethane	25.0	23.1		ug/L		93	43 - 151
2-Butanone (MEK)	125	99.8		ug/L		80	66 - 149
n-Butylbenzene	25.0	26.6		ug/L		106	79 - 142
sec-Butylbenzene	25.0	25.0		ug/L		100	81 - 134
tert-Butylbenzene	25.0	26.2		ug/L		105	82 - 135
Carbon disulfide	25.0	22.4		ug/L		90	68 - 137
Carbon tetrachloride	25.0	25.6		ug/L		102	77 - 146
Chlorobenzene	25.0	25.2		ug/L		101	70 - 130
Chloroethane	25.0	23.6		ug/L		94	62 - 138
Chloroform	25.0	25.2		ug/L		101	70 - 130
Chloromethane	25.0	18.9		ug/L		76	52 - 175
2-Chlorotoluene	25.0	26.4		ug/L		106	70 - 130
4-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130
Chlorodibromomethane	25.0	27.9		ug/L		112	78 - 145
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	87 - 118
1,3-Dichloropropane	25.0	25.3		ug/L		101	82 - 128
1,1-Dichloropropene	25.0	24.4		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.1		ug/L		105	72 - 136
Ethylene Dibromide	25.0	25.9		ug/L		104	70 - 130
Dibromomethane	25.0	25.6		ug/L		102	70 - 130
Dichlorodifluoromethane	25.0	14.0		ug/L		56	33 - 125
1,1-Dichloroethane	25.0	24.2		ug/L		97	70 - 130
1,2-Dichloroethane	25.0	25.4		ug/L		102	70 - 126
1,1-Dichloroethene	25.0	22.7		ug/L		91	64 - 128
cis-1,2-Dichloroethene	25.0	27.5		ug/L		110	70 - 130
trans-1,2-Dichloroethene	25.0	21.3		ug/L		85	75 - 131
1,2-Dichloropropane	25.0	23.7		ug/L		95	70 - 130
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	88 - 137
trans-1,3-Dichloropropene	25.0	29.0		ug/L		116	83 - 140
Ethylbenzene	25.0	25.3		ug/L		101	86 - 135
Hexachlorobutadiene	25.0	25.0		ug/L		100	70 - 130
2-Hexanone	125	115		ug/L		92	60 - 164
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 130
Methylene Chloride	25.0	22.9		ug/L		92	73 - 147
4-Methyl-2-pentanone (MIBK)	125	123		ug/L		99	63 - 165
Naphthalene	25.0	26.2		ug/L		105	78 - 135
N-Propylbenzene	25.0	24.9		ug/L		100	70 - 130
Styrene	25.0	28.2		ug/L		113	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.1		ug/L		108	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86547/6
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCS 720-86547/6
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
1,1,2,2-Tetrachloroethane			25.0	24.0		ug/L		96	70 - 130		
Tetrachloroethene			25.0	24.5		ug/L		98	70 - 130		
Toluene			25.0	25.8		ug/L		103	83 - 129		
1,2,3-Trichlorobenzene			25.0	26.2		ug/L		105	70 - 130		
1,2,4-Trichlorobenzene			25.0	26.2		ug/L		105	70 - 130		
1,1,1-Trichloroethane			25.0	26.3		ug/L		105	70 - 130		
1,1,2-Trichloroethane			25.0	24.9		ug/L		99	82 - 128		
Trichloroethene			25.0	24.8		ug/L		99	70 - 130		
Trichlorofluoromethane			25.0	24.3		ug/L		97	74 - 146		
1,2,3-Trichloropropane			25.0	24.4		ug/L		98	70 - 130		
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	22.9		ug/L		91	42 - 162		
1,2,4-Trimethylbenzene			25.0	27.8		ug/L		111	70 - 132		
1,3,5-Trimethylbenzene			25.0	26.8		ug/L		107	70 - 130		
Vinyl acetate			25.0	28.1		ug/L		113	43 - 163		
Vinyl chloride			25.0	21.6		ug/L		86	65 - 156		
m-Xylene & p-Xylene			50.0	52.6		ug/L		105	70 - 142		
o-Xylene			25.0	26.9		ug/L		108	89 - 136		
2,2-Dichloropropane			25.0	26.0		ug/L		104	70 - 140		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*67 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-86547/8
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCS 720-86547/8
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	475		ug/L		95	62 - 117		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-86547/7
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCSD 720-86547/7
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	27.4		ug/L		109	62 - 130	4	20
Acetone			125	83.9		ug/L		67	26 - 180	6	30
Benzene			25.0	24.5		ug/L		98	82 - 127	3	20
Dichlorobromomethane			25.0	28.7		ug/L		115	70 - 130	3	20
Bromobenzene			25.0	25.8		ug/L		103	79 - 127	2	20
Chlorobromomethane			25.0	25.1		ug/L		101	70 - 130	3	20
Bromoform			25.0	28.2		ug/L		113	68 - 136	4	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86547/7
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCSD 720-86547/7
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Bromomethane	25.0	23.2		ug/L		93	43 - 151	0	20
2-Butanone (MEK)	125	109		ug/L		87	66 - 149	8	20
n-Butylbenzene	25.0	26.8		ug/L		107	79 - 142	1	20
sec-Butylbenzene	25.0	25.3		ug/L		101	81 - 134	1	20
tert-Butylbenzene	25.0	26.5		ug/L		106	82 - 135	1	20
Carbon disulfide	25.0	22.8		ug/L		91	68 - 137	2	20
Carbon tetrachloride	25.0	26.2		ug/L		105	77 - 146	2	20
Chlorobenzene	25.0	25.8		ug/L		103	70 - 130	2	20
Chloroethane	25.0	23.8		ug/L		95	62 - 138	1	20
Chloroform	25.0	25.9		ug/L		104	70 - 130	3	20
Chloromethane	25.0	19.0		ug/L		76	52 - 175	0	20
2-Chlorotoluene	25.0	26.7		ug/L		107	70 - 130	1	20
4-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130	2	20
Chlorodibromomethane	25.0	28.8		ug/L		115	78 - 145	3	20
1,2-Dichlorobenzene	25.0	25.9		ug/L		103	70 - 130	1	20
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	87 - 118	2	20
1,3-Dichloropropane	25.0	25.9		ug/L		103	82 - 128	2	20
1,1-Dichloropropene	25.0	24.8		ug/L		99	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	27.0		ug/L		108	72 - 136	3	20
Ethylene Dibromide	25.0	26.6		ug/L		106	70 - 130	3	20
Dibromomethane	25.0	26.5		ug/L		106	70 - 130	4	20
Dichlorodifluoromethane	25.0	13.7		ug/L		55	33 - 125	2	20
1,1-Dichloroethane	25.0	24.7		ug/L		99	70 - 130	2	20
1,2-Dichloroethane	25.0	26.4		ug/L		106	70 - 126	4	20
1,1-Dichloroethene	25.0	22.9		ug/L		91	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	28.3		ug/L		113	70 - 130	3	20
trans-1,2-Dichloroethene	25.0	21.9		ug/L		87	75 - 131	3	20
1,2-Dichloropropane	25.0	24.4		ug/L		98	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	28.3		ug/L		113	88 - 137	3	20
trans-1,3-Dichloropropene	25.0	30.0		ug/L		120	83 - 140	3	20
Ethylbenzene	25.0	25.7		ug/L		103	86 - 135	2	20
Hexachlorobutadiene	25.0	25.3		ug/L		101	70 - 130	1	20
2-Hexanone	125	122		ug/L		98	60 - 164	6	20
Isopropylbenzene	25.0	27.0		ug/L		108	70 - 130	2	20
4-Isopropyltoluene	25.0	25.8		ug/L		103	70 - 130	1	20
Methylene Chloride	25.0	24.0		ug/L		96	73 - 147	4	20
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	63 - 165	5	20
Naphthalene	25.0	27.4		ug/L		110	78 - 135	5	20
N-Propylbenzene	25.0	25.3		ug/L		101	70 - 130	1	20
Styrene	25.0	29.0		ug/L		116	70 - 130	3	20
1,1,1,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130	2	20
Tetrachloroethene	25.0	24.9		ug/L		100	70 - 130	2	20
Toluene	25.0	25.4		ug/L		101	83 - 129	2	20
1,2,3-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130	4	20
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.9		ug/L		108	70 - 130	2	20
1,1,2-Trichloroethane	25.0	25.6		ug/L		103	82 - 128	3	20
Trichloroethene	25.0	25.5		ug/L		102	70 - 130	3	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86547/7
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCSD 720-86547/7
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Trichlorofluoromethane			25.0	24.3		ug/L		97	74 - 146	0	20
1,2,3-Trichloropropane			25.0	25.3		ug/L		101	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	23.1		ug/L		93	42 - 162	1	20
1,2,4-Trimethylbenzene			25.0	27.9		ug/L		111	70 - 132	0	20
1,3,5-Trimethylbenzene			25.0	27.2		ug/L		109	70 - 130	1	20
Vinyl acetate			25.0	26.9		ug/L		108	43 - 163	5	20
Vinyl chloride			25.0	21.5		ug/L		86	65 - 156	0	20
m-Xylene & p-Xylene			50.0	52.9		ug/L		106	70 - 142	1	20
o-Xylene			25.0	27.2		ug/L		109	89 - 136	1	20
2,2-Dichloropropane			25.0	26.9		ug/L		107	70 - 140	3	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*109*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-86547/9
Matrix: Water
Analysis Batch: 86547

Client Sample ID: LCSD 720-86547/9
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	461		ug/L		92	62 - 117	3	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*112*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33432-2 MS
Matrix: Water
Analysis Batch: 86547

Client Sample ID: C12GW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Methyl tert-butyl ether	ND		25.0	28.7		ug/L		114	60 - 138		
Acetone	ND		125	73.5	F	ug/L		59	60 - 140		
Benzene	ND		25.0	24.5		ug/L		98	60 - 140		
Dichlorobromomethane	ND		25.0	29.8		ug/L		119	60 - 140		
Bromobenzene	ND		25.0	25.6		ug/L		103	60 - 140		
Chlorobromomethane	ND		25.0	26.2		ug/L		105	60 - 140		
Bromoform	ND		25.0	27.9		ug/L		111	56 - 140		
Bromomethane	ND		25.0	23.9		ug/L		96	23 - 140		
2-Butanone (MEK)	ND		125	105		ug/L		84	60 - 140		
n-Butylbenzene	ND		25.0	25.4		ug/L		102	60 - 140		
sec-Butylbenzene	ND		25.0	23.8		ug/L		95	60 - 140		
tert-Butylbenzene	ND		25.0	25.4		ug/L		102	60 - 140		
Carbon disulfide	ND		25.0	22.0		ug/L		88	38 - 140		
Carbon tetrachloride	ND		25.0	25.3		ug/L		101	60 - 140		
Chlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140		

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33432-2 MS
Matrix: Water
Analysis Batch: 86547

Client Sample ID: C12GW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloroethane	ND		25.0	24.8		ug/L		99	51 - 140
Chloroform	ND		25.0	26.5		ug/L		106	60 - 140
Chloromethane	ND		25.0	19.9		ug/L		80	52 - 140
2-Chlorotoluene	ND		25.0	26.1		ug/L		104	60 - 140
4-Chlorotoluene	ND		25.0	26.0		ug/L		104	60 - 140
Chlorodibromomethane	ND		25.0	29.9		ug/L		119	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	27.1		ug/L		108	60 - 140
1,1-Dichloropropene	ND		25.0	24.0		ug/L		96	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	60 - 140
Ethylene Dibromide	ND		25.0	27.8		ug/L		111	60 - 140
Dibromomethane	ND		25.0	27.7		ug/L		111	60 - 140
Dichlorodifluoromethane	ND		25.0	14.3		ug/L		57	38 - 140
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	60 - 140
1,2-Dichloroethane	ND		25.0	27.6		ug/L		110	60 - 140
1,1-Dichloroethene	ND		25.0	22.3		ug/L		89	60 - 140
cis-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	60 - 140
trans-1,2-Dichloroethene	ND		25.0	21.5		ug/L		86	60 - 140
1,2-Dichloropropane	ND		25.0	25.1		ug/L		101	60 - 140
cis-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140
trans-1,3-Dichloropropene	ND		25.0	31.1		ug/L		124	60 - 140
Ethylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
Hexachlorobutadiene	ND		25.0	24.3		ug/L		97	60 - 140
2-Hexanone	ND		125	121		ug/L		97	60 - 140
Isopropylbenzene	ND		25.0	26.1		ug/L		105	60 - 140
4-Isopropyltoluene	ND		25.0	24.6		ug/L		98	60 - 140
Methylene Chloride	ND		25.0	24.0		ug/L		96	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		106	60 - 140
Naphthalene	ND		25.0	26.1		ug/L		104	56 - 140
N-Propylbenzene	ND		25.0	23.7		ug/L		95	60 - 140
Styrene	ND		25.0	24.2		ug/L		97	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	28.0		ug/L		112	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		99	60 - 140
Tetrachloroethene	2.4		25.0	26.9		ug/L		98	60 - 140
Toluene	ND		25.0	24.7		ug/L		98	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.2		ug/L		109	60 - 140
1,1,1-Trichloroethane	ND		25.0	26.4		ug/L		105	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	60 - 140
Trichloroethene	ND		25.0	25.3		ug/L		100	60 - 140
Trichlorofluoromethane	ND		25.0	23.7		ug/L		95	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.2		ug/L		101	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.6		ug/L		90	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
Vinyl acetate	ND		25.0	28.6		ug/L		114	40 - 140
Vinyl chloride	ND		25.0	22.1		ug/L		88	58 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33432-2 MS
Matrix: Water
Analysis Batch: 86547

Client Sample ID: C12GW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
m-Xylene & p-Xylene	ND		50.0	51.1		ug/L		102	60 - 140
o-Xylene	ND		25.0	26.9		ug/L		107	60 - 140
2,2-Dichloropropane	ND		25.0	25.3		ug/L		101	60 - 140

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33432-2 MSD
Matrix: Water
Analysis Batch: 86547

Client Sample ID: C12GW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	28.6		ug/L		114	60 - 138	0	20
Acetone	ND		125	73.2	F	ug/L		59	60 - 140	0	20
Benzene	ND		25.0	24.9		ug/L		99	60 - 140	2	20
Dichlorobromomethane	ND		25.0	29.8		ug/L		119	60 - 140	0	20
Bromobenzene	ND		25.0	26.3		ug/L		105	60 - 140	3	20
Chlorobromomethane	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Bromoform	ND		25.0	28.5		ug/L		114	56 - 140	2	20
Bromomethane	ND		25.0	24.0		ug/L		96	23 - 140	0	20
2-Butanone (MEK)	ND		125	105		ug/L		84	60 - 140	0	20
n-Butylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	3	20
sec-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	5	20
tert-Butylbenzene	ND		25.0	26.4		ug/L		106	60 - 140	4	20
Carbon disulfide	ND		25.0	23.0		ug/L		92	38 - 140	5	20
Carbon tetrachloride	ND		25.0	26.2		ug/L		105	60 - 140	3	20
Chlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
Chloroethane	ND		25.0	25.0		ug/L		100	51 - 140	1	20
Chloroform	ND		25.0	26.7		ug/L		107	60 - 140	1	20
Chloromethane	ND		25.0	20.1		ug/L		80	52 - 140	1	20
2-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140	3	20
4-Chlorotoluene	ND		25.0	26.7		ug/L		107	60 - 140	3	20
Chlorodibromomethane	ND		25.0	30.0		ug/L		120	60 - 140	0	20
1,2-Dichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		106	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	27.0		ug/L		108	60 - 140	0	20
1,1-Dichloropropene	ND		25.0	24.7		ug/L		99	60 - 140	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	27.8		ug/L		111	60 - 140	3	20
Ethylene Dibromide	ND		25.0	27.9		ug/L		112	60 - 140	0	20
Dibromomethane	ND		25.0	27.7		ug/L		111	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	14.2		ug/L		57	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	25.4		ug/L		101	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	27.5		ug/L		110	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	21.9		ug/L		88	60 - 140	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33432-2 MSD
Matrix: Water
Analysis Batch: 86547

Client Sample ID: C12GW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	ND		25.0	25.2		ug/L		101	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	31.0		ug/L		124	60 - 140	0	20
Ethylbenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	24.9		ug/L		100	60 - 140	3	20
2-Hexanone	ND		125	123		ug/L		98	60 - 140	2	20
Isopropylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	25.4		ug/L		101	60 - 140	3	20
Methylene Chloride	ND		25.0	24.2		ug/L		97	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		107	60 - 140	1	20
Naphthalene	ND		25.0	26.6		ug/L		107	56 - 140	2	20
N-Propylbenzene	ND		25.0	24.6		ug/L		99	60 - 140	4	20
Styrene	ND		25.0	23.8		ug/L		95	60 - 140	2	20
1,1,1,2-Tetrachloroethane	ND		25.0	28.3		ug/L		113	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.3		ug/L		101	60 - 140	3	20
Tetrachloroethene	2.4		25.0	27.3		ug/L		100	60 - 140	1	20
Toluene	ND		25.0	25.0		ug/L		99	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	27.3		ug/L		109	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	27.2		ug/L		109	60 - 140	3	20
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	60 - 140	0	20
Trichloroethene	ND		25.0	25.8		ug/L		102	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	24.0		ug/L		96	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	26.2		ug/L		105	60 - 140	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.3		ug/L		93	60 - 140	3	20
1,2,4-Trimethylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	25.6		ug/L		102	60 - 140	2	20
Vinyl acetate	ND		25.0	28.1		ug/L		112	40 - 140	2	20
Vinyl chloride	ND		25.0	22.5		ug/L		90	58 - 140	2	20
m-Xylene & p-Xylene	ND		50.0	51.6		ug/L		103	60 - 140	1	20
o-Xylene	ND		25.0	27.2		ug/L		109	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	25.9		ug/L		104	60 - 140	2	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-86781/5
Matrix: Water
Analysis Batch: 86781

Client Sample ID: MB 720-86781/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/24/11 18:03	1
Acetone	ND		50		ug/L			02/24/11 18:03	1
Benzene	ND		0.50		ug/L			02/24/11 18:03	1
Dichlorobromomethane	ND		0.50		ug/L			02/24/11 18:03	1
Bromobenzene	ND		1.0		ug/L			02/24/11 18:03	1
Chlorobromomethane	ND		1.0		ug/L			02/24/11 18:03	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86781/5
Matrix: Water
Analysis Batch: 86781

Client Sample ID: MB 720-86781/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			02/24/11 18:03	1
Bromomethane	ND		1.0		ug/L			02/24/11 18:03	1
2-Butanone (MEK)	ND		50		ug/L			02/24/11 18:03	1
n-Butylbenzene	ND		1.0		ug/L			02/24/11 18:03	1
sec-Butylbenzene	ND		1.0		ug/L			02/24/11 18:03	1
tert-Butylbenzene	ND		1.0		ug/L			02/24/11 18:03	1
Carbon disulfide	ND		5.0		ug/L			02/24/11 18:03	1
Carbon tetrachloride	ND		0.50		ug/L			02/24/11 18:03	1
Chlorobenzene	ND		0.50		ug/L			02/24/11 18:03	1
Chloroethane	ND		1.0		ug/L			02/24/11 18:03	1
Chloroform	ND		1.0		ug/L			02/24/11 18:03	1
Chloromethane	ND		1.0		ug/L			02/24/11 18:03	1
2-Chlorotoluene	ND		0.50		ug/L			02/24/11 18:03	1
4-Chlorotoluene	ND		0.50		ug/L			02/24/11 18:03	1
Chlorodibromomethane	ND		0.50		ug/L			02/24/11 18:03	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/24/11 18:03	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/24/11 18:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/24/11 18:03	1
1,3-Dichloropropane	ND		1.0		ug/L			02/24/11 18:03	1
1,1-Dichloropropene	ND		0.50		ug/L			02/24/11 18:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/24/11 18:03	1
Ethylene Dibromide	ND		0.50		ug/L			02/24/11 18:03	1
Dibromomethane	ND		0.50		ug/L			02/24/11 18:03	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/24/11 18:03	1
1,1-Dichloroethane	ND		0.50		ug/L			02/24/11 18:03	1
1,2-Dichloroethane	ND		0.50		ug/L			02/24/11 18:03	1
1,1-Dichloroethene	ND		0.50		ug/L			02/24/11 18:03	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/24/11 18:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/24/11 18:03	1
1,2-Dichloropropane	ND		0.50		ug/L			02/24/11 18:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/24/11 18:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/24/11 18:03	1
Ethylbenzene	ND		0.50		ug/L			02/24/11 18:03	1
Hexachlorobutadiene	ND		1.0		ug/L			02/24/11 18:03	1
2-Hexanone	ND		50		ug/L			02/24/11 18:03	1
Isopropylbenzene	ND		0.50		ug/L			02/24/11 18:03	1
4-Isopropyltoluene	ND		1.0		ug/L			02/24/11 18:03	1
Methylene Chloride	ND		5.0		ug/L			02/24/11 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/24/11 18:03	1
Naphthalene	ND		1.0		ug/L			02/24/11 18:03	1
N-Propylbenzene	ND		1.0		ug/L			02/24/11 18:03	1
Styrene	ND		0.50		ug/L			02/24/11 18:03	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/24/11 18:03	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/24/11 18:03	1
Tetrachloroethene	ND		0.50		ug/L			02/24/11 18:03	1
Toluene	ND		0.50		ug/L			02/24/11 18:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/24/11 18:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/24/11 18:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/24/11 18:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/24/11 18:03	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86781/5
Matrix: Water
Analysis Batch: 86781

Client Sample ID: MB 720-86781/5
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			02/24/11 18:03	1
Trichlorofluoromethane	ND		1.0		ug/L			02/24/11 18:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/24/11 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/24/11 18:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/24/11 18:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/24/11 18:03	1
Vinyl acetate	ND		10		ug/L			02/24/11 18:03	1
Vinyl chloride	ND		0.50		ug/L			02/24/11 18:03	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/24/11 18:03	1
o-Xylene	ND		0.50		ug/L			02/24/11 18:03	1
Xylenes, Total	ND		1.0		ug/L			02/24/11 18:03	1
2,2-Dichloropropane	ND		0.50		ug/L			02/24/11 18:03	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/24/11 18:03	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*02/24/11 18:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*67 - 130*		*02/24/11 18:03*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/24/11 18:03*	*1*

Lab Sample ID: LCS 720-86781/6
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCS 720-86781/6
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.5		ug/L		106	62 - 130
Acetone	125	93.0		ug/L		74	26 - 180
Benzene	25.0	24.3		ug/L		97	82 - 127
Dichlorobromomethane	25.0	27.5		ug/L		110	70 - 130
Bromobenzene	25.0	26.1		ug/L		105	79 - 127
Chlorobromomethane	25.0	25.4		ug/L		102	70 - 130
Bromoform	25.0	27.3		ug/L		109	68 - 136
Bromomethane	25.0	25.9		ug/L		104	43 - 151
2-Butanone (MEK)	125	122		ug/L		98	66 - 149
n-Butylbenzene	25.0	26.3		ug/L		105	79 - 142
sec-Butylbenzene	25.0	26.1		ug/L		104	81 - 134
tert-Butylbenzene	25.0	27.4		ug/L		110	82 - 135
Carbon disulfide	25.0	21.4		ug/L		86	68 - 137
Carbon tetrachloride	25.0	26.5		ug/L		106	77 - 146
Chlorobenzene	25.0	24.0		ug/L		96	70 - 130
Chloroethane	25.0	24.9		ug/L		99	62 - 138
Chloroform	25.0	24.7		ug/L		99	70 - 130
Chloromethane	25.0	22.1		ug/L		89	52 - 175
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130
Chlorodibromomethane	25.0	29.1		ug/L		116	78 - 145
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	70 - 130
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	87 - 118
1,3-Dichloropropane	25.0	26.5		ug/L		106	82 - 128

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86781/6
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCS 720-86781/6
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1-Dichloropropene	25.0	25.4		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.9		ug/L		116	72 - 136
Ethylene Dibromide	25.0	28.1		ug/L		112	70 - 130
Dibromomethane	25.0	25.4		ug/L		102	70 - 130
Dichlorodifluoromethane	25.0	19.4		ug/L		78	33 - 125
1,1-Dichloroethane	25.0	23.9		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	25.8		ug/L		103	70 - 126
1,1-Dichloroethene	25.0	23.0		ug/L		92	64 - 128
cis-1,2-Dichloroethene	25.0	27.3		ug/L		109	70 - 130
trans-1,2-Dichloroethene	25.0	20.9		ug/L		83	75 - 131
1,2-Dichloropropane	25.0	24.2		ug/L		97	70 - 130
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	88 - 137
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	83 - 140
Ethylbenzene	25.0	25.1		ug/L		100	86 - 135
Hexachlorobutadiene	25.0	26.9		ug/L		108	70 - 130
2-Hexanone	125	132		ug/L		106	60 - 164
Isopropylbenzene	25.0	27.9		ug/L		112	70 - 130
4-Isopropyltoluene	25.0	26.3		ug/L		105	70 - 130
Methylene Chloride	25.0	23.0		ug/L		92	73 - 147
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	63 - 165
Naphthalene	25.0	29.2		ug/L		117	78 - 135
N-Propylbenzene	25.0	24.9		ug/L		100	70 - 130
Styrene	25.0	28.1		ug/L		112	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.2		ug/L		113	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		99	70 - 130
Tetrachloroethene	25.0	25.7		ug/L		103	70 - 130
Toluene	25.0	23.5		ug/L		94	83 - 129
1,2,3-Trichlorobenzene	25.0	28.1		ug/L		113	70 - 130
1,2,4-Trichlorobenzene	25.0	27.5		ug/L		110	70 - 130
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	70 - 130
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	82 - 128
Trichloroethene	25.0	25.3		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	26.2		ug/L		105	74 - 146
1,2,3-Trichloropropane	25.0	26.5		ug/L		106	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.8		ug/L		99	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.8		ug/L		111	70 - 130
Vinyl acetate	25.0	31.1		ug/L		125	43 - 163
Vinyl chloride	25.0	27.2		ug/L		109	65 - 156
m-Xylene & p-Xylene	50.0	53.0		ug/L		106	70 - 142
o-Xylene	25.0	26.6		ug/L		106	89 - 136
2,2-Dichloropropane	25.0	27.4		ug/L		110	70 - 140

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86781/8
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCS 720-86781/8
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	409		ug/L		82	62 - 117		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*67 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 720-86781/7
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCSD 720-86781/7
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	26.2		ug/L		105	62 - 130	1	20
Acetone			125	95.5		ug/L		76	26 - 180	3	30
Benzene			25.0	24.4		ug/L		98	82 - 127	1	20
Dichlorobromomethane			25.0	27.3		ug/L		109	70 - 130	1	20
Bromobenzene			25.0	26.3		ug/L		105	79 - 127	1	20
Chlorobromomethane			25.0	25.1		ug/L		100	70 - 130	1	20
Bromoform			25.0	26.9		ug/L		108	68 - 136	1	20
Bromomethane			25.0	26.6		ug/L		107	43 - 151	3	20
2-Butanone (MEK)			125	118		ug/L		94	66 - 149	4	20
n-Butylbenzene			25.0	26.7		ug/L		107	79 - 142	2	20
sec-Butylbenzene			25.0	26.4		ug/L		106	81 - 134	1	20
tert-Butylbenzene			25.0	27.8		ug/L		111	82 - 135	2	20
Carbon disulfide			25.0	21.6		ug/L		87	68 - 137	1	20
Carbon tetrachloride			25.0	26.9		ug/L		107	77 - 146	1	20
Chlorobenzene			25.0	23.9		ug/L		96	70 - 130	0	20
Chloroethane			25.0	25.6		ug/L		103	62 - 138	3	20
Chloroform			25.0	25.1		ug/L		100	70 - 130	1	20
Chloromethane			25.0	22.4		ug/L		89	52 - 175	1	20
2-Chlorotoluene			25.0	25.9		ug/L		104	70 - 130	1	20
4-Chlorotoluene			25.0	25.3		ug/L		101	70 - 130	0	20
Chlorodibromomethane			25.0	28.8		ug/L		115	78 - 145	1	20
1,2-Dichlorobenzene			25.0	24.2		ug/L		97	70 - 130	0	20
1,3-Dichlorobenzene			25.0	25.0		ug/L		100	70 - 130	1	20
1,4-Dichlorobenzene			25.0	24.4		ug/L		98	87 - 118	0	20
1,3-Dichloropropane			25.0	26.1		ug/L		104	82 - 128	1	20
1,1-Dichloropropene			25.0	25.8		ug/L		103	70 - 130	1	20
1,2-Dibromo-3-Chloropropane			25.0	29.0		ug/L		116	72 - 136	0	20
Ethylene Dibromide			25.0	28.0		ug/L		112	70 - 130	0	20
Dibromomethane			25.0	25.4		ug/L		102	70 - 130	0	20
Dichlorodifluoromethane			25.0	19.6		ug/L		79	33 - 125	1	20
1,1-Dichloroethane			25.0	24.0		ug/L		96	70 - 130	0	20
1,2-Dichloroethane			25.0	25.3		ug/L		101	70 - 126	2	20
1,1-Dichloroethene			25.0	23.3		ug/L		93	64 - 128	1	20
cis-1,2-Dichloroethene			25.0	27.4		ug/L		110	70 - 130	0	20
trans-1,2-Dichloroethene			25.0	21.0		ug/L		84	75 - 131	1	20
1,2-Dichloropropane			25.0	24.1		ug/L		96	70 - 130	0	20
cis-1,3-Dichloropropene			25.0	26.7		ug/L		107	88 - 137	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86781/7
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCSD 720-86781/7
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			25.0	25.9		ug/L		104	83 - 140	0	20
Ethylbenzene			25.0	25.3		ug/L		101	86 - 135	1	20
Hexachlorobutadiene			25.0	27.4		ug/L		110	70 - 130	2	20
2-Hexanone			125	130		ug/L		104	60 - 164	2	20
Isopropylbenzene			25.0	28.2		ug/L		113	70 - 130	1	20
4-Isopropyltoluene			25.0	26.4		ug/L		106	70 - 130	0	20
Methylene Chloride			25.0	23.0		ug/L		92	73 - 147	0	20
4-Methyl-2-pentanone (MIBK)			125	131		ug/L		104	63 - 165	1	20
Naphthalene			25.0	29.1		ug/L		116	78 - 135	0	20
N-Propylbenzene			25.0	25.3		ug/L		101	70 - 130	2	20
Styrene			25.0	28.1		ug/L		112	70 - 130	0	20
1,1,1,2-Tetrachloroethane			25.0	28.2		ug/L		113	70 - 130	0	20
1,1,2,2-Tetrachloroethane			25.0	24.4		ug/L		98	70 - 130	1	20
Tetrachloroethene			25.0	25.8		ug/L		103	70 - 130	0	20
Toluene			25.0	23.6		ug/L		95	83 - 129	0	20
1,2,3-Trichlorobenzene			25.0	28.1		ug/L		112	70 - 130	0	20
1,2,4-Trichlorobenzene			25.0	27.7		ug/L		111	70 - 130	1	20
1,1,1-Trichloroethane			25.0	27.1		ug/L		108	70 - 130	2	20
1,1,2-Trichloroethane			25.0	25.6		ug/L		103	82 - 128	1	20
Trichloroethene			25.0	25.6		ug/L		103	70 - 130	1	20
Trichlorofluoromethane			25.0	26.8		ug/L		107	74 - 146	2	20
1,2,3-Trichloropropane			25.0	26.3		ug/L		105	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	25.0		ug/L		100	42 - 162	1	20
1,2,4-Trimethylbenzene			25.0	27.0		ug/L		108	70 - 132	0	20
1,3,5-Trimethylbenzene			25.0	27.9		ug/L		111	70 - 130	0	20
Vinyl acetate			25.0	30.9		ug/L		124	43 - 163	1	20
Vinyl chloride			25.0	27.6		ug/L		110	65 - 156	1	20
m-Xylene & p-Xylene			50.0	53.1		ug/L		106	70 - 142	0	20
o-Xylene			25.0	26.8		ug/L		107	89 - 136	1	20
2,2-Dichloropropane			25.0	27.6		ug/L		110	70 - 140	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-86781/9
Matrix: Water
Analysis Batch: 86781

Client Sample ID: LCSD 720-86781/9
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	400		ug/L		80	62 - 117	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33548-A-1 MS
Matrix: Water
Analysis Batch: 86781

Client Sample ID: 720-33548-A-1 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	ND		25.0	27.4		ug/L		110	60 - 138
Acetone	ND		125	79.6		ug/L		64	60 - 140
Benzene	ND		25.0	23.9		ug/L		96	60 - 140
Dichlorobromomethane	ND		25.0	28.7		ug/L		115	60 - 140
Bromobenzene	ND		25.0	25.4		ug/L		102	60 - 140
Chlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140
Bromoform	ND		25.0	26.4		ug/L		105	56 - 140
Bromomethane	ND		25.0	25.8		ug/L		103	23 - 140
2-Butanone (MEK)	ND		125	111		ug/L		89	60 - 140
n-Butylbenzene	ND		25.0	25.8		ug/L		103	60 - 140
sec-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
tert-Butylbenzene	ND		25.0	26.4		ug/L		105	60 - 140
Carbon disulfide	ND		25.0	21.3		ug/L		85	38 - 140
Carbon tetrachloride	ND		25.0	27.1		ug/L		108	60 - 140
Chlorobenzene	ND		25.0	23.6		ug/L		94	60 - 140
Chloroethane	ND		25.0	25.1		ug/L		100	51 - 140
Chloroform	ND		25.0	26.0		ug/L		104	60 - 140
Chloromethane	ND		25.0	21.0		ug/L		84	52 - 140
2-Chlorotoluene	ND		25.0	25.4		ug/L		102	60 - 140
4-Chlorotoluene	ND		25.0	24.9		ug/L		100	60 - 140
Chlorodibromomethane	ND		25.0	30.1		ug/L		121	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140
1,3-Dichloropropane	ND		25.0	26.7		ug/L		107	60 - 140
1,1-Dichloropropene	ND		25.0	24.9		ug/L		100	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.8		ug/L		107	60 - 140
Ethylene Dibromide	ND		25.0	28.6		ug/L		115	60 - 140
Dibromomethane	ND		25.0	26.5		ug/L		106	60 - 140
Dichlorodifluoromethane	ND		25.0	20.7		ug/L		83	38 - 140
1,1-Dichloroethane	ND		25.0	24.3		ug/L		97	60 - 140
1,2-Dichloroethane	ND		25.0	27.1		ug/L		108	60 - 140
1,1-Dichloroethene	ND		25.0	22.5		ug/L		90	60 - 140
cis-1,2-Dichloroethene	0.76		25.0	29.0		ug/L		113	60 - 140
trans-1,2-Dichloroethene	ND		25.0	20.7		ug/L		83	60 - 140
1,2-Dichloropropane	ND		25.0	24.2		ug/L		97	60 - 140
cis-1,3-Dichloropropene	ND		25.0	27.7		ug/L		111	60 - 140
trans-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140
Hexachlorobutadiene	ND		25.0	26.3		ug/L		105	60 - 140
2-Hexanone	ND		125	129		ug/L		103	60 - 140
Isopropylbenzene	ND		25.0	27.2		ug/L		109	60 - 140
4-Isopropyltoluene	ND		25.0	25.3		ug/L		101	60 - 140
Methylene Chloride	ND		25.0	23.6		ug/L		95	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		105	60 - 140
Naphthalene	ND		25.0	29.8		ug/L		119	56 - 140
N-Propylbenzene	ND		25.0	24.2		ug/L		97	60 - 140
Styrene	ND		25.0	26.9		ug/L		108	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	28.6		ug/L		115	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33548-A-1 MS
Matrix: Water
Analysis Batch: 86781

Client Sample ID: 720-33548-A-1 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,2,2-Tetrachloroethane	ND		25.0	23.9		ug/L		95	60 - 140
Tetrachloroethene	ND		25.0	24.8		ug/L		99	60 - 140
Toluene	ND		25.0	22.7		ug/L		91	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	29.0		ug/L		116	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140
1,1,1-Trichloroethane	ND		25.0	27.2		ug/L		109	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	60 - 140
Trichloroethene	ND		25.0	24.8		ug/L		99	60 - 140
Trichlorofluoromethane	ND		25.0	28.7		ug/L		115	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.8		ug/L		103	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.9		ug/L		95	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	27.0		ug/L		108	60 - 140
Vinyl acetate	ND		25.0	30.0		ug/L		120	40 - 140
Vinyl chloride	ND		25.0	25.6		ug/L		102	58 - 140
m-Xylene & p-Xylene	ND		50.0	51.5		ug/L		103	60 - 140
o-Xylene	ND		25.0	26.4		ug/L		106	60 - 140
2,2-Dichloropropane	ND		25.0	28.3		ug/L		113	60 - 140

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*115*		*67 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 720-33548-A-1 MSD
Matrix: Water
Analysis Batch: 86781

Client Sample ID: 720-33548-A-1 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	27.0		ug/L		108	60 - 138	1	20
Acetone	ND		125	81.5		ug/L		65	60 - 140	2	20
Benzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
Dichlorobromomethane	ND		25.0	28.6		ug/L		114	60 - 140	1	20
Bromobenzene	ND		25.0	26.1		ug/L		105	60 - 140	3	20
Chlorobromomethane	ND		25.0	25.7		ug/L		103	60 - 140	1	20
Bromoform	ND		25.0	26.5		ug/L		106	56 - 140	0	20
Bromomethane	ND		25.0	25.7		ug/L		103	23 - 140	0	20
2-Butanone (MEK)	ND		125	110		ug/L		88	60 - 140	0	20
n-Butylbenzene	ND		25.0	25.8		ug/L		103	60 - 140	0	20
sec-Butylbenzene	ND		25.0	25.4		ug/L		101	60 - 140	0	20
tert-Butylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	1	20
Carbon disulfide	ND		25.0	20.8		ug/L		83	38 - 140	2	20
Carbon tetrachloride	ND		25.0	27.3		ug/L		109	60 - 140	1	20
Chlorobenzene	ND		25.0	23.7		ug/L		95	60 - 140	1	20
Chloroethane	ND		25.0	25.0		ug/L		100	51 - 140	0	20
Chloroform	ND		25.0	25.7		ug/L		103	60 - 140	1	20
Chloromethane	ND		25.0	21.1		ug/L		85	52 - 140	1	20
2-Chlorotoluene	ND		25.0	25.4		ug/L		102	60 - 140	0	20
4-Chlorotoluene	ND		25.0	25.1		ug/L		100	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33548-A-1 MSD
Matrix: Water
Analysis Batch: 86781

Client Sample ID: 720-33548-A-1 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	ND		25.0	30.4		ug/L		122	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	24.1		ug/L		96	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	0	20
1,4-Dichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140	2	20
1,3-Dichloropropane	ND		25.0	27.5		ug/L		110	60 - 140	3	20
1,1-Dichloropropene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.3		ug/L		105	60 - 140	2	20
Ethylene Dibromide	ND		25.0	28.9		ug/L		116	60 - 140	1	20
Dibromomethane	ND		25.0	26.4		ug/L		105	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	19.5		ug/L		78	38 - 140	6	20
1,1-Dichloroethane	ND		25.0	24.0		ug/L		96	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	27.0		ug/L		108	60 - 140	0	20
1,1-Dichloroethene	ND		25.0	22.3		ug/L		89	60 - 140	1	20
cis-1,2-Dichloroethene	0.76		25.0	28.6		ug/L		111	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	20.5		ug/L		82	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	24.9		ug/L		100	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	28.1		ug/L		112	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	60 - 140	2	20
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	25.8		ug/L		103	60 - 140	2	20
2-Hexanone	ND		125	125		ug/L		100	60 - 140	3	20
Isopropylbenzene	ND		25.0	27.0		ug/L		108	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	25.6		ug/L		102	60 - 140	1	20
Methylene Chloride	ND		25.0	23.1		ug/L		93	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	128		ug/L		102	60 - 140	3	20
Naphthalene	ND		25.0	28.6		ug/L		114	56 - 140	4	20
N-Propylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
Styrene	ND		25.0	27.3		ug/L		109	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	28.4		ug/L		114	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	23.5		ug/L		94	60 - 140	2	20
Tetrachloroethene	ND		25.0	25.3		ug/L		101	60 - 140	2	20
Toluene	ND		25.0	22.7		ug/L		91	60 - 140	0	20
1,2,3-Trichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	27.6		ug/L		110	60 - 140	2	20
1,1,1-Trichloroethane	ND		25.0	27.4		ug/L		109	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	26.7		ug/L		107	60 - 140	2	20
Trichloroethene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Trichlorofluoromethane	ND		25.0	27.5		ug/L		110	60 - 140	5	20
1,2,3-Trichloropropane	ND		25.0	25.5		ug/L		102	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.7		ug/L		95	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140	0	20
1,3,5-Trimethylbenzene	ND		25.0	27.1		ug/L		109	60 - 140	1	20
Vinyl acetate	ND		25.0	30.6		ug/L		122	40 - 140	2	20
Vinyl chloride	ND		25.0	25.3		ug/L		101	58 - 140	1	20
m-Xylene & p-Xylene	ND		50.0	51.8		ug/L		104	60 - 140	1	20
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	27.8		ug/L		111	60 - 140	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33548-A-1 MSD
Matrix: Water
Analysis Batch: 86781

Client Sample ID: 720-33548-A-1 MSD
Prep Type: Total/NA

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*67 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-86540/1-A
Matrix: Water
Analysis Batch: 86545

Client Sample ID: MB 720-86540/1-A
Prep Type: Total/NA
Prep Batch: 86540

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/19/11 10:22	02/22/11 09:42	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/19/11 10:22	02/22/11 09:42	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*105*		*23 - 156*	*02/19/11 10:22*	*02/22/11 09:42*	*1*

Lab Sample ID: LCS 720-86540/2-A
Matrix: Water
Analysis Batch: 86545

Client Sample ID: LCS 720-86540/2-A
Prep Type: Total/NA
Prep Batch: 86540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	2500	1820		ug/L		73	40 - 150

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*109*		*23 - 156*

Lab Sample ID: LCSD 720-86540/3-A
Matrix: Water
Analysis Batch: 86545

Client Sample ID: LCSD 720-86540/3-A
Prep Type: Total/NA
Prep Batch: 86540

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1860		ug/L		75	40 - 150	2	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*112*		*23 - 156*

Lab Sample ID: 720-33432-2 MS
Matrix: Water
Analysis Batch: 86545

Client Sample ID: C12GW
Prep Type: Total/NA
Prep Batch: 86540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	ND		2940	1960		ug/L		65	50 - 150

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*96*		*23 - 156*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 720-33432-2 MSD — **Client Sample ID: C12GW**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86545 — **Prep Batch: 86540**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		2980	1910		ug/L		63	50 - 150	2	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*99*		*23 - 156*

Method: 6010B - Metals (ICP)

Lab Sample ID: LCS 720-86619/2-A — **Client Sample ID: LCS 720-86619/2-A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 86714 — **Prep Batch: 86619**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	1.00	0.971		mg/L		97	85 - 115
Arsenic	1.00	0.903		mg/L		90	85 - 115
Barium	1.00	0.970		mg/L		97	85 - 115
Beryllium	1.00	0.979		mg/L		98	85 - 115
Cadmium	1.00	0.965		mg/L		97	85 - 115
Chromium	1.00	0.967		mg/L		97	85 - 115
Cobalt	1.00	0.967		mg/L		97	85 - 115
Copper	1.00	0.975		mg/L		98	85 - 115
Lead	1.00	0.978		mg/L		98	85 - 115
Molybdenum	1.00	0.961		mg/L		96	85 - 115
Nickel	1.00	0.965		mg/L		96	85 - 115
Selenium	1.00	0.982		mg/L		98	85 - 115
Silver	0.500	0.507		mg/L		101	85 - 115
Thallium	1.00	0.984		mg/L		98	85 - 115
Vanadium	1.00	0.962		mg/L		96	85 - 115
Zinc	1.00	0.966		mg/L		97	85 - 115

Lab Sample ID: LCSD 720-86619/3-A — **Client Sample ID: LCSD 720-86619/3-A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 86714 — **Prep Batch: 86619**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.968		mg/L		97	85 - 115	0	20
Arsenic	1.00	0.892		mg/L		89	85 - 115	1	20
Barium	1.00	0.951		mg/L		95	85 - 115	2	20
Beryllium	1.00	0.959		mg/L		96	85 - 115	2	20
Cadmium	1.00	0.961		mg/L		96	85 - 115	0	20
Chromium	1.00	0.966		mg/L		97	85 - 115	0	20
Cobalt	1.00	0.960		mg/L		96	85 - 115	1	20
Copper	1.00	0.959		mg/L		96	85 - 115	2	20
Lead	1.00	0.967		mg/L		97	85 - 115	1	20
Molybdenum	1.00	0.959		mg/L		96	85 - 115	0	20
Nickel	1.00	0.953		mg/L		95	85 - 115	1	20
Selenium	1.00	0.977		mg/L		98	85 - 115	0	20
Silver	0.500	0.503		mg/L		101	85 - 115	1	20
Thallium	1.00	0.972		mg/L		97	85 - 115	1	20
Vanadium	1.00	0.952		mg/L		95	85 - 115	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-86619/3-A
Matrix: Water
Analysis Batch: 86714

Client Sample ID: LCSD 720-86619/3-A
Prep Type: Total Recoverable
Prep Batch: 86619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Zinc			1.00	0.959		mg/L		96	85 - 115	1	20

Lab Sample ID: MB 720-86429/1-C
Matrix: Water
Analysis Batch: 86714

Client Sample ID: MB 720-86429/1-C
Prep Type: Dissolved
Prep Batch: 86619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Arsenic	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Barium	ND		0.0050		mg/L		02/22/11 16:53	02/23/11 18:08	1
Beryllium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Cadmium	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Chromium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Cobalt	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Copper	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Lead	ND		0.0050		mg/L		02/22/11 16:53	02/23/11 18:08	1
Molybdenum	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Nickel	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Selenium	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Silver	ND		0.0020		mg/L		02/22/11 16:53	02/23/11 18:08	1
Thallium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Vanadium	ND		0.010		mg/L		02/22/11 16:53	02/23/11 18:08	1
Zinc	ND		0.020		mg/L		02/22/11 16:53	02/23/11 18:08	1

Lab Sample ID: 720-33432-2 MS
Matrix: Water
Analysis Batch: 86714

Client Sample ID: C12GW
Prep Type: Dissolved
Prep Batch: 86619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		1.00	0.970		mg/L		97	85 - 115
Arsenic	ND		1.00	0.909		mg/L		91	85 - 115
Barium	0.35		1.00	1.32		mg/L		97	85 - 115
Beryllium	ND		1.00	0.963		mg/L		96	85 - 115
Cadmium	ND		1.00	0.940		mg/L		94	85 - 115
Chromium	ND		1.00	0.967		mg/L		96	85 - 115
Cobalt	0.0023		1.00	0.921		mg/L		92	85 - 115
Copper	ND		1.00	0.943		mg/L		94	85 - 115
Lead	ND		1.00	0.926		mg/L		93	85 - 115
Molybdenum	ND		1.00	0.959		mg/L		95	85 - 115
Nickel	0.016		1.00	0.927		mg/L		91	85 - 115
Selenium	ND		1.00	0.966		mg/L		97	85 - 115
Silver	ND		0.500	0.500		mg/L		100	85 - 115
Thallium	ND		1.00	0.917		mg/L		92	85 - 115
Vanadium	ND		1.00	0.964		mg/L		96	85 - 115
Zinc	ND		1.00	0.935		mg/L		94	85 - 115

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33432-2 MSD — **Client Sample ID: C12GW**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 86714 — **Prep Batch: 86619**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		1.00	0.965		mg/L		96	85 - 115	1	20
Arsenic	ND		1.00	0.908		mg/L		91	85 - 115	0	20
Barium	0.35		1.00	1.33		mg/L		98	85 - 115	1	20
Beryllium	ND		1.00	0.968		mg/L		97	85 - 115	1	20
Cadmium	ND		1.00	0.939		mg/L		94	85 - 115	0	20
Chromium	ND		1.00	0.969		mg/L		96	85 - 115	0	20
Cobalt	0.0023		1.00	0.920		mg/L		92	85 - 115	0	20
Copper	ND		1.00	0.950		mg/L		95	85 - 115	1	20
Lead	ND		1.00	0.928		mg/L		93	85 - 115	0	20
Molybdenum	ND		1.00	0.964		mg/L		96	85 - 115	1	20
Nickel	0.016		1.00	0.931		mg/L		92	85 - 115	0	20
Selenium	ND		1.00	0.969		mg/L		97	85 - 115	0	20
Silver	ND		0.500	0.505		mg/L		101	85 - 115	1	20
Thallium	ND		1.00	0.916		mg/L		92	85 - 115	0	20
Vanadium	ND		1.00	0.969		mg/L		97	85 - 115	0	20
Zinc	ND		1.00	0.938		mg/L		94	85 - 115	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 720-86552/2-A — **Client Sample ID: LCS 720-86552/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86583 — **Prep Batch: 86552**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0100	0.00940		mg/L		94	80 - 120

Lab Sample ID: LCSD 720-86552/3-A — **Client Sample ID: LCSD 720-86552/3-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86583 — **Prep Batch: 86552**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00928		mg/L		93	80 - 120	1	20

Lab Sample ID: MB 720-86429/1-B — **Client Sample ID: MB 720-86429/1-B**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 86597 — **Prep Batch: 86552**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/22/11 08:13	02/22/11 13:10	1

Lab Sample ID: 720-33432-2 MS — **Client Sample ID: C12GW**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 86597 — **Prep Batch: 86552**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.0100	0.0101		mg/L		101	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 720-33432-2 MSD
Matrix: Water
Analysis Batch: 86597

Client Sample ID: C12GW
Prep Type: Dissolved
Prep Batch: 86552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0102		mg/L		102	75 - 125	2	20

GC/MS VOA

Analysis Batch: 86538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33398-B-5 MS	720-33398-B-5 MS	Total/NA	Water	8260B/CA_LUF TMS	
720-33398-B-5 MSD	720-33398-B-5 MSD	Total/NA	Water	8260B/CA_LUF TMS	
720-33432-3	C1GW	Total/NA	Water	8260B/CA_LUF TMS	
720-33432-4	TAL-SF-TB011711	Total/NA	Water	8260B/CA_LUF TMS	
MB 720-86538/4	MB 720-86538/4	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86538/5	LCS 720-86538/5	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86538/6	LCSD 720-86538/6	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86538/7	LCS 720-86538/7	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86538/8	LCSD 720-86538/8	Total/NA	Water	8260B/CA_LUF TMS	

Analysis Batch: 86547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-2	C12GW	Total/NA	Water	8260B/CA_LUF TMS	
720-33432-2 MS	C12GW	Total/NA	Water	8260B/CA_LUF TMS	
720-33432-2 MSD	C12GW	Total/NA	Water	8260B/CA_LUF TMS	
MB 720-86547/5	MB 720-86547/5	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86547/6	LCS 720-86547/6	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86547/7	LCSD 720-86547/7	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86547/8	LCS 720-86547/8	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86547/9	LCSD 720-86547/9	Total/NA	Water	8260B/CA_LUF TMS	

Analysis Batch: 86781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-1	C14GW	Total/NA	Water	8260B/CA_LUF TMS	
720-33548-A-1 MS	720-33548-A-1 MS	Total/NA	Water	8260B/CA_LUF TMS	
720-33548-A-1 MSD	720-33548-A-1 MSD	Total/NA	Water	8260B/CA_LUF TMS	
MB 720-86781/5	MB 720-86781/5	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86781/6	LCS 720-86781/6	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86781/7	LCSD 720-86781/7	Total/NA	Water	8260B/CA_LUF TMS	
LCS 720-86781/8	LCS 720-86781/8	Total/NA	Water	8260B/CA_LUF TMS	
LCSD 720-86781/9	LCSD 720-86781/9	Total/NA	Water	8260B/CA_LUF TMS	

GC Semi VOA

Prep Batch: 86540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	3510C	
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	3510C	
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 86540 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-1	C14GW	Total/NA	Water	3510C	
720-33432-2	C12GW	Total/NA	Water	3510C	
720-33432-2 MS	C12GW	Total/NA	Water	3510C	
720-33432-2 MSD	C12GW	Total/NA	Water	3510C	
720-33432-3	C1GW	Total/NA	Water	3510C	

Analysis Batch: 86545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-1	C14GW	Total/NA	Water	8015B	86540
720-33432-2	C12GW	Total/NA	Water	8015B	86540
720-33432-2 MS	C12GW	Total/NA	Water	8015B	86540
720-33432-2 MSD	C12GW	Total/NA	Water	8015B	86540
720-33432-3	C1GW	Total/NA	Water	8015B	86540
MB 720-86540/1-A	MB 720-86540/1-A	Total/NA	Water	8015B	86540
LCS 720-86540/2-A	LCS 720-86540/2-A	Total/NA	Water	8015B	86540
LCSD 720-86540/3-A	LCSD 720-86540/3-A	Total/NA	Water	8015B	86540

Metals

Prep Batch: 86552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86429/1-B	MB 720-86429/1-B	Dissolved	Water	7470A	
720-33432-1	C14GW	Dissolved	Water	7470A	
720-33432-2	C12GW	Dissolved	Water	7470A	
720-33432-2 MS	C12GW	Dissolved	Water	7470A	
720-33432-2 MSD	C12GW	Dissolved	Water	7470A	
LCS 720-86552/2-A	LCS 720-86552/2-A	Total/NA	Water	7470A	
720-33432-3	C1GW	Dissolved	Water	7470A	
LCSD 720-86552/3-A	LCSD 720-86552/3-A	Total/NA	Water	7470A	

Analysis Batch: 86583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86552/2-A	LCS 720-86552/2-A	Total/NA	Water	7470A	86552
LCSD 720-86552/3-A	LCSD 720-86552/3-A	Total/NA	Water	7470A	86552

Analysis Batch: 86597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-1	C14GW	Dissolved	Water	7470A	86552
720-33432-2	C12GW	Dissolved	Water	7470A	86552
720-33432-2 MS	C12GW	Dissolved	Water	7470A	86552
720-33432-2 MSD	C12GW	Dissolved	Water	7470A	86552
720-33432-3	C1GW	Dissolved	Water	7470A	86552
MB 720-86429/1-B	MB 720-86429/1-B	Dissolved	Water	7470A	86552

Prep Batch: 86619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86619/2-A	LCS 720-86619/2-A	Total Recoverable	Water	3005A	
LCSD 720-86619/3-A	LCSD 720-86619/3-A	Total Recoverable	Water	3005A	
MB 720-86429/1-C	MB 720-86429/1-C	Dissolved	Water	3005A	
720-33432-1	C14GW	Dissolved	Water	3005A	
720-33432-2	C12GW	Dissolved	Water	3005A	
720-33432-2 MS	C12GW	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 86619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33432-2 MSD	C12GW	Dissolved	Water	3005A	
720-33432-3	C1GW	Dissolved	Water	3005A	

Analysis Batch: 86714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86619/2-A	LCS 720-86619/2-A	Total Recoverable	Water	6010B	86619
LCSD 720-86619/3-A	LCSD 720-86619/3-A	Total Recoverable	Water	6010B	86619
MB 720-86429/1-C	MB 720-86429/1-C	Dissolved	Water	6010B	86619
720-33432-1	C14GW	Dissolved	Water	6010B	86619
720-33432-2	C12GW	Dissolved	Water	6010B	86619
720-33432-2 MS	C12GW	Dissolved	Water	6010B	86619
720-33432-2 MSD	C12GW	Dissolved	Water	6010B	86619
720-33432-3	C1GW	Dissolved	Water	6010B	86619

Client Sample ID: C14GW

Lab Sample ID: 720-33432-1

Date Collected: 02/17/11 09:53

Matrix: Water

Date Received: 02/17/11 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86781	02/24/11 20:57	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 11:39	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86597	02/22/11 13:13	EFH	TestAmerica San Francisco
Dissolved	Prep	3005A			86619	02/22/11 16:53	JR	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86714	02/23/11 18:12	BA	TestAmerica San Francisco

Client Sample ID: C12GW

Lab Sample ID: 720-33432-2

Date Collected: 02/17/11 11:20

Matrix: Water

Date Received: 02/17/11 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86547	02/22/11 13:26	AC	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 12:02	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86597	02/22/11 13:16	EFH	TestAmerica San Francisco
Dissolved	Prep	3005A			86619	02/22/11 16:53	JR	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86714	02/23/11 18:16	BA	TestAmerica San Francisco

Client Sample ID: C1GW

Lab Sample ID: 720-33432-3

Date Collected: 02/17/11 13:30

Matrix: Water

Date Received: 02/17/11 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86538	02/19/11 18:44	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86540	02/19/11 10:22	JRM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86545	02/22/11 14:44	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86552	02/22/11 08:13	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86597	02/22/11 13:27	EFH	TestAmerica San Francisco
Dissolved	Prep	3005A			86619	02/22/11 16:53	JR	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86714	02/23/11 18:28	BA	TestAmerica San Francisco

Client Sample ID: TAL-SF-TB011711

Lab Sample ID: 720-33432-4

Date Collected: 02/17/11 00:00

Matrix: Water

Date Received: 02/17/11 16:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86538	02/19/11 19:14	YB	TestAmerica San Francisco

Certification Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33432-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33432-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33432-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33432-1	C14GW	Water	02/17/11 09:53	02/17/11 16:12
720-33432-2	C12GW	Water	02/17/11 11:20	02/17/11 16:12
720-33432-3	C1GW	Water	02/17/11 13:30	02/17/11 16:12
720-33432-4	TAL-SF-TB011711	Water	02/17/11 00:00	02/17/11 16:12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

720-33432

Reference #: 129747

Date 2/17/11 Page 1 of 1

0.4 oc

Report To:

Attn: DES GARNER
Company: URS
Address: 1 MONTGOMERY ST, SUITE 900 SAN FRANCISCO CA 94104
Phone: Email:
Bill To:
Sampled By: G. RAGGANBOI / L. Hammel
Attn: Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA 8260B ☒ Gas w/ ☒ BTEX ☐ MTBE	TEPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other ____	EPA 8260B: ☐ Gas ☐ BTEX ☐ 5 Oxygenates ☐ DCA, EDB ☐ Ethanol	(HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☒ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ____	Low Level Metals by EPA 200.8/6020 (ICP-MS): ____	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec. Cond. ☐ Alkalinity ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
C14 GW	2/17/11	0953	GW	HCl + ICE	X	X			X					X												9
C12 GW (MS/MSD)	2/17/11	1120	GW	HCl + ICE	X	X			X					X										MS/MSD		25
C1 GW	2/17/11	1330	GW	HCl + ICE	X	X			X					X												9
TAL-SF-TB011711					X				X																	2

Project Info

Project Name: TSI CHESTNUT ST
Project#: 28067405
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp:
Conforms to record:

TAT: (5 Day) 3 Day 2 Day 1 Day
Other: ~~CAM-17 METALS~~ LH ~~ALL OTHERS~~ LH

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank
Fund EDF
Special Instructions / Comments: ☐ Global ID ____

CAM-17 METALS TO BE FILTERED W/ 0.45 µm FILTER BY LAB.

See Terms and Conditions on reverse
*TestAmerica SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}.

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 1612	Signature: Time:	Signature: Time:
Printed Name: Leigh Hammel Date: 2/17/11	Printed Name: Date:	Printed Name: Date:
Company: URS Corp	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 1612	Signature: Time:	Signature: Time:
Printed Name: [signature] Date: 2/17/11	Printed Name: Date:	Printed Name: Date:
Company: TAS F.	Company:	Company:

Rev09/09

Page 51 of 52

02/25/2011

Login Sample Receipt Check List

Client: URS Corporation

Job Number: 720-33432-1

Login Number: 33432
List Source: TestAmerica San Francisco
Creator: Apostol, Anita
List Number: 1

Question	T / F/ NA	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.	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.	False	
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	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.	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	

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C2GW, C20GW, C9GW

MATRIX: Water

Analysis	Volatile Organic Compounds + GRO 8260B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C20GW and C2GW)	✓
Trip/Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: 1. The sample spiked for the MS/MSD is not from this project and does not reflect the matrix of these samples.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C2GW, C20GW, C9GW

MATRIX: Water

Analysis	Diesel Range Organics (C10-C28) Motor Oil Range Organics (C24-C36) 8015B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	NA
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C20GW and C2GW)	✓
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C2GW, C20GW, C9GW

MATRIX: Water

Analysis	Dissolved CAM 17 Metals 6010B/Hg by 7470A
Holding Time	✓
MS/MSD (C9GW)	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates (C2GW and C20GW)	✓
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: 1. The sample spiked for the MS/MSD for mercury was not from this project and does not reflect the matrix of these samples. All of the 6010B metals met QC acceptance criteria.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C3-2, C3-5, C3-60, C6-2

MATRIX: Soil

Analysis	BTEX and Gasoline Range 8260B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: 1. The sample spiked for the MS/MSD was not from this project and does not reflect the matrix of these samples.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C3-2, C3-5, C3-60, C6-2

MATRIX: Soil

Analysis	PAHs 8270C SIM
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C3-5)	✓
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	Note 1

✓ – QC criteria were met.

Notes: 1. Due to the presence of non-target analytes the following dilutions were required:

Sample	Dilution Factor
C3-2	2
C3-5	5
C6-2	10

Reporting limits were increased by the same factors as the dilutions.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C3-2, C3-5, C3-60, C6-2

MATRIX: Soil

Analysis	Diesel Range Organics (C10-C28) Motor Oil Range Organics (C24-C30) 8015B
Holding Time	✓
Surrogate Recovery	✓
MS/MSD (C3-60)	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	Note 2

✓ – QC criteria were met.

Notes:

1. The RPD between the percent recoveries of the MS and MSD (45%) exceeded the QC limit of 30%. The reporting limits for both diesel and motor oil were flagged "UJ," estimated.

2. In order to quantitate target analytes the following dilutions were required:

Sample	Dilution Factor
C3-2	2
C6-2, C3-5	3

Reporting limits were increased by the same factors as the dilutions. Reported concentrations exceeded the elevated reporting limits.

Summary:

Based on this Level III validation, these data are usable as qualified for their intended purpose. None of these data were rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C3-2, C3-5, C3-60, C6-2

MATRIX: Soil

Analysis	CAM 17 Metals 6010B/Hg by 7471A
Holding Time	✓
MS/MSD	Note 1
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	Note 2

✓ – QC criteria were met.

Notes:
1. The sample spiked for the MS/MSD is not from this project and does not reflect the matrix of these samples.
2. All samples were diluted by factors of four for the 6010B metals. Reporting limits were increased by the same factor.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Test America – San Francisco

LAB NUMBER: 720-33471

SAMPLES: C6-2

MATRIX: Soil

Analysis	Organochlorine Pesticides 8081
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	NA
LCS (Blank Spike)	✓
Method Blanks	✓
Field Duplicates	NA
Field/Equipment Blanks	NA
Reporting Limits	✓

✓ – QC criteria were met.

Notes: None

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-33471-1
Client Project/Site: B1 CHESTNUT

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Giorgio Mollinario

Authorized for release by:
2/28/2011 11:34 AM

Afsaneh Salimpour
Project Manager I
afsaneh.salimpour@testamericainc.com

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.

Table of Contents

Qualifier Definition/Glossary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33471-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
F	RPD of the MS and MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Glossary	Glossary Description
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.

Job ID: 720-33471-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-33471-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch #86589 exceeded control limits for the following analyte(s): Benzoic acid. Benzoic acid has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method(s) 8270C: The following sample(s) was diluted due to the abundance of non-target analytes: IDW-COMP (720-33471-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270C SIM: The following sample(s) was diluted due to the abundance of non-target analytes: C3-2 (720-33471-7), C3-5 (720-33471-8), C6-2 (720-33471-10). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The matrix spike duplicate (MSD) recovery for batch 86590 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 86614 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33471-1

Client Sample ID: IDW-COMP — Lab Sample ID: 720-33471-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	74		3.0		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	230		150		mg/Kg	3		8015B	Total/NA
Arsenic	4.3		3.8		mg/Kg	4		6010B	Total/NA
Barium	140		1.9		mg/Kg	4		6010B	Total/NA
Chromium	41		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.77		mg/Kg	4		6010B	Total/NA
Copper	26		5.8		mg/Kg	4		6010B	Total/NA
Lead	16		1.9		mg/Kg	4		6010B	Total/NA
Nickel	90		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	22		1.9		mg/Kg	4		6010B	Total/NA
Zinc	43		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.053		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C2GW — Lab Sample ID: 720-33471-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	14		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Diesel Range Organics [C10-C28]	130		58		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	400		120		ug/L	1		8015B	Total/NA
Barium	0.47		0.0050		mg/L	1		6010B	Dissolved
Chromium	0.086		0.010		mg/L	1		6010B	Dissolved
Cobalt	0.024		0.0020		mg/L	1		6010B	Dissolved
Copper	0.044		0.020		mg/L	1		6010B	Dissolved
Lead	0.0059		0.0050		mg/L	1		6010B	Dissolved
Molybdenum	0.015		0.010		mg/L	1		6010B	Dissolved
Nickel	0.27		0.010		mg/L	1		6010B	Dissolved
Vanadium	0.035		0.010		mg/L	1		6010B	Dissolved
Zinc	0.042		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: C20GW — Lab Sample ID: 720-33471-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Diesel Range Organics [C10-C28]	82		62		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	200		120		ug/L	1		8015B	Total/NA
Barium	0.57		0.0050		mg/L	1		6010B	Dissolved
Chromium	0.10		0.010		mg/L	1		6010B	Dissolved
Cobalt	0.042		0.0020		mg/L	1		6010B	Dissolved
Copper	0.043		0.020		mg/L	1		6010B	Dissolved
Lead	0.0099		0.0050		mg/L	1		6010B	Dissolved
Molybdenum	0.012		0.010		mg/L	1		6010B	Dissolved
Nickel	0.39		0.010		mg/L	1		6010B	Dissolved
Vanadium	0.041		0.010		mg/L	1		6010B	Dissolved
Zinc	0.056		0.020		mg/L	1		6010B	Dissolved
Mercury	0.00020		0.00020		mg/L	1		7470A	Dissolved

Client Sample ID: C9-GW — Lab Sample ID: 720-33471-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	15		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Trichloroethene	0.53		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Diesel Range Organics [C10-C28]	72		62		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	190		120		ug/L	1		8015B	Total/NA
Barium	1.2		0.0050		mg/L	1		6010B	Dissolved

Client Sample ID: C9-GW (Continued) — Lab Sample ID: 720-33471-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.029		0.010		mg/L	1		6010B	Dissolved
Cobalt	0.031		0.0020		mg/L	1		6010B	Dissolved
Copper	0.039		0.020		mg/L	1		6010B	Dissolved
Lead	0.0094		0.0050		mg/L	1		6010B	Dissolved
Molybdenum	0.016		0.010		mg/L	1		6010B	Dissolved
Nickel	0.15		0.010		mg/L	1		6010B	Dissolved
Vanadium	0.022		0.010		mg/L	1		6010B	Dissolved
Zinc	0.029		0.020		mg/L	1		6010B	Dissolved
Mercury	0.00050		0.00020		mg/L	1		7470A	Dissolved

Client Sample ID: C3-2 — Lab Sample ID: 720-33471-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	36		9.9		ug/Kg	2		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	39		2.0		mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	140		99		mg/Kg	2		8015B	Total/NA
Barium	110		2.0		mg/Kg	4		6010B	Total/NA
Chromium	39		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	9.1		0.82		mg/Kg	4		6010B	Total/NA
Copper	23		6.1		mg/Kg	4		6010B	Total/NA
Lead	7.7		2.0		mg/Kg	4		6010B	Total/NA
Nickel	67		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	24		2.0		mg/Kg	4		6010B	Total/NA
Zinc	38		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.031		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C3-5 — Lab Sample ID: 720-33471-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	110		3.0		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	470		150		mg/Kg	3		8015B	Total/NA
Barium	86		2.0		mg/Kg	4		6010B	Total/NA
Chromium	34		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	8.3		0.79		mg/Kg	4		6010B	Total/NA
Copper	20		5.9		mg/Kg	4		6010B	Total/NA
Lead	6.0		2.0		mg/Kg	4		6010B	Total/NA
Nickel	65		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	21		2.0		mg/Kg	4		6010B	Total/NA
Zinc	35		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.027		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C3-60 — Lab Sample ID: 720-33471-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	92		2.0		mg/Kg	4		6010B	Total/NA
Chromium	46		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	8.3		0.80		mg/Kg	4		6010B	Total/NA
Copper	23		6.0		mg/Kg	4		6010B	Total/NA
Lead	5.1		2.0		mg/Kg	4		6010B	Total/NA
Nickel	68		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	24		2.0		mg/Kg	4		6010B	Total/NA
Zinc	34		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.027		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: C6-2

Lab Sample ID: 720-33471-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	38		3.0		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	210		150		mg/Kg	3		8015B	Total/NA
Barium	120		2.0		mg/Kg	4		6010B	Total/NA
Chromium	43		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.82		mg/Kg	4		6010B	Total/NA
Copper	22		6.1		mg/Kg	4		6010B	Total/NA
Lead	6.9		2.0		mg/Kg	4		6010B	Total/NA
Nickel	110		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	21		2.0		mg/Kg	4		6010B	Total/NA
Zinc	37		6.1		mg/Kg	4		6010B	Total/NA
Mercury	0.040		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: IDW-COMP
Date Collected: 02/18/11 09:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Acetone	ND		49		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Benzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Dichlorobromomethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Bromobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chlorobromomethane	ND		20		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Bromoform	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Bromomethane	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
2-Butanone (MEK)	ND		49		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
n-Butylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
sec-Butylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
tert-Butylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Carbon disulfide	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Carbon tetrachloride	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chloroethane	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chloroform	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chloromethane	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
2-Chlorotoluene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
4-Chlorotoluene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Chlorodibromomethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,3-Dichloropropane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1-Dichloropropene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Ethylene Dibromide	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Dibromomethane	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1-Dichloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2-Dichloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1-Dichloroethene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2-Dichloropropane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Ethylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Hexachlorobutadiene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
2-Hexanone	ND		49		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Isopropylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
4-Isopropyltoluene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Methylene Chloride	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Naphthalene	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
N-Propylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Styrene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1

Client Sample ID: IDW-COMP
Date Collected: 02/18/11 09:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Toluene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Trichloroethene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Trichlorofluoromethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Vinyl acetate	ND		49		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Vinyl chloride	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Xylenes, Total	ND		9.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
2,2-Dichloropropane	ND		4.9		ug/Kg		02/23/11 07:00	02/23/11 18:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/23/11 07:00	02/23/11 18:52	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*45 - 131*	*02/23/11 07:00*	*02/23/11 18:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*60 - 140*	*02/23/11 07:00*	*02/23/11 18:52*	*1*
Toluene-d8 (Surr)	*96*		*58 - 140*	*02/23/11 07:00*	*02/23/11 18:52*	*1*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Bis(2-chloroethyl)ether	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Chlorophenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
1,3-Dichlorobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
1,4-Dichlorobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzyl alcohol	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
1,2-Dichlorobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Methylphenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Methylphenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
N-Nitrosodi-n-propylamine	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Hexachloroethane	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Nitrobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Isophorone	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Nitrophenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,4-Dimethylphenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Bis(2-chloroethoxy)methane	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,4-Dichlorophenol	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
1,2,4-Trichlorobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Naphthalene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Chloroaniline	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Hexachlorobutadiene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Chloro-3-methylphenol	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Methylnaphthalene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Hexachlorocyclopentadiene	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,4,6-Trichlorophenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2

Client Sample ID: IDW-COMP
Date Collected: 02/18/11 09:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-3
Matrix: Solid

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Chloronaphthalene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Nitroaniline	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Dimethyl phthalate	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Acenaphthylene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
3-Nitroaniline	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Acenaphthene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,4-Dinitrophenol	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Nitrophenol	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Dibenzofuran	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,4-Dinitrotoluene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2,6-Dinitrotoluene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Diethyl phthalate	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Chlorophenyl phenyl ether	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Fluorene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Nitroaniline	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
2-Methyl-4,6-dinitrophenol	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
N-Nitrosodiphenylamine	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
4-Bromophenyl phenyl ether	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Hexachlorobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Pentachlorophenol	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Phenanthrene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Anthracene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Di-n-butyl phthalate	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Fluoranthene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Pyrene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Butyl benzyl phthalate	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
3,3'-Dichlorobenzidine	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzo[a]anthracene	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Bis(2-ethylhexyl) phthalate	ND		0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Chrysene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Di-n-octyl phthalate	ND		0.34		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzo[b]fluoranthene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzo[a]pyrene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzo[k]fluoranthene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Indeno[1,2,3-cd]pyrene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzo[g,h,i]perylene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Benzoic acid	ND	*	0.66		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Azobenzene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2
Dibenz(a,h)anthracene	ND		0.13		mg/Kg		02/22/11 20:42	02/24/11 19:04	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*56*		*21 - 98*	*02/22/11 20:42*	*02/24/11 19:04*	*2*
2-Fluorobiphenyl	*72*		*30 - 112*	*02/22/11 20:42*	*02/24/11 19:04*	*2*
Terphenyl-d14	*84*		*32 - 117*	*02/22/11 20:42*	*02/24/11 19:04*	*2*
2-Fluorophenol	*64*		*28 - 98*	*02/22/11 20:42*	*02/24/11 19:04*	*2*
Phenol-d5	*73*		*23 - 101*	*02/22/11 20:42*	*02/24/11 19:04*	*2*
2,4,6-Tribromophenol	*86*		*37 - 114*	*02/22/11 20:42*	*02/24/11 19:04*	*2*

Client Sample ID: IDW-COMP
Date Collected: 02/18/11 09:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-3
Matrix: Solid

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**74**		3.0		mg/Kg		02/22/11 13:04	02/24/11 17:43	3
Motor Oil Range Organics [C24-C36]	**230**		150		mg/Kg		02/22/11 13:04	02/24/11 17:43	3

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*66*		*31 - 114*	*02/22/11 13:04*	*02/24/11 17:43*	*3*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Dieldrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endrin aldehyde	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endrin ketone	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Heptachlor	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
4,4'-DDT	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
4,4'-DDE	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
4,4'-DDD	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endosulfan I	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endosulfan II	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
alpha-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
beta-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
delta-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Methoxychlor	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Toxaphene	ND		40		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
Chlordane (technical)	ND		40		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
alpha-Chlordane	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1
gamma-Chlordane	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 16:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*45 - 119*	*02/18/11 20:54*	*02/22/11 16:56*	*1*
DCB Decachlorobiphenyl	*75*		*27 - 136*	*02/18/11 20:54*	*02/22/11 16:56*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Arsenic	**4.3**		3.8		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Barium	**140**		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Beryllium	ND		0.38		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Cadmium	ND		0.48		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Chromium	**41**		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Cobalt	**11**		0.77		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Copper	**26**		5.8		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Lead	**16**		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Molybdenum	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Nickel	**90**		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Selenium	ND		3.8		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Silver	ND		0.96		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Thallium	ND		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4

Client Sample ID: IDW-COMP

Lab Sample ID: 720-33471-3

Date Collected: 02/18/11 09:00

Matrix: Solid

Date Received: 02/18/11 14:05

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	22		1.9		mg/Kg		02/22/11 16:31	02/23/11 12:43	4
Zinc	43		5.8		mg/Kg		02/22/11 16:31	02/23/11 12:43	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.010		mg/Kg		02/22/11 19:00	02/22/11 22:04	1

Client Sample ID: C2GW

Lab Sample ID: 720-33471-4

Date Collected: 02/18/11 09:15

Matrix: Water

Date Received: 02/18/11 14:05

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 17:33	1
Acetone	ND		50		ug/L			02/22/11 17:33	1
Benzene	ND		0.50		ug/L			02/22/11 17:33	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 17:33	1
Bromobenzene	ND		1.0		ug/L			02/22/11 17:33	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 17:33	1
Bromoform	ND		1.0		ug/L			02/22/11 17:33	1
Bromomethane	ND		1.0		ug/L			02/22/11 17:33	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 17:33	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 17:33	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 17:33	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 17:33	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 17:33	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 17:33	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 17:33	1
Chloroethane	ND		1.0		ug/L			02/22/11 17:33	1
Chloroform	ND		1.0		ug/L			02/22/11 17:33	1
Chloromethane	ND		1.0		ug/L			02/22/11 17:33	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 17:33	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 17:33	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 17:33	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 17:33	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 17:33	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 17:33	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 17:33	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 17:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 17:33	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 17:33	1
Dibromomethane	ND		0.50		ug/L			02/22/11 17:33	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 17:33	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 17:33	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 17:33	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 17:33	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 17:33	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 17:33	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 17:33	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 17:33	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 17:33	1

Client Sample ID: C2GW
Date Collected: 02/18/11 09:15
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50		ug/L			02/22/11 17:33	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 17:33	1
2-Hexanone	ND		50		ug/L			02/22/11 17:33	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 17:33	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 17:33	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 17:33	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 17:33	1
Naphthalene	ND		1.0		ug/L			02/22/11 17:33	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 17:33	1
Styrene	ND		0.50		ug/L			02/22/11 17:33	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 17:33	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 17:33	1
Tetrachloroethene	**14**		0.50		ug/L			02/22/11 17:33	1
Toluene	ND		0.50		ug/L			02/22/11 17:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 17:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 17:33	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 17:33	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 17:33	1
Trichloroethene	ND		0.50		ug/L			02/22/11 17:33	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 17:33	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 17:33	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 17:33	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 17:33	1
Vinyl acetate	ND		10		ug/L			02/22/11 17:33	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 17:33	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 17:33	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 17:33	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 17:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*02/22/11 17:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*		*02/22/11 17:33*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/22/11 17:33*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**130**		58		ug/L		02/22/11 16:08	02/23/11 19:21	1
Motor Oil Range Organics [C24-C36]	**400**		120		ug/L		02/22/11 16:08	02/23/11 19:21	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*77*		*23 - 156*	*02/22/11 16:08*	*02/23/11 19:21*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Arsenic	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Barium	**0.47**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:18	1
Beryllium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:18	1
Cadmium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:18	1

Client Sample ID: C2GW

Lab Sample ID: 720-33471-4

Date Collected: 02/18/11 09:15

Matrix: Water

Date Received: 02/18/11 14:05

Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.086**		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Cobalt	**0.024**		0.0020		mg/L		02/23/11 14:59	02/24/11 20:18	1
Copper	**0.044**		0.020		mg/L		02/23/11 14:59	02/24/11 20:18	1
Lead	**0.0059**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:18	1
Molybdenum	**0.015**		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Nickel	**0.27**		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Selenium	ND		0.020		mg/L		02/23/11 14:59	02/24/11 20:18	1
Silver	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:18	1
Thallium	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Vanadium	**0.035**		0.010		mg/L		02/23/11 14:59	02/24/11 20:18	1
Zinc	**0.042**		0.020		mg/L		02/23/11 14:59	02/24/11 20:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/23/11 11:20	02/24/11 14:03	1

Client Sample ID: C20GW

Lab Sample ID: 720-33471-5

Date Collected: 02/18/11 08:30

Matrix: Water

Date Received: 02/18/11 14:05

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 18:04	1
Acetone	ND		50		ug/L			02/22/11 18:04	1
Benzene	ND		0.50		ug/L			02/22/11 18:04	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 18:04	1
Bromobenzene	ND		1.0		ug/L			02/22/11 18:04	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 18:04	1
Bromoform	ND		1.0		ug/L			02/22/11 18:04	1
Bromomethane	ND		1.0		ug/L			02/22/11 18:04	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 18:04	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 18:04	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 18:04	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 18:04	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 18:04	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 18:04	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 18:04	1
Chloroethane	ND		1.0		ug/L			02/22/11 18:04	1
Chloroform	ND		1.0		ug/L			02/22/11 18:04	1
Chloromethane	ND		1.0		ug/L			02/22/11 18:04	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 18:04	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 18:04	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 18:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:04	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 18:04	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 18:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 18:04	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 18:04	1
Dibromomethane	ND		0.50		ug/L			02/22/11 18:04	1

Client Sample ID: C20GW
Date Collected: 02/18/11 08:30
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-5
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 18:04	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 18:04	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 18:04	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 18:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 18:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 18:04	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 18:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 18:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 18:04	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 18:04	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 18:04	1
2-Hexanone	ND		50		ug/L			02/22/11 18:04	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 18:04	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 18:04	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 18:04	1
Naphthalene	ND		1.0		ug/L			02/22/11 18:04	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 18:04	1
Styrene	ND		0.50		ug/L			02/22/11 18:04	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 18:04	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 18:04	1
Tetrachloroethene	**12**		0.50		ug/L			02/22/11 18:04	1
Toluene	ND		0.50		ug/L			02/22/11 18:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 18:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 18:04	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 18:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 18:04	1
Trichloroethene	ND		0.50		ug/L			02/22/11 18:04	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 18:04	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 18:04	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 18:04	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 18:04	1
Vinyl acetate	ND		10		ug/L			02/22/11 18:04	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 18:04	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 18:04	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 18:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 18:04	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*02/22/11 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*		*02/22/11 18:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/22/11 18:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**82**		62		ug/L		02/22/11 16:08	02/23/11 19:44	1
Motor Oil Range Organics [C24-C36]	**200**		120		ug/L		02/22/11 16:08	02/23/11 19:44	1

Client Sample ID: C20GW

Date Collected: 02/18/11 08:30
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-5
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	*84*		*23 - 156*	*02/22/11 16:08*	*02/23/11 19:44*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Arsenic	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Barium	**0.57**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:23	1
Beryllium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Cadmium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Chromium	**0.10**		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Cobalt	**0.042**		0.0020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Copper	**0.043**		0.020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Lead	**0.0099**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:23	1
Molybdenum	**0.012**		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Nickel	**0.39**		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Selenium	ND		0.020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Silver	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:23	1
Thallium	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Vanadium	**0.041**		0.010		mg/L		02/23/11 14:59	02/24/11 20:23	1
Zinc	**0.056**		0.020		mg/L		02/23/11 14:59	02/24/11 20:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00020**		0.00020		mg/L		02/23/11 11:20	02/24/11 14:06	1

Client Sample ID: C9-GW

Date Collected: 02/18/11 12:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-6
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 18:34	1
Acetone	ND		50		ug/L			02/22/11 18:34	1
Benzene	ND		0.50		ug/L			02/22/11 18:34	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 18:34	1
Bromobenzene	ND		1.0		ug/L			02/22/11 18:34	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 18:34	1
Bromoform	ND		1.0		ug/L			02/22/11 18:34	1
Bromomethane	ND		1.0		ug/L			02/22/11 18:34	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 18:34	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 18:34	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 18:34	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 18:34	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 18:34	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 18:34	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 18:34	1
Chloroethane	ND		1.0		ug/L			02/22/11 18:34	1
Chloroform	ND		1.0		ug/L			02/22/11 18:34	1
Chloromethane	ND		1.0		ug/L			02/22/11 18:34	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 18:34	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 18:34	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 18:34	1

Client Sample ID: C9-GW
Date Collected: 02/18/11 12:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-6
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:34	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:34	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 18:34	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 18:34	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 18:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 18:34	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 18:34	1
Dibromomethane	ND		0.50		ug/L			02/22/11 18:34	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 18:34	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 18:34	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 18:34	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 18:34	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 18:34	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 18:34	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 18:34	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 18:34	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 18:34	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 18:34	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 18:34	1
2-Hexanone	ND		50		ug/L			02/22/11 18:34	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 18:34	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 18:34	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 18:34	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 18:34	1
Naphthalene	ND		1.0		ug/L			02/22/11 18:34	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 18:34	1
Styrene	ND		0.50		ug/L			02/22/11 18:34	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 18:34	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 18:34	1
Tetrachloroethene	**15**		0.50		ug/L			02/22/11 18:34	1
Toluene	ND		0.50		ug/L			02/22/11 18:34	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 18:34	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 18:34	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 18:34	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 18:34	1
Trichloroethene	**0.53**		0.50		ug/L			02/22/11 18:34	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 18:34	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 18:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 18:34	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 18:34	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 18:34	1
Vinyl acetate	ND		10		ug/L			02/22/11 18:34	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 18:34	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 18:34	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 18:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 18:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*02/22/11 18:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 130*		*02/22/11 18:34*	*1*

Client Sample ID: C9-GW

Date Collected: 02/18/11 12:00
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-6

Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/22/11 18:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**72**		62		ug/L		02/22/11 16:08	02/23/11 20:08	1
Motor Oil Range Organics [C24-C36]	**190**		120		ug/L		02/22/11 16:08	02/23/11 20:08	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	*86*		*23 - 156*	*02/22/11 16:08*	*02/23/11 20:08*	*1*

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Arsenic	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Barium	**1.2**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:14	1
Beryllium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Cadmium	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Chromium	**0.029**		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Cobalt	**0.031**		0.0020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Copper	**0.039**		0.020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Lead	**0.0094**		0.0050		mg/L		02/23/11 14:59	02/24/11 20:14	1
Molybdenum	**0.016**		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Nickel	**0.15**		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Selenium	ND		0.020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Silver	ND		0.0020		mg/L		02/23/11 14:59	02/24/11 20:14	1
Thallium	ND		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Vanadium	**0.022**		0.010		mg/L		02/23/11 14:59	02/24/11 20:14	1
Zinc	**0.029**		0.020		mg/L		02/23/11 14:59	02/24/11 20:14	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00050**		0.00020		mg/L		02/23/11 11:20	02/24/11 14:08	1

Client Sample ID: C3-2

Date Collected: 02/18/11 13:10
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-7

Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 22:55	1
Ethylbenzene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 22:55	1
Toluene	ND		4.6		ug/Kg		02/18/11 17:00	02/18/11 22:55	1
Xylenes, Total	ND		9.1		ug/Kg		02/18/11 17:00	02/18/11 22:55	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		02/18/11 17:00	02/18/11 22:55	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*77*		*65 - 117*	*02/18/11 17:00*	*02/18/11 22:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 140*	*02/18/11 17:00*	*02/18/11 22:55*	*1*
Toluene-d8 (Surr)	*87*		*84 - 116*	*02/18/11 17:00*	*02/18/11 22:55*	*1*

Client Sample ID: C3-2

Date Collected: 02/18/11 13:10
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-7

Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**36**		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Acenaphthene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Acenaphthylene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Fluorene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Phenanthrene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Anthracene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Benzo[a]anthracene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Chrysene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Benzo[a]pyrene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Benzo[b]fluoranthene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Benzo[k]fluoranthene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Benzo[g,h,i]perylene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Indeno[1,2,3-cd]pyrene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Fluoranthene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Pyrene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2
Dibenz(a,h)anthracene	ND		9.9		ug/Kg		02/22/11 13:07	02/23/11 18:47	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*33 - 120*	*02/22/11 13:07*	*02/23/11 18:47*	*2*
Terphenyl-d14	*91*		*35 - 146*	*02/22/11 13:07*	*02/23/11 18:47*	*2*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**39**		2.0		mg/Kg		02/22/11 13:04	02/23/11 17:19	2
Motor Oil Range Organics [C24-C36]	**140**		99		mg/Kg		02/22/11 13:04	02/23/11 17:19	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*80*		*31 - 114*	*02/22/11 13:04*	*02/23/11 17:19*	*2*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Arsenic	ND		4.1		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Barium	**110**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Beryllium	ND		0.41		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Cadmium	ND		0.51		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Chromium	**39**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Cobalt	**9.1**		0.82		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Copper	**23**		6.1		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Lead	**7.7**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Nickel	**67**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Selenium	ND		4.1		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Thallium	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Vanadium	**24**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:47	4
Zinc	**38**		6.1		mg/Kg		02/22/11 16:31	02/23/11 12:47	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**		0.010		mg/Kg		02/22/11 11:04	02/22/11 18:13	1

Client Sample ID: C3-5

Date Collected: 02/18/11 13:15
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-8
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.4		ug/Kg		02/18/11 17:00	02/18/11 23:26	1
Ethylbenzene	ND		4.4		ug/Kg		02/18/11 17:00	02/18/11 23:26	1
Toluene	ND		4.4		ug/Kg		02/18/11 17:00	02/18/11 23:26	1
Xylenes, Total	ND		8.8		ug/Kg		02/18/11 17:00	02/18/11 23:26	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		02/18/11 17:00	02/18/11 23:26	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*81*		*65 - 117*	*02/18/11 17:00*	*02/18/11 23:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 140*	*02/18/11 17:00*	*02/18/11 23:26*	*1*
Toluene-d8 (Surr)	*90*		*84 - 116*	*02/18/11 17:00*	*02/18/11 23:26*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Acenaphthene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Acenaphthylene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Fluorene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Phenanthrene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Anthracene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Benzo[a]anthracene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Chrysene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Benzo[a]pyrene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Benzo[b]fluoranthene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Benzo[k]fluoranthene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Benzo[g,h,i]perylene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Indeno[1,2,3-cd]pyrene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Fluoranthene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Pyrene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5
Dibenz(a,h)anthracene	ND		25		ug/Kg		02/22/11 13:07	02/23/11 19:10	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*41*		*33 - 120*	*02/22/11 13:07*	*02/23/11 19:10*	*5*
Terphenyl-d14	*73*		*35 - 146*	*02/22/11 13:07*	*02/23/11 19:10*	*5*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		3.0		mg/Kg		02/22/11 13:04	02/23/11 17:43	3
Motor Oil Range Organics [C24-C36]	**470**		150		mg/Kg		02/22/11 13:04	02/23/11 17:43	3

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*77*		*31 - 114*	*02/22/11 13:04*	*02/23/11 17:43*	*3*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Arsenic	ND		4.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Barium	**86**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Beryllium	ND		0.40		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Cadmium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Chromium	**34**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Cobalt	**8.3**		0.79		mg/Kg		02/22/11 16:31	02/23/11 12:51	4

Client Sample ID: C3-5

Lab Sample ID: 720-33471-8

Date Collected: 02/18/11 13:15

Matrix: Solid

Date Received: 02/18/11 14:05

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**20**		5.9		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Lead	**6.0**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Nickel	**65**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Selenium	ND		4.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Silver	ND		0.99		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Thallium	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Vanadium	**21**		2.0		mg/Kg		02/22/11 16:31	02/23/11 12:51	4
Zinc	**35**		5.9		mg/Kg		02/22/11 16:31	02/23/11 12:51	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.027**		0.010		mg/Kg		02/22/11 11:04	02/22/11 18:15	1

Client Sample ID: C3-60

Lab Sample ID: 720-33471-9

Date Collected: 02/18/11 13:20

Matrix: Solid

Date Received: 02/18/11 14:05

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.3		ug/Kg		02/18/11 17:00	02/18/11 23:56	1
Ethylbenzene	ND		5.3		ug/Kg		02/18/11 17:00	02/18/11 23:56	1
Toluene	ND		5.3		ug/Kg		02/18/11 17:00	02/18/11 23:56	1
Xylenes, Total	ND		11		ug/Kg		02/18/11 17:00	02/18/11 23:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		02/18/11 17:00	02/18/11 23:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*74*		*65 - 117*	*02/18/11 17:00*	*02/18/11 23:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*73 - 140*	*02/18/11 17:00*	*02/18/11 23:56*	*1*
Toluene-d8 (Surr)	*88*		*84 - 116*	*02/18/11 17:00*	*02/18/11 23:56*	*1*

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Acenaphthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Acenaphthylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Fluorene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Phenanthrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Chrysene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 13:23	1

Client Sample ID: C3-60

Lab Sample ID: 720-33471-9

Date Collected: 02/18/11 13:20

Matrix: Solid

Date Received: 02/18/11 14:05

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		33 - 120	02/22/11 13:07	02/23/11 13:23	1
Terphenyl-d14	90		35 - 146	02/22/11 13:07	02/23/11 13:23	1

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/22/11 13:04	02/25/11 10:26	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/22/11 13:04	02/25/11 10:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	90		31 - 114	02/22/11 13:04	02/25/11 10:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Arsenic	ND		4.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Barium	**92**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Beryllium	ND		0.40		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Cadmium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Chromium	**46**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Cobalt	**8.3**		0.80		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Copper	**23**		6.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Lead	**5.1**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Nickel	**68**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Selenium	ND		4.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Thallium	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Vanadium	**24**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4
Zinc	**34**		6.0		mg/Kg		02/22/11 16:31	02/23/11 13:04	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.027**		0.010		mg/Kg		02/22/11 11:04	02/22/11 18:17	1

Client Sample ID: C6-2

Lab Sample ID: 720-33471-10

Date Collected: 02/18/11 12:55

Matrix: Solid

Date Received: 02/18/11 14:05

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		4.7		ug/Kg		02/18/11 17:00	02/19/11 00:27	1
Ethylbenzene	ND		4.7		ug/Kg		02/18/11 17:00	02/19/11 00:27	1
Toluene	ND		4.7		ug/Kg		02/18/11 17:00	02/19/11 00:27	1
Xylenes, Total	ND		9.5		ug/Kg		02/18/11 17:00	02/19/11 00:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		02/18/11 17:00	02/19/11 00:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	75		65 - 117	02/18/11 17:00	02/19/11 00:27	1
1,2-Dichloroethane-d4 (Surr)	113		73 - 140	02/18/11 17:00	02/19/11 00:27	1
Toluene-d8 (Surr)	87		84 - 116	02/18/11 17:00	02/19/11 00:27	1

Client Sample ID: C6-2
Date Collected: 02/18/11 12:55
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-10
Matrix: Solid

Method: 8270C SIM - PAHs by GCMS (SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Acenaphthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Acenaphthylene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Fluorene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Phenanthrene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Anthracene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Benzo[a]anthracene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Chrysene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Benzo[a]pyrene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Benzo[b]fluoranthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Benzo[k]fluoranthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Benzo[g,h,i]perylene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Indeno[1,2,3-cd]pyrene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Fluoranthene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Pyrene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10
Dibenz(a,h)anthracene	ND		50		ug/Kg		02/22/11 13:07	02/23/11 20:19	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*49*		*33 - 120*	*02/22/11 13:07*	*02/23/11 20:19*	*10*
Terphenyl-d14	*73*		*35 - 146*	*02/22/11 13:07*	*02/23/11 20:19*	*10*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**38**		3.0		mg/Kg		02/22/11 13:04	02/24/11 18:31	3
Motor Oil Range Organics [C24-C36]	**210**		150		mg/Kg		02/22/11 13:04	02/24/11 18:31	3

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*72*		*31 - 114*	*02/22/11 13:04*	*02/24/11 18:31*	*3*

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Dieldrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endrin aldehyde	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endrin	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endrin ketone	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Heptachlor	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
4,4'-DDT	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
4,4'-DDE	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
4,4'-DDD	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endosulfan I	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endosulfan II	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
alpha-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
beta-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
delta-BHC	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Methoxychlor	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Toxaphene	ND		40		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
Chlordane (technical)	ND		40		ug/Kg		02/18/11 20:54	02/22/11 17:13	1

Client Sample ID: C6-2
Date Collected: 02/18/11 12:55
Date Received: 02/18/11 14:05

Lab Sample ID: 720-33471-10
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlordane	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1
gamma-Chlordane	ND		2.0		ug/Kg		02/18/11 20:54	02/22/11 17:13	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*45 - 119*	*02/18/11 20:54*	*02/22/11 17:13*	*1*
DCB Decachlorobiphenyl	*91*		*27 - 136*	*02/18/11 20:54*	*02/22/11 17:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Arsenic	ND		4.1		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Barium	**120**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Beryllium	ND		0.41		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Cadmium	ND		0.51		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Chromium	**43**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Cobalt	**11**		0.82		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Copper	**22**		6.1		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Lead	**6.9**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Molybdenum	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Nickel	**110**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Selenium	ND		4.1		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Silver	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Thallium	ND		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Vanadium	**21**		2.0		mg/Kg		02/22/11 16:31	02/23/11 13:08	4
Zinc	**37**		6.1		mg/Kg		02/22/11 16:31	02/23/11 13:08	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.0095		mg/Kg		02/22/11 19:00	02/22/11 22:01	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-86550/4
Matrix: Water
Analysis Batch: 86550

Client Sample ID: MB 720-86550/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/22/11 11:09	1
Acetone	ND		50		ug/L			02/22/11 11:09	1
Benzene	ND		0.50		ug/L			02/22/11 11:09	1
Dichlorobromomethane	ND		0.50		ug/L			02/22/11 11:09	1
Bromobenzene	ND		1.0		ug/L			02/22/11 11:09	1
Chlorobromomethane	ND		1.0		ug/L			02/22/11 11:09	1
Bromoform	ND		1.0		ug/L			02/22/11 11:09	1
Bromomethane	ND		1.0		ug/L			02/22/11 11:09	1
2-Butanone (MEK)	ND		50		ug/L			02/22/11 11:09	1
n-Butylbenzene	ND		1.0		ug/L			02/22/11 11:09	1
sec-Butylbenzene	ND		1.0		ug/L			02/22/11 11:09	1
tert-Butylbenzene	ND		1.0		ug/L			02/22/11 11:09	1
Carbon disulfide	ND		5.0		ug/L			02/22/11 11:09	1
Carbon tetrachloride	ND		0.50		ug/L			02/22/11 11:09	1
Chlorobenzene	ND		0.50		ug/L			02/22/11 11:09	1
Chloroethane	ND		1.0		ug/L			02/22/11 11:09	1
Chloroform	ND		1.0		ug/L			02/22/11 11:09	1
Chloromethane	ND		1.0		ug/L			02/22/11 11:09	1
2-Chlorotoluene	ND		0.50		ug/L			02/22/11 11:09	1
4-Chlorotoluene	ND		0.50		ug/L			02/22/11 11:09	1
Chlorodibromomethane	ND		0.50		ug/L			02/22/11 11:09	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/22/11 11:09	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/22/11 11:09	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/22/11 11:09	1
1,3-Dichloropropane	ND		1.0		ug/L			02/22/11 11:09	1
1,1-Dichloropropene	ND		0.50		ug/L			02/22/11 11:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/22/11 11:09	1
Ethylene Dibromide	ND		0.50		ug/L			02/22/11 11:09	1
Dibromomethane	ND		0.50		ug/L			02/22/11 11:09	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/22/11 11:09	1
1,1-Dichloroethane	ND		0.50		ug/L			02/22/11 11:09	1
1,2-Dichloroethane	ND		0.50		ug/L			02/22/11 11:09	1
1,1-Dichloroethene	ND		0.50		ug/L			02/22/11 11:09	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 11:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/22/11 11:09	1
1,2-Dichloropropane	ND		0.50		ug/L			02/22/11 11:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 11:09	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/22/11 11:09	1
Ethylbenzene	ND		0.50		ug/L			02/22/11 11:09	1
Hexachlorobutadiene	ND		1.0		ug/L			02/22/11 11:09	1
2-Hexanone	ND		50		ug/L			02/22/11 11:09	1
Isopropylbenzene	ND		0.50		ug/L			02/22/11 11:09	1
4-Isopropyltoluene	ND		1.0		ug/L			02/22/11 11:09	1
Methylene Chloride	ND		5.0		ug/L			02/22/11 11:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/22/11 11:09	1
Naphthalene	ND		1.0		ug/L			02/22/11 11:09	1
N-Propylbenzene	ND		1.0		ug/L			02/22/11 11:09	1
Styrene	ND		0.50		ug/L			02/22/11 11:09	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 11:09	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86550/4
Matrix: Water
Analysis Batch: 86550

Client Sample ID: MB 720-86550/4
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/22/11 11:09	1
Tetrachloroethene	ND		0.50		ug/L			02/22/11 11:09	1
Toluene	ND		0.50		ug/L			02/22/11 11:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/22/11 11:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/22/11 11:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/22/11 11:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/22/11 11:09	1
Trichloroethene	ND		0.50		ug/L			02/22/11 11:09	1
Trichlorofluoromethane	ND		1.0		ug/L			02/22/11 11:09	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/22/11 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/22/11 11:09	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/22/11 11:09	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/22/11 11:09	1
Vinyl acetate	ND		10		ug/L			02/22/11 11:09	1
Vinyl chloride	ND		0.50		ug/L			02/22/11 11:09	1
m-Xylene & p-Xylene	ND		1.0		ug/L			02/22/11 11:09	1
o-Xylene	ND		0.50		ug/L			02/22/11 11:09	1
Xylenes, Total	ND		1.0		ug/L			02/22/11 11:09	1
2,2-Dichloropropane	ND		0.50		ug/L			02/22/11 11:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/22/11 11:09	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*02/22/11 11:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*67 - 130*		*02/22/11 11:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/22/11 11:09*	*1*

Lab Sample ID: LCS 720-86550/5
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCS 720-86550/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	25.7		ug/L		103	62 - 130
Acetone	125	85.3		ug/L		68	26 - 180
Benzene	25.0	26.6		ug/L		107	82 - 127
Dichlorobromomethane	25.0	27.2		ug/L		109	70 - 130
Bromobenzene	25.0	26.5		ug/L		106	79 - 127
Chlorobromomethane	25.0	27.2		ug/L		109	70 - 130
Bromoform	25.0	25.8		ug/L		103	68 - 136
Bromomethane	25.0	24.3		ug/L		97	43 - 151
2-Butanone (MEK)	125	112		ug/L		90	66 - 149
n-Butylbenzene	25.0	26.9		ug/L		108	79 - 142
sec-Butylbenzene	25.0	26.1		ug/L		104	81 - 134
tert-Butylbenzene	25.0	25.9		ug/L		104	82 - 135
Carbon disulfide	25.0	26.6		ug/L		106	68 - 137
Carbon tetrachloride	25.0	27.2		ug/L		109	77 - 146
Chlorobenzene	25.0	26.0		ug/L		104	70 - 130
Chloroethane	25.0	24.2		ug/L		97	62 - 138
Chloroform	25.0	26.4		ug/L		105	70 - 130
Chloromethane	25.0	20.9		ug/L		84	52 - 175

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86550/5
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCS 720-86550/5
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130
Chlorodibromomethane	25.0	27.5		ug/L		110	78 - 145
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	87 - 118
1,3-Dichloropropane	25.0	26.3		ug/L		105	82 - 128
1,1-Dichloropropene	25.0	27.1		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		96	72 - 136
Ethylene Dibromide	25.0	27.9		ug/L		112	70 - 130
Dibromomethane	25.0	26.3		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	15.6		ug/L		63	33 - 125
1,1-Dichloroethane	25.0	26.1		ug/L		104	70 - 130
1,2-Dichloroethane	25.0	25.7		ug/L		103	70 - 126
1,1-Dichloroethene	25.0	25.9		ug/L		104	64 - 128
cis-1,2-Dichloroethene	25.0	30.3		ug/L		121	70 - 130
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	75 - 131
1,2-Dichloropropane	25.0	25.9		ug/L		103	70 - 130
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	88 - 137
trans-1,3-Dichloropropene	25.0	28.1		ug/L		112	83 - 140
Ethylbenzene	25.0	26.7		ug/L		107	86 - 135
Hexachlorobutadiene	25.0	25.5		ug/L		102	70 - 130
2-Hexanone	125	111		ug/L		89	60 - 164
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130
4-Isopropyltoluene	25.0	26.4		ug/L		106	70 - 130
Methylene Chloride	25.0	25.5		ug/L		102	73 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	63 - 165
Naphthalene	25.0	24.8		ug/L		99	78 - 135
N-Propylbenzene	25.0	25.4		ug/L		101	70 - 130
Styrene	25.0	27.2		ug/L		109	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.1		ug/L		96	70 - 130
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130
Toluene	25.0	27.1		ug/L		108	83 - 129
1,2,3-Trichlorobenzene	25.0	26.6		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	70 - 130
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	82 - 128
Trichloroethene	25.0	26.7		ug/L		107	70 - 130
Trichlorofluoromethane	25.0	25.4		ug/L		102	74 - 146
1,2,3-Trichloropropane	25.0	25.1		ug/L		101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.9		ug/L		107	42 - 162
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 130
Vinyl acetate	25.0	28.1		ug/L		112	43 - 163
Vinyl chloride	25.0	21.8		ug/L		87	65 - 156
m-Xylene & p-Xylene	50.0	54.0		ug/L		108	70 - 142
o-Xylene	25.0	26.7		ug/L		107	89 - 136
2,2-Dichloropropane	25.0	30.1		ug/L		120	70 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86550/5
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCS 720-86550/5
Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-86550/7
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCS 720-86550/7
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	480		ug/L		96	62 - 117		

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-86550/6
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCSD 720-86550/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	26.6		ug/L		106	62 - 130	4	20
Acetone			125	97.9		ug/L		78	26 - 180	14	30
Benzene			25.0	26.6		ug/L		106	82 - 127	0	20
Dichlorobromomethane			25.0	27.2		ug/L		109	70 - 130	0	20
Bromobenzene			25.0	26.5		ug/L		106	79 - 127	0	20
Chlorobromomethane			25.0	27.2		ug/L		109	70 - 130	0	20
Bromoform			25.0	26.6		ug/L		106	68 - 136	3	20
Bromomethane			25.0	24.5		ug/L		98	43 - 151	1	20
2-Butanone (MEK)			125	126		ug/L		101	66 - 149	12	20
n-Butylbenzene			25.0	27.5		ug/L		110	79 - 142	2	20
sec-Butylbenzene			25.0	26.5		ug/L		106	81 - 134	1	20
tert-Butylbenzene			25.0	26.3		ug/L		105	82 - 135	1	20
Carbon disulfide			25.0	26.9		ug/L		107	68 - 137	1	20
Carbon tetrachloride			25.0	27.5		ug/L		110	77 - 146	1	20
Chlorobenzene			25.0	26.1		ug/L		104	70 - 130	1	20
Chloroethane			25.0	24.5		ug/L		98	62 - 138	1	20
Chloroform			25.0	26.2		ug/L		105	70 - 130	1	20
Chloromethane			25.0	21.2		ug/L		85	52 - 175	1	20
2-Chlorotoluene			25.0	26.4		ug/L		105	70 - 130	0	20
4-Chlorotoluene			25.0	25.6		ug/L		102	70 - 130	1	20
Chlorodibromomethane			25.0	27.8		ug/L		111	78 - 145	1	20
1,2-Dichlorobenzene			25.0	25.4		ug/L		102	70 - 130	1	20
1,3-Dichlorobenzene			25.0	25.9		ug/L		104	70 - 130	1	20
1,4-Dichlorobenzene			25.0	25.6		ug/L		102	87 - 118	2	20
1,3-Dichloropropane			25.0	26.6		ug/L		107	82 - 128	1	20
1,1-Dichloropropene			25.0	27.2		ug/L		109	70 - 130	0	20
1,2-Dibromo-3-Chloropropane			25.0	27.3		ug/L		109	72 - 136	13	20
Ethylene Dibromide			25.0	28.6		ug/L		114	70 - 130	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86550/6
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCSD 720-86550/6
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dibromomethane			25.0	26.8		ug/L		107	70 - 130	2	20
Dichlorodifluoromethane			25.0	16.0		ug/L		64	33 - 125	2	20
1,1-Dichloroethane			25.0	26.0		ug/L		104	70 - 130	0	20
1,2-Dichloroethane			25.0	25.8		ug/L		103	70 - 126	0	20
1,1-Dichloroethene			25.0	26.2		ug/L		105	64 - 128	1	20
cis-1,2-Dichloroethene			25.0	30.2		ug/L		121	70 - 130	0	20
trans-1,2-Dichloroethene			25.0	23.3		ug/L		93	75 - 131	1	20
1,2-Dichloropropane			25.0	25.9		ug/L		103	70 - 130	0	20
cis-1,3-Dichloropropene			25.0	27.2		ug/L		109	88 - 137	1	20
trans-1,3-Dichloropropene			25.0	28.5		ug/L		114	83 - 140	2	20
Ethylbenzene			25.0	26.8		ug/L		107	86 - 135	0	20
Hexachlorobutadiene			25.0	26.4		ug/L		106	70 - 130	3	20
2-Hexanone			125	126		ug/L		101	60 - 164	13	20
Isopropylbenzene			25.0	27.5		ug/L		110	70 - 130	1	20
4-Isopropyltoluene			25.0	26.8		ug/L		107	70 - 130	1	20
Methylene Chloride			25.0	25.4		ug/L		102	73 - 147	0	20
4-Methyl-2-pentanone (MIBK)			125	131		ug/L		105	63 - 165	10	20
Naphthalene			25.0	27.1		ug/L		109	78 - 135	9	20
N-Propylbenzene			25.0	25.5		ug/L		102	70 - 130	1	20
Styrene			25.0	27.3		ug/L		109	70 - 130	0	20
1,1,1,2-Tetrachloroethane			25.0	26.9		ug/L		108	70 - 130	0	20
1,1,2,2-Tetrachloroethane			25.0	25.2		ug/L		101	70 - 130	4	20
Tetrachloroethene			25.0	27.3		ug/L		109	70 - 130	2	20
Toluene			25.0	27.3		ug/L		109	83 - 129	1	20
1,2,3-Trichlorobenzene			25.0	27.5		ug/L		110	70 - 130	4	20
1,2,4-Trichlorobenzene			25.0	26.7		ug/L		107	70 - 130	3	20
1,1,1-Trichloroethane			25.0	27.4		ug/L		110	70 - 130	0	20
1,1,2-Trichloroethane			25.0	25.7		ug/L		103	82 - 128	1	20
Trichloroethene			25.0	26.8		ug/L		107	70 - 130	0	20
Trichlorofluoromethane			25.0	25.5		ug/L		102	74 - 146	0	20
1,2,3-Trichloropropane			25.0	26.4		ug/L		105	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	27.2		ug/L		109	42 - 162	1	20
1,2,4-Trimethylbenzene			25.0	25.7		ug/L		103	70 - 132	1	20
1,3,5-Trimethylbenzene			25.0	26.6		ug/L		107	70 - 130	0	20
Vinyl acetate			25.0	29.7		ug/L		119	43 - 163	6	20
Vinyl chloride			25.0	22.0		ug/L		88	65 - 156	1	20
m-Xylene & p-Xylene			50.0	54.6		ug/L		109	70 - 142	1	20
o-Xylene			25.0	26.8		ug/L		107	89 - 136	1	20
2,2-Dichloropropane			25.0	30.5		ug/L		122	70 - 140	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*67 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86550/8
Matrix: Water
Analysis Batch: 86550

Client Sample ID: LCSD 720-86550/8
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	481		ug/L		96	62 - 117	0	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-33463-A-10 MS
Matrix: Water
Analysis Batch: 86550

Client Sample ID: 720-33463-A-10 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	ND		25.0	30.6		ug/L		121	60 - 138
Acetone	ND		125	88.5		ug/L		71	60 - 140
Benzene	ND		25.0	28.8		ug/L		115	60 - 140
Dichlorobromomethane	ND		25.0	30.6		ug/L		122	60 - 140
Bromobenzene	ND		25.0	28.3		ug/L		113	60 - 140
Chlorobromomethane	ND		25.0	30.9		ug/L		124	60 - 140
Bromoform	ND		25.0	28.6		ug/L		114	56 - 140
Bromomethane	ND		25.0	25.1		ug/L		100	23 - 140
2-Butanone (MEK)	ND		125	128		ug/L		102	60 - 140
n-Butylbenzene	ND		25.0	27.1		ug/L		109	60 - 140
sec-Butylbenzene	ND		25.0	26.2		ug/L		105	60 - 140
tert-Butylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
Carbon disulfide	ND		25.0	27.5		ug/L		110	38 - 140
Carbon tetrachloride	ND		25.0	27.9		ug/L		112	60 - 140
Chlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140
Chloroethane	ND		25.0	25.1		ug/L		100	51 - 140
Chloroform	ND		25.0	28.8		ug/L		115	60 - 140
Chloromethane	ND		25.0	22.1		ug/L		88	52 - 140
2-Chlorotoluene	ND		25.0	27.2		ug/L		109	60 - 140
4-Chlorotoluene	ND		25.0	26.4		ug/L		106	60 - 140
Chlorodibromomethane	ND		25.0	31.4		ug/L		126	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140
1,3-Dichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140
1,4-Dichlorobenzene	ND		25.0	26.7		ug/L		107	60 - 140
1,3-Dichloropropane	ND		25.0	30.4		ug/L		122	60 - 140
1,1-Dichloropropene	ND		25.0	28.2		ug/L		113	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	27.4		ug/L		110	60 - 140
Ethylene Dibromide	ND		25.0	32.5		ug/L		130	60 - 140
Dibromomethane	ND		25.0	30.2		ug/L		121	60 - 140
Dichlorodifluoromethane	ND		25.0	17.5		ug/L		70	38 - 140
1,1-Dichloroethane	ND		25.0	28.2		ug/L		113	60 - 140
1,2-Dichloroethane	ND		25.0	29.1		ug/L		116	60 - 140
1,1-Dichloroethene	ND		25.0	27.0		ug/L		108	60 - 140
cis-1,2-Dichloroethene	ND		25.0	33.4		ug/L		133	60 - 140
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		99	60 - 140
1,2-Dichloropropane	ND		25.0	28.6		ug/L		114	60 - 140
cis-1,3-Dichloropropene	ND		25.0	30.5		ug/L		122	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33463-A-10 MS
Matrix: Water
Analysis Batch: 86550

Client Sample ID: 720-33463-A-10 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	ND		25.0	31.7		ug/L		127	60 - 140
Ethylbenzene	ND		25.0	27.5		ug/L		110	60 - 140
Hexachlorobutadiene	ND		25.0	25.5		ug/L		102	60 - 140
2-Hexanone	ND		125	133		ug/L		106	60 - 140
Isopropylbenzene	ND		25.0	27.7		ug/L		111	60 - 140
4-Isopropyltoluene	ND		25.0	26.5		ug/L		106	60 - 140
Methylene Chloride	ND		25.0	28.2		ug/L		113	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	145		ug/L		116	60 - 140
Naphthalene	ND		25.0	28.0		ug/L		112	56 - 140
N-Propylbenzene	ND		25.0	25.6		ug/L		102	60 - 140
Styrene	ND		25.0	28.4		ug/L		114	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	29.0		ug/L		116	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	27.3		ug/L		109	60 - 140
Tetrachloroethene	16		25.0	44.4		ug/L		113	60 - 140
Toluene	ND		25.0	28.4		ug/L		112	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	28.8		ug/L		115	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140
1,1,1-Trichloroethane	ND		25.0	28.3		ug/L		113	60 - 140
1,1,2-Trichloroethane	ND		25.0	29.2		ug/L		117	60 - 140
Trichloroethene	ND		25.0	28.4		ug/L		113	60 - 140
Trichlorofluoromethane	ND		25.0	25.2		ug/L		101	60 - 140
1,2,3-Trichloropropane	ND		25.0	28.2		ug/L		113	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.7		ug/L		111	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.9		ug/L		108	60 - 140
Vinyl acetate	ND		25.0	32.1		ug/L		128	40 - 140
Vinyl chloride	ND		25.0	22.5		ug/L		90	58 - 140
m-Xylene & p-Xylene	ND		50.0	56.2		ug/L		112	60 - 140
o-Xylene	ND		25.0	28.2		ug/L		112	60 - 140
2,2-Dichloropropane	ND		25.0	30.4		ug/L		122	60 - 140

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 720-33463-A-10 MSD
Matrix: Water
Analysis Batch: 86550

Client Sample ID: 720-33463-A-10 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		110	60 - 138	10	20
Acetone	ND		125	78.8		ug/L		63	60 - 140	12	20
Benzene	ND		25.0	27.1		ug/L		108	60 - 140	6	20
Dichlorobromomethane	ND		25.0	28.2		ug/L		113	60 - 140	8	20
Bromobenzene	ND		25.0	26.3		ug/L		105	60 - 140	7	20
Chlorobromomethane	ND		25.0	28.2		ug/L		113	60 - 140	9	20
Bromoform	ND		25.0	26.3		ug/L		105	56 - 140	8	20
Bromomethane	ND		25.0	23.1		ug/L		92	23 - 140	8	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33463-A-10 MSD
Matrix: Water
Analysis Batch: 86550

Client Sample ID: 720-33463-A-10 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		125	113		ug/L		91	60 - 140	12	20
n-Butylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	4	20
sec-Butylbenzene	ND		25.0	25.1		ug/L		101	60 - 140	4	20
tert-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	5	20
Carbon disulfide	ND		25.0	26.2		ug/L		105	38 - 140	5	20
Carbon tetrachloride	ND		25.0	26.7		ug/L		107	60 - 140	4	20
Chlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140	6	20
Chloroethane	ND		25.0	22.9		ug/L		91	51 - 140	9	20
Chloroform	ND		25.0	27.0		ug/L		108	60 - 140	6	20
Chloromethane	ND		25.0	19.7		ug/L		79	52 - 140	11	20
2-Chlorotoluene	ND		25.0	25.7		ug/L		103	60 - 140	6	20
4-Chlorotoluene	ND		25.0	24.9		ug/L		99	60 - 140	6	20
Chlorodibromomethane	ND		25.0	29.1		ug/L		116	60 - 140	8	20
1,2-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140	6	20
1,3-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	6	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	6	20
1,3-Dichloropropane	ND		25.0	27.7		ug/L		111	60 - 140	9	20
1,1-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140	5	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.5		ug/L		98	60 - 140	11	20
Ethylene Dibromide	ND		25.0	29.9		ug/L		119	60 - 140	8	20
Dibromomethane	ND		25.0	27.9		ug/L		112	60 - 140	8	20
Dichlorodifluoromethane	ND		25.0	15.0		ug/L		60	38 - 140	15	20
1,1-Dichloroethane	ND		25.0	26.6		ug/L		106	60 - 140	6	20
1,2-Dichloroethane	ND		25.0	27.0		ug/L		108	60 - 140	8	20
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	60 - 140	6	20
cis-1,2-Dichloroethene	ND		25.0	31.3		ug/L		124	60 - 140	7	20
trans-1,2-Dichloroethene	ND		25.0	23.4		ug/L		94	60 - 140	5	20
1,2-Dichloropropane	ND		25.0	26.8		ug/L		107	60 - 140	7	20
cis-1,3-Dichloropropene	ND		25.0	28.3		ug/L		113	60 - 140	7	20
trans-1,3-Dichloropropene	ND		25.0	29.5		ug/L		118	60 - 140	7	20
Ethylbenzene	ND		25.0	26.2		ug/L		105	60 - 140	5	20
Hexachlorobutadiene	ND		25.0	24.7		ug/L		99	60 - 140	3	20
2-Hexanone	ND		125	118		ug/L		94	60 - 140	12	20
Isopropylbenzene	ND		25.0	26.6		ug/L		107	60 - 140	4	20
4-Isopropyltoluene	ND		25.0	25.5		ug/L		102	60 - 140	4	20
Methylene Chloride	ND		25.0	26.4		ug/L		105	40 - 140	7	20
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	60 - 140	12	20
Naphthalene	ND		25.0	25.7		ug/L		103	56 - 140	9	20
N-Propylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
Styrene	ND		25.0	26.6		ug/L		106	60 - 140	7	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.1		ug/L		108	60 - 140	7	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		98	60 - 140	11	20
Tetrachloroethene	16		25.0	42.8		ug/L		106	60 - 140	4	20
Toluene	ND		25.0	26.9		ug/L		106	60 - 140	5	20
1,2,3-Trichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140	6	20
1,2,4-Trichlorobenzene	ND		25.0	26.4		ug/L		106	60 - 140	6	20
1,1,1-Trichloroethane	ND		25.0	27.0		ug/L		108	60 - 140	5	20
1,1,2-Trichloroethane	ND		25.0	26.9		ug/L		108	60 - 140	8	20
Trichloroethene	ND		25.0	26.8		ug/L		107	60 - 140	6	20
Trichlorofluoromethane	ND		25.0	23.4		ug/L		93	60 - 140	7	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33463-A-10 MSD
Matrix: Water
Analysis Batch: 86550

Client Sample ID: 720-33463-A-10 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		25.0	25.2		ug/L		101	60 - 140	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.3		ug/L		105	60 - 140	5	20
1,2,4-Trimethylbenzene	ND		25.0	24.7		ug/L		99	60 - 140	6	20
1,3,5-Trimethylbenzene	ND		25.0	25.5		ug/L		102	60 - 140	5	20
Vinyl acetate	ND		25.0	28.5		ug/L		114	40 - 140	12	20
Vinyl chloride	ND		25.0	20.6		ug/L		82	58 - 140	9	20
m-Xylene & p-Xylene	ND		50.0	53.3		ug/L		106	60 - 140	5	20
o-Xylene	ND		25.0	26.5		ug/L		106	60 - 140	6	20
2,2-Dichloropropane	ND		25.0	29.1		ug/L		116	60 - 140	4	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-86562/1-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: MB 720-86562/1-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Ethylbenzene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Toluene	ND		5.0		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Xylenes, Total	ND		10		ug/Kg		02/18/11 17:00	02/18/11 18:21	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/18/11 17:00	02/18/11 18:21	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*86*		*65 - 117*	*02/18/11 17:00*	*02/18/11 18:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 140*	*02/18/11 17:00*	*02/18/11 18:21*	*1*
Toluene-d8 (Surr)	*92*		*84 - 116*	*02/18/11 17:00*	*02/18/11 18:21*	*1*

Lab Sample ID: LCS 720-86562/2-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCS 720-86562/2-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Benzene			50.0	51.2		ug/Kg		102	82 - 124
Ethylbenzene			50.0	52.0		ug/Kg		104	80 - 137
Toluene			50.0	51.2		ug/Kg		102	83 - 128

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 140*
Toluene-d8 (Surr)	*98*		*84 - 116*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86562/4-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCS 720-86562/4-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			1000	916		ug/Kg		92	68 - 115		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Lab Sample ID: LCSD 720-86562/3-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCSD 720-86562/3-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Benzene			50.0	51.2		ug/Kg		102	82 - 124	0	20
Ethylbenzene			50.0	51.6		ug/Kg		103	80 - 137	1	20
Toluene			50.0	51.5		ug/Kg		103	83 - 128	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 140*
Toluene-d8 (Surr)	*98*		*84 - 116*

Lab Sample ID: LCSD 720-86562/5-A
Matrix: Solid
Analysis Batch: 86515

Client Sample ID: LCSD 720-86562/5-A
Prep Type: Total/NA
Prep Batch: 86562

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	947		ug/Kg		95	68 - 115	3	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*65 - 117*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 140*
Toluene-d8 (Surr)	*101*		*84 - 116*

Lab Sample ID: MB 720-86666/1-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: MB 720-86666/1-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Acetone	ND		50		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Benzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Dichlorobromomethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Bromobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chlorobromomethane	ND		20		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Bromoform	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Bromomethane	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
2-Butanone (MEK)	ND		50		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
n-Butylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86666/1-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: MB 720-86666/1-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
tert-Butylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Carbon disulfide	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Carbon tetrachloride	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chloroethane	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chloroform	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chloromethane	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
2-Chlorotoluene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
4-Chlorotoluene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Chlorodibromomethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,3-Dichloropropane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1-Dichloropropene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Ethylene Dibromide	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Dibromomethane	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Dichlorodifluoromethane	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1-Dichloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2-Dichloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1-Dichloroethene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2-Dichloropropane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Ethylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Hexachlorobutadiene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
2-Hexanone	ND		50		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Isopropylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
4-Isopropyltoluene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Methylene Chloride	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Naphthalene	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
N-Propylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Styrene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Tetrachloroethene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Toluene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Trichloroethene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Trichlorofluoromethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-86666/1-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: MB 720-86666/1-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Vinyl acetate	ND		50		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Vinyl chloride	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
o-Xylene	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Xylenes, Total	ND		10		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
2,2-Dichloropropane	ND		5.0		ug/Kg		02/23/11 07:00	02/23/11 09:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		02/23/11 07:00	02/23/11 09:14	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*45 - 131*	*02/23/11 07:00*	*02/23/11 09:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 140*	*02/23/11 07:00*	*02/23/11 09:14*	*1*
Toluene-d8 (Surr)	*99*		*58 - 140*	*02/23/11 07:00*	*02/23/11 09:14*	*1*

Lab Sample ID: LCS 720-86666/2-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCS 720-86666/2-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50.0	55.9		ug/Kg		112	71 - 144
Acetone	250	185		ug/Kg		74	30 - 162
Benzene	50.0	49.7		ug/Kg		99	82 - 124
Dichlorobromomethane	50.0	60.4		ug/Kg		121	86 - 131
Bromobenzene	50.0	51.9		ug/Kg		104	86 - 112
Chlorobromomethane	50.0	51.6		ug/Kg		103	81 - 116
Bromoform	50.0	57.3		ug/Kg		115	59 - 158
Bromomethane	50.0	52.7		ug/Kg		105	59 - 132
2-Butanone (MEK)	250	214		ug/Kg		85	61 - 150
n-Butylbenzene	50.0	54.1		ug/Kg		108	80 - 142
sec-Butylbenzene	50.0	50.6		ug/Kg		101	85 - 136
tert-Butylbenzene	50.0	53.6		ug/Kg		107	71 - 130
Carbon disulfide	50.0	45.6		ug/Kg		91	60 - 136
Carbon tetrachloride	50.0	55.2		ug/Kg		110	81 - 138
Chlorobenzene	50.0	52.4		ug/Kg		105	87 - 113
Chloroethane	50.0	53.3		ug/Kg		107	69 - 141
Chloroform	50.0	53.9		ug/Kg		108	77 - 127
Chloromethane	50.0	47.0		ug/Kg		94	60 - 149
2-Chlorotoluene	50.0	54.3		ug/Kg		109	80 - 138
4-Chlorotoluene	50.0	53.6		ug/Kg		107	79 - 136
Chlorodibromomethane	50.0	60.0		ug/Kg		120	75 - 146
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	84 - 130
1,3-Dichlorobenzene	50.0	52.3		ug/Kg		105	84 - 131
1,4-Dichlorobenzene	50.0	50.6		ug/Kg		101	85 - 125
1,3-Dichloropropane	50.0	53.3		ug/Kg		107	79 - 140
1,1-Dichloropropene	50.0	51.1		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	54.7		ug/Kg		109	68 - 145
Ethylene Dibromide	50.0	55.0		ug/Kg		110	79 - 140
Dibromomethane	50.0	54.6		ug/Kg		109	80 - 139

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86666/2-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCS 720-86666/2-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Dichlorodifluoromethane	50.0	39.9		ug/Kg		80	37 - 158
1,1-Dichloroethane	50.0	50.6		ug/Kg		101	85 - 124
1,2-Dichloroethane	50.0	56.0		ug/Kg		112	72 - 130
1,1-Dichloroethene	50.0	46.6		ug/Kg		93	84 - 120
cis-1,2-Dichloroethene	50.0	58.1		ug/Kg		116	87 - 138
trans-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	72 - 116
1,2-Dichloropropane	50.0	49.5		ug/Kg		99	73 - 127
cis-1,3-Dichloropropene	50.0	58.1		ug/Kg		116	68 - 147
trans-1,3-Dichloropropene	50.0	62.4		ug/Kg		125	84 - 136
Ethylbenzene	50.0	51.9		ug/Kg		104	80 - 137
Hexachlorobutadiene	50.0	51.4		ug/Kg		103	72 - 132
2-Hexanone	250	237		ug/Kg		95	60 - 161
Isopropylbenzene	50.0	54.9		ug/Kg		110	88 - 128
4-Isopropyltoluene	50.0	52.6		ug/Kg		105	85 - 133
Methylene Chloride	50.0	47.6		ug/Kg		95	72 - 134
4-Methyl-2-pentanone (MIBK)	250	256		ug/Kg		102	69 - 160
Naphthalene	50.0	54.9		ug/Kg		110	70 - 147
N-Propylbenzene	50.0	50.4		ug/Kg		101	72 - 125
Styrene	50.0	57.7		ug/Kg		115	89 - 126
1,1,1,2-Tetrachloroethane	50.0	57.1		ug/Kg		114	90 - 130
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/Kg		97	82 - 146
Tetrachloroethene	50.0	52.1		ug/Kg		104	78 - 132
Toluene	50.0	50.5		ug/Kg		101	83 - 128
1,2,3-Trichlorobenzene	50.0	55.2		ug/Kg		110	74 - 136
1,2,4-Trichlorobenzene	50.0	54.7		ug/Kg		109	70 - 131
1,1,1-Trichloroethane	50.0	56.7		ug/Kg		113	80 - 127
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	82 - 125
Trichloroethene	50.0	52.1		ug/Kg		104	81 - 133
Trichlorofluoromethane	50.0	53.3		ug/Kg		107	71 - 139
1,2,3-Trichloropropane	50.0	51.6		ug/Kg		103	76 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.2		ug/Kg		96	70 - 130
1,2,4-Trimethylbenzene	50.0	56.3		ug/Kg		113	84 - 130
1,3,5-Trimethylbenzene	50.0	53.9		ug/Kg		108	82 - 131
Vinyl acetate	50.0	56.6		ug/Kg		113	38 - 176
Vinyl chloride	50.0	51.3		ug/Kg		103	63 - 140
m-Xylene & p-Xylene	100	107		ug/Kg		107	79 - 146
o-Xylene	50.0	55.4		ug/Kg		111	84 - 140
2,2-Dichloropropane	50.0	55.5		ug/Kg		111	73 - 162

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*113*		*60 - 140*
Toluene-d8 (Surr)	*102*		*58 - 140*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-86666/4-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCS 720-86666/4-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			1000	969		ug/Kg		97	61 - 128		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*114*		*60 - 140*
Toluene-d8 (Surr)	*102*		*58 - 140*

Lab Sample ID: LCSD 720-86666/3-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCSD 720-86666/3-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			50.0	56.2		ug/Kg		112	71 - 144	1	20
Acetone			250	184		ug/Kg		74	30 - 162	1	30
Benzene			50.0	50.2		ug/Kg		100	82 - 124	1	20
Dichlorobromomethane			50.0	59.6		ug/Kg		119	86 - 131	1	20
Bromobenzene			50.0	52.7		ug/Kg		105	86 - 112	2	20
Chlorobromomethane			50.0	52.2		ug/Kg		104	81 - 116	1	20
Bromoform			50.0	58.1		ug/Kg		116	59 - 158	1	20
Bromomethane			50.0	54.0		ug/Kg		108	59 - 132	2	20
2-Butanone (MEK)			250	215		ug/Kg		86	61 - 150	1	20
n-Butylbenzene			50.0	55.7		ug/Kg		111	80 - 142	3	20
sec-Butylbenzene			50.0	52.4		ug/Kg		105	85 - 136	3	20
tert-Butylbenzene			50.0	55.4		ug/Kg		111	71 - 130	3	20
Carbon disulfide			50.0	47.4		ug/Kg		95	60 - 136	4	20
Carbon tetrachloride			50.0	56.5		ug/Kg		113	81 - 138	2	20
Chlorobenzene			50.0	52.5		ug/Kg		105	87 - 113	0	20
Chloroethane			50.0	55.0		ug/Kg		110	69 - 141	3	20
Chloroform			50.0	54.3		ug/Kg		109	77 - 127	1	20
Chloromethane			50.0	48.2		ug/Kg		96	60 - 149	3	20
2-Chlorotoluene			50.0	55.0		ug/Kg		110	80 - 138	1	20
4-Chlorotoluene			50.0	55.1		ug/Kg		110	79 - 136	3	20
Chlorodibromomethane			50.0	59.9		ug/Kg		120	75 - 146	0	20
1,2-Dichlorobenzene			50.0	53.3		ug/Kg		107	84 - 130	1	20
1,3-Dichlorobenzene			50.0	53.5		ug/Kg		107	84 - 131	2	20
1,4-Dichlorobenzene			50.0	51.2		ug/Kg		102	85 - 125	1	20
1,3-Dichloropropane			50.0	52.9		ug/Kg		106	79 - 140	1	20
1,1-Dichloropropene			50.0	52.2		ug/Kg		104	70 - 130	2	20
1,2-Dibromo-3-Chloropropane			50.0	56.8		ug/Kg		114	68 - 145	4	20
Ethylene Dibromide			50.0	55.3		ug/Kg		111	79 - 140	1	20
Dibromomethane			50.0	54.7		ug/Kg		109	80 - 139	0	20
Dichlorodifluoromethane			50.0	40.6		ug/Kg		81	37 - 158	2	20
1,1-Dichloroethane			50.0	50.7		ug/Kg		101	85 - 124	0	20
1,2-Dichloroethane			50.0	55.3		ug/Kg		111	72 - 130	1	20
1,1-Dichloroethene			50.0	48.2		ug/Kg		96	84 - 120	3	20
cis-1,2-Dichloroethene			50.0	58.1		ug/Kg		116	87 - 138	0	20
trans-1,2-Dichloroethene			50.0	45.3		ug/Kg		91	72 - 116	3	20
1,2-Dichloropropane			50.0	49.2		ug/Kg		98	73 - 127	1	20
cis-1,3-Dichloropropene			50.0	57.5		ug/Kg		115	68 - 147	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-86666/3-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCSD 720-86666/3-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			50.0	62.1		ug/Kg		124	84 - 136	1	20
Ethylbenzene			50.0	52.6		ug/Kg		105	80 - 137	1	20
Hexachlorobutadiene			50.0	52.4		ug/Kg		105	72 - 132	2	20
2-Hexanone			250	240		ug/Kg		96	60 - 161	1	20
Isopropylbenzene			50.0	55.7		ug/Kg		111	88 - 128	1	20
4-Isopropyltoluene			50.0	54.2		ug/Kg		108	85 - 133	3	20
Methylene Chloride			50.0	47.8		ug/Kg		96	72 - 134	1	20
4-Methyl-2-pentanone (MIBK)			250	264		ug/Kg		105	69 - 160	3	20
Naphthalene			50.0	56.6		ug/Kg		113	70 - 147	3	20
N-Propylbenzene			50.0	51.8		ug/Kg		104	72 - 125	3	20
Styrene			50.0	58.1		ug/Kg		116	89 - 126	1	20
1,1,1,2-Tetrachloroethane			50.0	57.2		ug/Kg		114	90 - 130	0	20
1,1,2,2-Tetrachloroethane			50.0	50.1		ug/Kg		100	82 - 146	4	20
Tetrachloroethene			50.0	52.4		ug/Kg		105	78 - 132	1	20
Toluene			50.0	51.0		ug/Kg		102	83 - 128	1	20
1,2,3-Trichlorobenzene			50.0	55.9		ug/Kg		112	74 - 136	1	20
1,2,4-Trichlorobenzene			50.0	55.5		ug/Kg		111	70 - 131	1	20
1,1,1-Trichloroethane			50.0	57.8		ug/Kg		116	80 - 127	2	20
1,1,2-Trichloroethane			50.0	52.1		ug/Kg		104	82 - 125	0	20
Trichloroethene			50.0	52.6		ug/Kg		105	81 - 133	1	20
Trichlorofluoromethane			50.0	53.7		ug/Kg		107	71 - 139	1	20
1,2,3-Trichloropropane			50.0	52.8		ug/Kg		106	76 - 146	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	49.9		ug/Kg		100	70 - 130	4	20
1,2,4-Trimethylbenzene			50.0	57.4		ug/Kg		115	84 - 130	2	20
1,3,5-Trimethylbenzene			50.0	56.0		ug/Kg		112	82 - 131	4	20
Vinyl acetate			50.0	58.2		ug/Kg		116	38 - 176	3	20
Vinyl chloride			50.0	52.3		ug/Kg		105	63 - 140	2	20
m-Xylene & p-Xylene			100	108		ug/Kg		108	79 - 146	1	20
o-Xylene			50.0	55.7		ug/Kg		111	84 - 140	1	20
2,2-Dichloropropane			50.0	56.7		ug/Kg		113	73 - 162	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*111*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: LCSD 720-86666/5-A
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: LCSD 720-86666/5-A
Prep Type: Total/NA
Prep Batch: 86666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			1000	987		ug/Kg		99	61 - 128	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*118*		*60 - 140*
Toluene-d8 (Surr)	*102*		*58 - 140*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33511-A-6-B MS
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: 720-33511-A-6-B MS
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	ND		47.5	55.6		ug/Kg		117	69 - 130
Acetone	ND		238	164		ug/Kg		69	37 - 150
Benzene	ND		47.5	51.2		ug/Kg		108	70 - 130
Dichlorobromomethane	ND		47.5	58.9		ug/Kg		124	64 - 135
Bromobenzene	ND		47.5	52.3		ug/Kg		110	70 - 130
Chlorobromomethane	ND		47.5	52.1		ug/Kg		110	65 - 130
Bromoform	ND		47.5	44.7		ug/Kg		94	58 - 132
Bromomethane	ND		47.5	53.5		ug/Kg		113	56 - 130
2-Butanone (MEK)	ND		238	206		ug/Kg		87	41 - 150
n-Butylbenzene	ND		47.5	55.3		ug/Kg		116	60 - 145
sec-Butylbenzene	ND		47.5	53.0		ug/Kg		112	64 - 137
tert-Butylbenzene	ND		47.5	56.1		ug/Kg		118	63 - 134
Carbon disulfide	ND		47.5	48.6		ug/Kg		102	10 - 150
Carbon tetrachloride	ND		47.5	60.1		ug/Kg		126	54 - 130
Chlorobenzene	ND		47.5	52.7		ug/Kg		111	70 - 130
Chloroethane	ND		47.5	55.3		ug/Kg		116	61 - 130
Chloroform	ND		47.5	56.6		ug/Kg		119	67 - 130
Chloromethane	ND		47.5	48.4		ug/Kg		102	50 - 131
2-Chlorotoluene	ND		47.5	55.2		ug/Kg		116	70 - 130
4-Chlorotoluene	ND		47.5	55.1		ug/Kg		116	70 - 130
Chlorodibromomethane	ND		47.5	53.2		ug/Kg		112	60 - 141
1,2-Dichlorobenzene	ND		47.5	52.0		ug/Kg		109	70 - 130
1,3-Dichlorobenzene	ND		47.5	53.1		ug/Kg		112	70 - 130
1,4-Dichlorobenzene	ND		47.5	50.5		ug/Kg		106	70 - 130
1,3-Dichloropropane	ND		47.5	52.0		ug/Kg		109	70 - 130
1,1-Dichloropropene	ND		47.5	54.3		ug/Kg		114	67 - 130
1,2-Dibromo-3-Chloropropane	ND		47.5	50.0		ug/Kg		105	57 - 130
Ethylene Dibromide	ND		47.5	54.2		ug/Kg		114	66 - 135
Dibromomethane	ND		47.5	54.7		ug/Kg		115	65 - 131
Dichlorodifluoromethane	ND		47.5	39.8		ug/Kg		84	38 - 130
1,1-Dichloroethane	ND		47.5	53.1		ug/Kg		112	67 - 130
1,2-Dichloroethane	ND		47.5	56.6		ug/Kg		119	70 - 130
1,1-Dichloroethene	ND		47.5	50.3		ug/Kg		106	64 - 130
cis-1,2-Dichloroethene	ND		47.5	60.6		ug/Kg		127	68 - 131
trans-1,2-Dichloroethene	ND		47.5	46.6		ug/Kg		98	70 - 130
1,2-Dichloropropane	ND		47.5	49.5		ug/Kg		104	65 - 133
cis-1,3-Dichloropropene	ND		47.5	55.4		ug/Kg		116	46 - 139
trans-1,3-Dichloropropene	ND		47.5	59.0		ug/Kg		124	55 - 131
Ethylbenzene	ND		47.5	53.5		ug/Kg		113	65 - 130
Hexachlorobutadiene	ND		47.5	51.3		ug/Kg		108	58 - 132
2-Hexanone	ND		238	234		ug/Kg		98	44 - 150
Isopropylbenzene	ND		47.5	57.0		ug/Kg		120	65 - 130
4-Isopropyltoluene	ND		47.5	54.3		ug/Kg		114	69 - 134
Methylene Chloride	ND		47.5	48.6		ug/Kg		102	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		238	257		ug/Kg		108	51 - 140
Naphthalene	ND		47.5	49.5		ug/Kg		104	45 - 146
N-Propylbenzene	ND		47.5	52.5		ug/Kg		110	70 - 130
Styrene	ND		47.5	57.2		ug/Kg		120	58 - 135
1,1,1,2-Tetrachloroethane	ND		47.5	57.0		ug/Kg		120	64 - 133

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33511-A-6-B MS
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: 720-33511-A-6-B MS
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,2,2-Tetrachloroethane	ND		47.5	47.8		ug/Kg		101	70 - 131
Tetrachloroethene	ND		47.5	58.2		ug/Kg		122	67 - 130
Toluene	ND		47.5	52.1		ug/Kg		110	70 - 130
1,2,3-Trichlorobenzene	ND		47.5	50.4		ug/Kg		106	58 - 138
1,2,4-Trichlorobenzene	ND		47.5	51.1		ug/Kg		107	49 - 144
1,1,1-Trichloroethane	ND		47.5	61.8		ug/Kg		130	57 - 133
1,1,2-Trichloroethane	ND		47.5	51.4		ug/Kg		108	68 - 132
Trichloroethene	ND		47.5	54.9		ug/Kg		116	66 - 130
Trichlorofluoromethane	ND		47.5	53.5		ug/Kg		113	61 - 130
1,2,3-Trichloropropane	ND		47.5	51.3		ug/Kg		108	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		47.5	53.3		ug/Kg		112	52 - 130
1,2,4-Trimethylbenzene	ND		47.5	57.1		ug/Kg		120	64 - 140
1,3,5-Trimethylbenzene	ND		47.5	56.3		ug/Kg		118	67 - 134
Vinyl acetate	ND		47.5	53.3		ug/Kg		112	52 - 150
Vinyl chloride	ND		47.5	52.9		ug/Kg		111	62 - 130
m-Xylene & p-Xylene	ND		95.1	111		ug/Kg		116	70 - 130
o-Xylene	ND		47.5	56.0		ug/Kg		118	68 - 130
2,2-Dichloropropane	ND		47.5	62.7	F	ug/Kg		132	63 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*114*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Lab Sample ID: 720-33511-A-6-C MSD
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: 720-33511-A-6-C MSD
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		49.6	56.0		ug/Kg		113	69 - 130	1	20
Acetone	ND		248	166		ug/Kg		67	37 - 150	2	20
Benzene	ND		49.6	51.3		ug/Kg		103	70 - 130	0	20
Dichlorobromomethane	ND		49.6	59.0		ug/Kg		119	64 - 135	0	20
Bromobenzene	ND		49.6	52.7		ug/Kg		106	70 - 130	1	20
Chlorobromomethane	ND		49.6	52.2		ug/Kg		105	65 - 130	0	20
Bromoform	ND		49.6	47.2		ug/Kg		95	58 - 132	5	20
Bromomethane	ND		49.6	53.8		ug/Kg		108	56 - 130	0	20
2-Butanone (MEK)	ND		248	211		ug/Kg		85	41 - 150	3	20
n-Butylbenzene	ND		49.6	54.8		ug/Kg		111	60 - 145	1	20
sec-Butylbenzene	ND		49.6	52.5		ug/Kg		106	64 - 137	1	20
tert-Butylbenzene	ND		49.6	56.2		ug/Kg		113	63 - 134	0	20
Carbon disulfide	ND		49.6	48.6		ug/Kg		98	10 - 150	0	20
Carbon tetrachloride	ND		49.6	60.3		ug/Kg		122	54 - 130	0	20
Chlorobenzene	ND		49.6	53.1		ug/Kg		107	70 - 130	1	20
Chloroethane	ND		49.6	56.2		ug/Kg		113	61 - 130	2	20
Chloroform	ND		49.6	56.3		ug/Kg		113	67 - 130	1	20
Chloromethane	ND		49.6	48.8		ug/Kg		98	50 - 131	1	20
2-Chlorotoluene	ND		49.6	55.5		ug/Kg		112	70 - 130	1	20
4-Chlorotoluene	ND		49.6	55.4		ug/Kg		112	70 - 130	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33511-A-6-C MSD
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: 720-33511-A-6-C MSD
Prep Type: Total/NA
Prep Batch: 86666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	ND		49.6	55.1		ug/Kg		111	60 - 141	3	20
1,2-Dichlorobenzene	ND		49.6	52.2		ug/Kg		105	70 - 130	0	20
1,3-Dichlorobenzene	ND		49.6	53.1		ug/Kg		107	70 - 130	0	20
1,4-Dichlorobenzene	ND		49.6	51.0		ug/Kg		103	70 - 130	1	20
1,3-Dichloropropane	ND		49.6	52.7		ug/Kg		106	70 - 130	1	20
1,1-Dichloropropene	ND		49.6	54.6		ug/Kg		110	67 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		49.6	49.8		ug/Kg		100	57 - 130	0	20
Ethylene Dibromide	ND		49.6	54.4		ug/Kg		110	66 - 135	0	20
Dibromomethane	ND		49.6	55.2		ug/Kg		111	65 - 131	1	20
Dichlorodifluoromethane	ND		49.6	40.5		ug/Kg		82	38 - 130	2	20
1,1-Dichloroethane	ND		49.6	52.9		ug/Kg		107	67 - 130	0	20
1,2-Dichloroethane	ND		49.6	56.4		ug/Kg		114	70 - 130	0	20
1,1-Dichloroethene	ND		49.6	51.0		ug/Kg		103	64 - 130	1	20
cis-1,2-Dichloroethene	ND		49.6	60.1		ug/Kg		121	68 - 131	1	20
trans-1,2-Dichloroethene	ND		49.6	46.9		ug/Kg		95	70 - 130	1	20
1,2-Dichloropropane	ND		49.6	49.7		ug/Kg		100	65 - 133	0	20
cis-1,3-Dichloropropene	ND		49.6	55.6		ug/Kg		112	46 - 139	0	20
trans-1,3-Dichloropropene	ND		49.6	59.7		ug/Kg		120	55 - 131	1	20
Ethylbenzene	ND		49.6	53.9		ug/Kg		109	65 - 130	1	20
Hexachlorobutadiene	ND		49.6	50.3		ug/Kg		101	58 - 132	2	20
2-Hexanone	ND		248	241		ug/Kg		97	44 - 150	3	20
Isopropylbenzene	ND		49.6	57.2		ug/Kg		115	65 - 130	0	20
4-Isopropyltoluene	ND		49.6	54.4		ug/Kg		110	69 - 134	0	20
Methylene Chloride	ND		49.6	48.5		ug/Kg		98	63 - 130	0	20
4-Methyl-2-pentanone (MIBK)	ND		248	261		ug/Kg		105	51 - 140	2	20
Naphthalene	ND		49.6	50.6		ug/Kg		102	45 - 146	2	20
N-Propylbenzene	ND		49.6	52.4		ug/Kg		106	70 - 130	0	20
Styrene	ND		49.6	57.8		ug/Kg		117	58 - 135	1	20
1,1,1,2-Tetrachloroethane	ND		49.6	57.7		ug/Kg		116	64 - 133	1	20
1,1,2,2-Tetrachloroethane	ND		49.6	48.6		ug/Kg		98	70 - 131	2	20
Tetrachloroethene	ND		49.6	57.3		ug/Kg		116	67 - 130	1	20
Toluene	ND		49.6	52.6		ug/Kg		106	70 - 130	1	20
1,2,3-Trichlorobenzene	ND		49.6	51.2		ug/Kg		103	58 - 138	2	20
1,2,4-Trichlorobenzene	ND		49.6	51.9		ug/Kg		105	49 - 144	2	20
1,1,1-Trichloroethane	ND		49.6	61.7		ug/Kg		124	57 - 133	0	20
1,1,2-Trichloroethane	ND		49.6	51.6		ug/Kg		104	68 - 132	0	20
Trichloroethene	ND		49.6	55.2		ug/Kg		111	66 - 130	1	20
Trichlorofluoromethane	ND		49.6	54.9		ug/Kg		111	61 - 130	3	20
1,2,3-Trichloropropane	ND		49.6	50.9		ug/Kg		103	62 - 150	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.6	53.6		ug/Kg		108	52 - 130	1	20
1,2,4-Trimethylbenzene	ND		49.6	57.8		ug/Kg		117	64 - 140	1	20
1,3,5-Trimethylbenzene	ND		49.6	56.5		ug/Kg		114	67 - 134	0	20
Vinyl acetate	ND		49.6	55.4		ug/Kg		112	52 - 150	4	20
Vinyl chloride	ND		49.6	53.6		ug/Kg		108	62 - 130	1	20
m-Xylene & p-Xylene	ND		99.2	111		ug/Kg		112	70 - 130	0	20
o-Xylene	ND		49.6	57.0		ug/Kg		115	68 - 130	2	20
2,2-Dichloropropane	ND		49.6	62.8		ug/Kg		127	63 - 130	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-33511-A-6-C MSD
Matrix: Solid
Analysis Batch: 86638

Client Sample ID: 720-33511-A-6-C MSD
Prep Type: Total/NA
Prep Batch: 86666

Surrogate	MSD % Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	*104*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*114*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-86589/1-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: MB 720-86589/1-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Chlorophenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzyl alcohol	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Methylphenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Methylphenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Hexachloroethane	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Nitrobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Isophorone	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Nitrophenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Naphthalene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Chloroaniline	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Hexachlorobutadiene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Methylnaphthalene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4,6-Trichlorophenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Chloronaphthalene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Nitroaniline	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Dimethyl phthalate	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Acenaphthylene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
3-Nitroaniline	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Acenaphthene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4-Dinitrophenol	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Nitrophenol	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Dibenzofuran	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Diethyl phthalate	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-86589/1-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: MB 720-86589/1-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Fluorene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Nitroaniline	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Hexachlorobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Pentachlorophenol	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Phenanthrene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Anthracene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Fluoranthene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Pyrene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzo[a]anthracene	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Chrysene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzo[a]pyrene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Benzoic acid	ND		0.33		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Azobenzene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		02/22/11 13:03	02/24/11 14:06	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*77*		*21 - 98*	*02/22/11 13:03*	*02/24/11 14:06*	*1*
2-Fluorobiphenyl	*74*		*30 - 112*	*02/22/11 13:03*	*02/24/11 14:06*	*1*
Terphenyl-d14	*73*		*32 - 117*	*02/22/11 13:03*	*02/24/11 14:06*	*1*
2-Fluorophenol	*67*		*28 - 98*	*02/22/11 13:03*	*02/24/11 14:06*	*1*
Phenol-d5	*73*		*23 - 101*	*02/22/11 13:03*	*02/24/11 14:06*	*1*
2,4,6-Tribromophenol	*74*		*37 - 114*	*02/22/11 13:03*	*02/24/11 14:06*	*1*

Lab Sample ID: LCS 720-86589/2-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: LCS 720-86589/2-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenol	1.63	1.14		mg/Kg		70	48 - 115
Bis(2-chloroethyl)ether	1.62	1.16		mg/Kg		72	45 - 115
2-Chlorophenol	1.64	1.10		mg/Kg		67	48 - 115
1,3-Dichlorobenzene	1.62	1.01		mg/Kg		63	41 - 115
1,4-Dichlorobenzene	1.62	1.07		mg/Kg		66	40 - 115
Benzyl alcohol	1.63	1.20		mg/Kg		74	54 - 115
1,2-Dichlorobenzene	1.62	1.06		mg/Kg		65	44 - 115

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-86589/2-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: LCS 720-86589/2-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Methylphenol	1.62	1.14		mg/Kg		71	54 - 115
4-Methylphenol	3.28	1.91		mg/Kg		58	50 - 115
N-Nitrosodi-n-propylamine	1.62	1.21		mg/Kg		75	46 - 115
Hexachloroethane	1.63	1.08		mg/Kg		66	44 - 115
Nitrobenzene	1.61	1.24		mg/Kg		77	48 - 115
Isophorone	1.61	1.26		mg/Kg		78	54 - 115
2-Nitrophenol	1.63	1.21		mg/Kg		75	48 - 115
2,4-Dimethylphenol	1.60	1.12		mg/Kg		70	52 - 115
Bis(2-chloroethoxy)methane	1.62	1.17		mg/Kg		72	46 - 115
2,4-Dichlorophenol	1.64	1.15		mg/Kg		70	49 - 100
1,2,4-Trichlorobenzene	1.62	1.11		mg/Kg		69	47 - 115
Naphthalene	1.64	1.12		mg/Kg		68	44 - 115
4-Chloroaniline	1.57	0.901		mg/Kg		57	30 - 115
Hexachlorobutadiene	1.63	1.09		mg/Kg		67	44 - 115
4-Chloro-3-methylphenol	1.63	1.21		mg/Kg		75	58 - 115
2-Methylnaphthalene	1.62	1.17		mg/Kg		72	49 - 115
Hexachlorocyclopentadiene	1.74	1.25		mg/Kg		72	42 - 132
2,4,6-Trichlorophenol	1.62	1.16		mg/Kg		71	45 - 115
2,4,5-Trichlorophenol	1.63	1.15		mg/Kg		71	48 - 115
2-Chloronaphthalene	1.64	1.13		mg/Kg		69	52 - 115
2-Nitroaniline	1.66	1.28		mg/Kg		77	54 - 115
Dimethyl phthalate	1.65	1.18		mg/Kg		72	64 - 119
Acenaphthylene	1.65	1.30		mg/Kg		78	61 - 129
3-Nitroaniline	1.68	1.17		mg/Kg		70	50 - 115
Acenaphthene	1.66	1.13		mg/Kg		68	50 - 115
2,4-Dinitrophenol	1.66	1.22		mg/Kg		74	21 - 115
4-Nitrophenol	1.66	1.51		mg/Kg		91	54 - 125
Dibenzofuran	1.65	1.13		mg/Kg		69	55 - 115
2,4-Dinitrotoluene	1.64	1.35		mg/Kg		82	57 - 115
2,6-Dinitrotoluene	1.66	1.30		mg/Kg		79	54 - 119
Diethyl phthalate	1.66	1.28		mg/Kg		77	49 - 117
4-Chlorophenyl phenyl ether	1.64	1.21		mg/Kg		74	57 - 115
Fluorene	1.65	1.13		mg/Kg		69	54 - 115
4-Nitroaniline	1.62	1.35		mg/Kg		83	59 - 115
2-Methyl-4,6-dinitrophenol	1.66	1.40		mg/Kg		84	48 - 115
N-Nitrosodiphenylamine	1.53	1.17		mg/Kg		76	56 - 115
4-Bromophenyl phenyl ether	1.64	1.18		mg/Kg		72	53 - 115
Hexachlorobenzene	1.65	1.21		mg/Kg		73	55 - 115
Pentachlorophenol	1.67	1.35		mg/Kg		81	35 - 115
Phenanthrene	1.63	1.18		mg/Kg		72	54 - 115
Anthracene	1.63	1.22		mg/Kg		75	55 - 115
Di-n-butyl phthalate	1.64	1.27		mg/Kg		78	55 - 115
Fluoranthene	1.63	1.23		mg/Kg		76	54 - 115
Pyrene	1.63	1.26		mg/Kg		77	48 - 115
Butyl benzyl phthalate	1.76	1.38		mg/Kg		78	53 - 115
3,3'-Dichlorobenzidine	1.64	1.07		mg/Kg		66	42 - 115
Benzo[a]anthracene	1.60	1.31		mg/Kg		82	55 - 115
Bis(2-ethylhexyl) phthalate	1.65	1.34		mg/Kg		81	53 - 115
Chrysene	1.61	1.26		mg/Kg		78	58 - 115

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-86589/2-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: LCS 720-86589/2-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-octyl phthalate	1.69	1.36		mg/Kg		81	53 - 115
Benzo[b]fluoranthene	1.68	1.21		mg/Kg		72	56 - 115
Benzo[a]pyrene	1.44	1.26		mg/Kg		87	55 - 115
Benzo[k]fluoranthene	1.69	1.39		mg/Kg		82	57 - 115
Indeno[1,2,3-cd]pyrene	1.63	1.35		mg/Kg		83	56 - 115
Benzo[g,h,i]perylene	1.56	1.35		mg/Kg		87	56 - 115
Benzoic acid	1.67	0.457		mg/Kg		27	10 - 115
Azobenzene	1.66	1.26		mg/Kg		76	52 - 115
Dibenz(a,h)anthracene	1.60	1.31		mg/Kg		82	58 - 115

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*77*		*21 - 98*
2-Fluorobiphenyl	*70*		*30 - 112*
Terphenyl-d14	*80*		*32 - 117*
2-Fluorophenol	*67*		*28 - 98*
Phenol-d5	*71*		*23 - 101*
2,4,6-Tribromophenol	*74*		*37 - 114*

Lab Sample ID: LCSD 720-86589/3-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: LCSD 720-86589/3-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phenol	1.66	1.37		mg/Kg		83	48 - 115	18	35
Bis(2-chloroethyl)ether	1.64	1.39		mg/Kg		85	45 - 115	18	35
2-Chlorophenol	1.66	1.27		mg/Kg		76	48 - 115	14	35
1,3-Dichlorobenzene	1.64	1.23		mg/Kg		75	41 - 115	19	35
1,4-Dichlorobenzene	1.64	1.18		mg/Kg		72	40 - 115	10	35
Benzyl alcohol	1.66	1.40		mg/Kg		85	54 - 115	15	35
1,2-Dichlorobenzene	1.64	1.24		mg/Kg		75	44 - 115	16	35
2-Methylphenol	1.64	1.32		mg/Kg		81	54 - 115	14	35
4-Methylphenol	3.33	2.21		mg/Kg		67	50 - 115	15	35
N-Nitrosodi-n-propylamine	1.65	1.41		mg/Kg		86	46 - 115	15	35
Hexachloroethane	1.65	1.25		mg/Kg		76	44 - 115	15	35
Nitrobenzene	1.63	1.43		mg/Kg		88	48 - 115	14	35
Isophorone	1.64	1.43		mg/Kg		88	54 - 115	13	35
2-Nitrophenol	1.65	1.39		mg/Kg		85	48 - 115	14	35
2,4-Dimethylphenol	1.62	1.31		mg/Kg		81	52 - 115	16	35
Bis(2-chloroethoxy)methane	1.64	1.33		mg/Kg		81	46 - 115	13	35
2,4-Dichlorophenol	1.66	1.32		mg/Kg		80	49 - 100	14	35
1,2,4-Trichlorobenzene	1.64	1.29		mg/Kg		78	47 - 115	15	35
Naphthalene	1.66	1.26		mg/Kg		76	44 - 115	12	35
4-Chloroaniline	1.59	1.01		mg/Kg		63	30 - 115	11	35
Hexachlorobutadiene	1.66	1.25		mg/Kg		76	44 - 115	14	35
4-Chloro-3-methylphenol	1.65	1.42		mg/Kg		86	58 - 115	16	35
2-Methylnaphthalene	1.64	1.34		mg/Kg		81	49 - 115	13	35
Hexachlorocyclopentadiene	1.77	1.44		mg/Kg		81	42 - 132	14	35
2,4,6-Trichlorophenol	1.64	1.35		mg/Kg		82	45 - 115	15	35

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 720-86589/3-A
Matrix: Solid
Analysis Batch: 86758

Client Sample ID: LCSD 720-86589/3-A
Prep Type: Total/NA
Prep Batch: 86589

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			1.66	1.32		mg/Kg		80	48 - 115	14	35
2-Chloronaphthalene			1.66	1.28		mg/Kg		77	52 - 115	13	35
2-Nitroaniline			1.68	1.42		mg/Kg		85	54 - 115	11	35
Dimethyl phthalate			1.67	1.30		mg/Kg		77	64 - 119	9	35
Acenaphthylene			1.68	1.47		mg/Kg		87	61 - 129	12	35
3-Nitroaniline			1.70	1.19		mg/Kg		70	50 - 115	1	35
Acenaphthene			1.68	1.28		mg/Kg		76	50 - 115	13	35
2,4-Dinitrophenol			1.68	1.30		mg/Kg		77	21 - 115	6	35
4-Nitrophenol			1.69	1.59		mg/Kg		94	54 - 125	5	35
Dibenzofuran			1.67	1.29		mg/Kg		77	55 - 115	13	35
2,4-Dinitrotoluene			1.66	1.43		mg/Kg		86	57 - 115	6	35
2,6-Dinitrotoluene			1.68	1.43		mg/Kg		85	54 - 119	9	35
Diethyl phthalate			1.68	1.35		mg/Kg		80	49 - 117	5	35
4-Chlorophenyl phenyl ether			1.67	1.39		mg/Kg		84	57 - 115	14	35
Fluorene			1.67	1.27		mg/Kg		76	54 - 115	11	35
4-Nitroaniline			1.65	1.40		mg/Kg		85	59 - 115	4	35
2-Methyl-4,6-dinitrophenol			1.69	1.49		mg/Kg		88	48 - 115	6	35
N-Nitrosodiphenylamine			1.56	1.28		mg/Kg		82	56 - 115	9	35
4-Bromophenyl phenyl ether			1.67	1.31		mg/Kg		78	53 - 115	10	35
Hexachlorobenzene			1.67	1.32		mg/Kg		79	55 - 115	9	35
Pentachlorophenol			1.69	1.42		mg/Kg		84	35 - 115	5	35
Phenanthrene			1.66	1.27		mg/Kg		77	54 - 115	7	35
Anthracene			1.65	1.30		mg/Kg		79	55 - 115	6	35
Di-n-butyl phthalate			1.67	1.34		mg/Kg		81	55 - 115	5	35
Fluoranthene			1.65	1.31		mg/Kg		79	54 - 115	6	35
Pyrene			1.65	1.33		mg/Kg		80	48 - 115	6	35
Butyl benzyl phthalate			1.79	1.44		mg/Kg		80	53 - 115	4	35
3,3'-Dichlorobenzidine			1.66	1.10		mg/Kg		66	42 - 115	2	35
Benzo[a]anthracene			1.62	1.36		mg/Kg		84	55 - 115	4	35
Bis(2-ethylhexyl) phthalate			1.68	1.39		mg/Kg		83	53 - 115	4	35
Chrysene			1.63	1.34		mg/Kg		82	58 - 115	6	35
Di-n-octyl phthalate			1.71	1.44		mg/Kg		84	53 - 115	5	35
Benzo[b]fluoranthene			1.70	1.37		mg/Kg		81	56 - 115	13	35
Benzo[a]pyrene			1.46	1.29		mg/Kg		88	55 - 115	2	35
Benzo[k]fluoranthene			1.72	1.32		mg/Kg		77	57 - 115	5	35
Indeno[1,2,3-cd]pyrene			1.65	1.39		mg/Kg		84	56 - 115	3	35
Benzo[g,h,i]perylene			1.58	1.37		mg/Kg		87	56 - 115	2	35
Benzoic acid			1.69	0.681	*	mg/Kg		40	10 - 115	39	35
Azobenzene			1.68	1.35		mg/Kg		80	52 - 115	7	35
Dibenz(a,h)anthracene			1.62	1.35		mg/Kg		83	58 - 115	2	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*88*		*21 - 98*
2-Fluorobiphenyl	*79*		*30 - 112*
Terphenyl-d14	*83*		*32 - 117*
2-Fluorophenol	*76*		*28 - 98*
Phenol-d5	*81*		*23 - 101*
2,4,6-Tribromophenol	*79*		*37 - 114*

Method: 8270C SIM - PAHs by GCMS (SIM)

Lab Sample ID: MB 720-86591/1-A
Matrix: Solid
Analysis Batch: 86671

Client Sample ID: MB 720-86591/1-A
Prep Type: Total/NA
Prep Batch: 86591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Acenaphthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Acenaphthylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Fluorene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Phenanthrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[a]anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Chrysene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[a]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Fluoranthene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Pyrene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		02/22/11 13:07	02/23/11 12:37	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*33 - 120*	*02/22/11 13:07*	*02/23/11 12:37*	*1*
Terphenyl-d14	*92*		*35 - 146*	*02/22/11 13:07*	*02/23/11 12:37*	*1*

Lab Sample ID: LCS 720-86591/2-A
Matrix: Solid
Analysis Batch: 86671

Client Sample ID: LCS 720-86591/2-A
Prep Type: Total/NA
Prep Batch: 86591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	330	261		ug/Kg		79	46 - 120
Acenaphthene	330	278		ug/Kg		84	49 - 120
Acenaphthylene	330	287		ug/Kg		87	52 - 120
Fluorene	330	279		ug/Kg		84	52 - 120
Phenanthrene	330	295		ug/Kg		89	48 - 120
Anthracene	330	292		ug/Kg		88	52 - 120
Benzo[a]anthracene	330	286		ug/Kg		87	52 - 120
Chrysene	330	266		ug/Kg		80	54 - 120
Benzo[a]pyrene	330	303		ug/Kg		92	54 - 120
Benzo[b]fluoranthene	330	295		ug/Kg		89	51 - 120
Benzo[k]fluoranthene	330	306		ug/Kg		93	56 - 120
Benzo[g,h,i]perylene	330	312		ug/Kg		95	48 - 120
Indeno[1,2,3-cd]pyrene	330	310		ug/Kg		94	48 - 120
Fluoranthene	330	309		ug/Kg		94	57 - 120
Pyrene	330	304		ug/Kg		92	53 - 120
Dibenz(a,h)anthracene	330	295		ug/Kg		89	50 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*87*		*33 - 120*
Terphenyl-d14	*89*		*35 - 146*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: LCSD 720-86591/3-A
Matrix: Solid
Analysis Batch: 86671

Client Sample ID: LCSD 720-86591/3-A
Prep Type: Total/NA
Prep Batch: 86591

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene			329	251		ug/Kg		76	46 - 120	4	20
Acenaphthene			329	269		ug/Kg		82	49 - 120	3	20
Acenaphthylene			329	278		ug/Kg		85	52 - 120	3	20
Fluorene			329	268		ug/Kg		82	52 - 120	4	20
Phenanthrene			329	291		ug/Kg		88	48 - 120	1	20
Anthracene			329	285		ug/Kg		87	52 - 120	2	20
Benzo[a]anthracene			329	286		ug/Kg		87	52 - 120	0	20
Chrysene			329	260		ug/Kg		79	54 - 120	2	20
Benzo[a]pyrene			329	303		ug/Kg		92	54 - 120	0	20
Benzo[b]fluoranthene			329	301		ug/Kg		92	51 - 120	2	20
Benzo[k]fluoranthene			329	296		ug/Kg		90	56 - 120	3	20
Benzo[g,h,i]perylene			329	314		ug/Kg		95	48 - 120	1	20
Indeno[1,2,3-cd]pyrene			329	310		ug/Kg		94	48 - 120	0	20
Fluoranthene			329	306		ug/Kg		93	57 - 120	1	20
Pyrene			329	301		ug/Kg		91	53 - 120	1	20
Dibenz(a,h)anthracene			329	298		ug/Kg		90	50 - 120	1	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*33 - 120*
Terphenyl-d14	*90*		*35 - 146*

Lab Sample ID: 720-33471-8 MS
Matrix: Solid
Analysis Batch: 86671

Client Sample ID: C3-5
Prep Type: Total/NA
Prep Batch: 86591

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Naphthalene	ND		328	144		ug/Kg		44	32 - 120
Acenaphthene	ND		328	197		ug/Kg		60	33 - 120
Acenaphthylene	ND		328	194		ug/Kg		59	28 - 120
Fluorene	ND		328	238		ug/Kg		72	35 - 120
Phenanthrene	ND		328	265		ug/Kg		79	28 - 120
Anthracene	ND		328	299		ug/Kg		91	36 - 120
Benzo[a]anthracene	ND		328	288		ug/Kg		88	29 - 120
Chrysene	ND		328	284		ug/Kg		87	29 - 120
Benzo[a]pyrene	ND		328	301		ug/Kg		92	24 - 120
Benzo[b]fluoranthene	ND		328	328		ug/Kg		100	17 - 132
Benzo[k]fluoranthene	ND		328	308		ug/Kg		94	35 - 120
Benzo[g,h,i]perylene	ND		328	222		ug/Kg		67	21 - 120
Indeno[1,2,3-cd]pyrene	ND		328	241		ug/Kg		73	20 - 126
Fluoranthene	ND		328	292		ug/Kg		89	24 - 120
Pyrene	ND		328	312		ug/Kg		95	24 - 123
Dibenz(a,h)anthracene	ND		328	234		ug/Kg		71	36 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*48*		*33 - 120*
Terphenyl-d14	*86*		*35 - 146*

Method: 8270C SIM - PAHs by GCMS (SIM) (Continued)

Lab Sample ID: 720-33471-8 MSD
Matrix: Solid
Analysis Batch: 86671

Client Sample ID: C3-5
Prep Type: Total/NA
Prep Batch: 86591

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Naphthalene	ND		332	160		ug/Kg		48	32 - 120	10	20
Acenaphthene	ND		332	200		ug/Kg		60	33 - 120	1	20
Acenaphthylene	ND		332	197		ug/Kg		59	28 - 120	1	20
Fluorene	ND		332	221		ug/Kg		66	35 - 120	7	20
Phenanthrene	ND		332	251		ug/Kg		74	28 - 120	6	20
Anthracene	ND		332	299		ug/Kg		90	36 - 120	0	20
Benzo[a]anthracene	ND		332	298		ug/Kg		90	29 - 120	3	20
Chrysene	ND		332	288		ug/Kg		87	29 - 120	1	20
Benzo[a]pyrene	ND		332	301		ug/Kg		91	24 - 120	0	20
Benzo[b]fluoranthene	ND		332	334		ug/Kg		101	17 - 132	2	20
Benzo[k]fluoranthene	ND		332	314		ug/Kg		95	35 - 120	2	20
Benzo[g,h,i]perylene	ND		332	227		ug/Kg		68	21 - 120	2	20
Indeno[1,2,3-cd]pyrene	ND		332	244		ug/Kg		74	20 - 126	1	20
Fluoranthene	ND		332	292		ug/Kg		88	24 - 120	0	20
Pyrene	ND		332	312		ug/Kg		94	24 - 123	0	20
Dibenz(a,h)anthracene	ND		332	247		ug/Kg		74	36 - 120	5	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*51*		*33 - 120*
Terphenyl-d14	*87*		*35 - 146*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 720-86590/1-A
Matrix: Solid
Analysis Batch: 86642

Client Sample ID: MB 720-86590/1-A
Prep Type: Total/NA
Prep Batch: 86590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		02/22/11 13:04	02/23/11 11:50	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/22/11 13:04	02/23/11 11:50	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*110*		*31 - 114*	*02/22/11 13:04*	*02/23/11 11:50*	*1*

Lab Sample ID: LCS 720-86590/2-A
Matrix: Solid
Analysis Batch: 86642

Client Sample ID: LCS 720-86590/2-A
Prep Type: Total/NA
Prep Batch: 86590

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]			83.3	82.3		mg/Kg		99	59 - 134		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*99*		*31 - 114*

Method: 8015B - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: LCSD 720-86590/3-A
Matrix: Solid
Analysis Batch: 86642

Client Sample ID: LCSD 720-86590/3-A
Prep Type: Total/NA
Prep Batch: 86590

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			82.2	79.5		mg/Kg		97	59 - 134	4	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*102*		*31 - 114*

Lab Sample ID: 720-33471-9 MS
Matrix: Solid
Analysis Batch: 86642

Client Sample ID: C3-60
Prep Type: Total/NA
Prep Batch: 86590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	ND		82.2	48.9		mg/Kg		59	50 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
p-Terphenyl	*74*		*31 - 114*

Lab Sample ID: 720-33471-9 MSD
Matrix: Solid
Analysis Batch: 86642

Client Sample ID: C3-60
Prep Type: Total/NA
Prep Batch: 86590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		82.0	76.9	F	mg/Kg		93	50 - 130	45	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
p-Terphenyl	*93*		*31 - 114*

Lab Sample ID: MB 720-86604/1-A
Matrix: Water
Analysis Batch: 86640

Client Sample ID: MB 720-86604/1-A
Prep Type: Total/NA
Prep Batch: 86604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/22/11 14:51	02/23/11 10:45	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/22/11 14:51	02/23/11 10:45	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*91*		*23 - 156*	*02/22/11 14:51*	*02/23/11 10:45*	*1*

Lab Sample ID: LCS 720-86604/2-A
Matrix: Water
Analysis Batch: 86640

Client Sample ID: LCS 720-86604/2-A
Prep Type: Total/NA
Prep Batch: 86604

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]			2500	1700		ug/L		68	40 - 150

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*95*		*23 - 156*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-86604/3-A
Matrix: Water
Analysis Batch: 86640

Client Sample ID: LCSD 720-86604/3-A
Prep Type: Total/NA
Prep Batch: 86604

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1360		ug/L		54	40 - 150	22	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*83*		*23 - 156*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-86500/1-A
Matrix: Solid
Analysis Batch: 86554

Client Sample ID: MB 720-86500/1-A
Prep Type: Total/NA
Prep Batch: 86500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Dieldrin	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endrin aldehyde	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endrin	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endrin ketone	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Heptachlor	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Heptachlor epoxide	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
4,4'-DDT	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
4,4'-DDE	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
4,4'-DDD	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endosulfan I	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endosulfan II	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
alpha-BHC	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
beta-BHC	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
delta-BHC	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Endosulfan sulfate	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Methoxychlor	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Toxaphene	ND		40		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
Chlordane (technical)	ND		40		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
alpha-Chlordane	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1
gamma-Chlordane	ND		2.0		ug/Kg		02/18/11 14:25	02/22/11 14:39	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*45 - 119*	*02/18/11 14:25*	*02/22/11 14:39*	*1*
DCB Decachlorobiphenyl	*88*		*27 - 136*	*02/18/11 14:25*	*02/22/11 14:39*	*1*

Lab Sample ID: LCS 720-86500/2-A
Matrix: Solid
Analysis Batch: 86554

Client Sample ID: LCS 720-86500/2-A
Prep Type: Total/NA
Prep Batch: 86500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	16.5	13.9		ug/Kg		84	54 - 120
Dieldrin	16.5	13.7		ug/Kg		83	59 - 120
Endrin	16.5	13.8		ug/Kg		83	53 - 120
Heptachlor	16.5	14.1		ug/Kg		85	54 - 120

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 720-86500/2-A | **Client Sample ID: LCS 720-86500/2-A**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 86554 | **Prep Batch: 86500**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
4,4'-DDT			16.5	14.0		ug/Kg		85	51 - 120		
gamma-BHC (Lindane)			16.5	14.3		ug/Kg		87	58 - 120		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*45 - 119*
DCB Decachlorobiphenyl	*85*		*27 - 136*

Lab Sample ID: LCSD 720-86500/3-A | **Client Sample ID: LCSD 720-86500/3-A**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 86554 | **Prep Batch: 86500**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aldrin			16.7	12.6		ug/Kg		76	54 - 120	9	20
Dieldrin			16.7	12.0		ug/Kg		72	59 - 120	13	20
Endrin			16.7	12.1		ug/Kg		73	53 - 120	13	20
Heptachlor			16.7	13.1		ug/Kg		79	54 - 120	8	22
4,4'-DDT			16.7	12.9		ug/Kg		77	51 - 120	9	21
gamma-BHC (Lindane)			16.7	13.4		ug/Kg		81	58 - 120	6	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*45 - 119*
DCB Decachlorobiphenyl	*81*		*27 - 136*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-86614/1-A | **Client Sample ID: MB 720-86614/1-A**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 86683 | **Prep Batch: 86614**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Arsenic	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Barium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Beryllium	ND		0.10		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cadmium	ND		0.12		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Chromium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Cobalt	ND		0.20		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Copper	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Lead	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Molybdenum	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Nickel	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Selenium	ND		1.0		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Silver	ND		0.25		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Thallium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Vanadium	ND		0.50		mg/Kg		02/22/11 16:31	02/23/11 11:27	1
Zinc	ND		1.5		mg/Kg		02/22/11 16:31	02/23/11 11:27	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-86614/2-A
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: LCS 720-86614/2-A
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	46.9		mg/Kg		94	80 - 120
Arsenic	50.0	45.4		mg/Kg		91	80 - 120
Barium	50.0	47.3		mg/Kg		95	80 - 120
Beryllium	50.0	48.5		mg/Kg		97	80 - 120
Cadmium	50.0	47.4		mg/Kg		95	80 - 120
Chromium	50.0	47.4		mg/Kg		95	80 - 120
Cobalt	50.0	48.8		mg/Kg		98	80 - 120
Copper	50.0	50.3		mg/Kg		101	80 - 120
Lead	50.0	50.0		mg/Kg		100	80 - 120
Molybdenum	50.0	51.3		mg/Kg		103	80 - 120
Nickel	50.0	50.1		mg/Kg		100	80 - 120
Selenium	50.0	48.2		mg/Kg		96	80 - 120
Silver	25.0	24.2		mg/Kg		97	80 - 120
Thallium	50.0	50.3		mg/Kg		101	80 - 120
Vanadium	50.0	49.3		mg/Kg		99	80 - 120
Zinc	50.0	48.2		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-86614/3-A
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: LCSD 720-86614/3-A
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	47.3		mg/Kg		95	80 - 120	1	20
Arsenic	50.0	45.6		mg/Kg		91	80 - 120	0	20
Barium	50.0	47.9		mg/Kg		96	80 - 120	1	20
Beryllium	50.0	49.2		mg/Kg		98	80 - 120	1	20
Cadmium	50.0	47.5		mg/Kg		95	80 - 120	0	20
Chromium	50.0	47.7		mg/Kg		95	80 - 120	1	20
Cobalt	50.0	48.9		mg/Kg		98	80 - 120	0	20
Copper	50.0	50.7		mg/Kg		101	80 - 120	1	20
Lead	50.0	50.1		mg/Kg		100	80 - 120	0	20
Molybdenum	50.0	51.8		mg/Kg		104	80 - 120	1	20
Nickel	50.0	50.4		mg/Kg		101	80 - 120	1	20
Selenium	50.0	48.3		mg/Kg		97	80 - 120	0	20
Silver	25.0	24.4		mg/Kg		98	80 - 120	1	20
Thallium	50.0	50.5		mg/Kg		101	80 - 120	0	20
Vanadium	50.0	49.8		mg/Kg		100	80 - 120	1	20
Zinc	50.0	48.3		mg/Kg		97	80 - 120	0	20

Lab Sample ID: LCSSRM 720-86614/25-A
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: LCSSRM 720-86614/25-A
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	105	66.4		mg/Kg		63	11 - 101
Arsenic	79.4	67.3		mg/Kg		85	69 - 119
Barium	391	332		mg/Kg		85	61 - 117
Beryllium	304	273		mg/Kg		90	56 - 102
Cadmium	48.3	41.3		mg/Kg		85	67 - 118
Chromium	171	149		mg/Kg		87	67 - 121

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-86614/25-A
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: LCSSRM 720-86614/25-A
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	% Rec	% Rec. Limits
Cobalt	59.2	52.3		mg/Kg		88	64 - 133
Copper	327	296		mg/Kg		91	68 - 126
Lead	181	155		mg/Kg		86	62 - 113
Molybdenum	156	149		mg/Kg		96	62 - 128
Nickel	76.0	65.9		mg/Kg		87	65 - 117
Selenium	76.9	65.1		mg/Kg		85	63 - 126
Silver	29.1	26.8		mg/Kg		92	51 - 130
Thallium	192	163		mg/Kg		85	64 - 124
Vanadium	213	195		mg/Kg		91	67 - 123
Zinc	256	221		mg/Kg		86	62 - 110

Lab Sample ID: 720-33433-A-5-Q MS
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: 720-33433-A-5-Q MS
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		48.5	30.8	F	mg/Kg		63	75 - 125
Arsenic	ND		48.5	44.3		mg/Kg		88	75 - 125
Barium	48		48.5	95.8		mg/Kg		98	75 - 125
Beryllium	ND		48.5	47.8		mg/Kg		99	75 - 125
Cadmium	0.59		48.5	44.9		mg/Kg		91	75 - 125
Chromium	31		48.5	81.7		mg/Kg		104	75 - 125
Cobalt	2.6		48.5	48.8		mg/Kg		95	75 - 125
Copper	63		48.5	185	F	mg/Kg		251	75 - 125
Lead	63		48.5	375	F	mg/Kg		642	75 - 125
Molybdenum	ND		48.5	47.3		mg/Kg		94	75 - 125
Nickel	27		48.5	74.0		mg/Kg		97	75 - 125
Selenium	ND		48.5	45.6		mg/Kg		94	75 - 125
Silver	ND		24.3	30.0		mg/Kg		120	75 - 125
Thallium	ND		48.5	46.7		mg/Kg		96	75 - 125
Vanadium	13		48.5	69.9		mg/Kg		118	75 - 125
Zinc	180		48.5	297	F	mg/Kg		245	75 - 125

Lab Sample ID: 720-33433-A-5-R MSD
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: 720-33433-A-5-R MSD
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		48.5	31.0	F	mg/Kg		63	75 - 125	1	20
Arsenic	ND		48.5	44.3		mg/Kg		88	75 - 125	0	20
Barium	48		48.5	101		mg/Kg		109	75 - 125	6	20
Beryllium	ND		48.5	47.7		mg/Kg		98	75 - 125	0	20
Cadmium	0.59		48.5	45.3		mg/Kg		92	75 - 125	1	20
Chromium	31		48.5	69.5		mg/Kg		78	75 - 125	16	20
Cobalt	2.6		48.5	48.2		mg/Kg		94	75 - 125	1	20
Copper	63		48.5	193	F	mg/Kg		267	75 - 125	4	20
Lead	63		48.5	111	F	mg/Kg		98	75 - 125	109	20
Molybdenum	ND		48.5	48.1		mg/Kg		95	75 - 125	2	20
Nickel	27		48.5	68.3		mg/Kg		85	75 - 125	8	20
Selenium	ND		48.5	45.9		mg/Kg		95	75 - 125	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33433-A-5-R MSD
Matrix: Solid
Analysis Batch: 86683

Client Sample ID: 720-33433-A-5-R MSD
Prep Type: Total/NA
Prep Batch: 86614

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Silver	ND		24.3	24.6		mg/Kg		97	75 - 125	20	20
Thallium	ND		48.5	47.9		mg/Kg		99	75 - 125	2	20
Vanadium	13		48.5	59.6		mg/Kg		97	75 - 125	16	20
Zinc	180		48.5	232	F	mg/Kg		112	75 - 125	24	20

Lab Sample ID: LCS 720-86695/2-A
Matrix: Water
Analysis Batch: 86796

Client Sample ID: LCS 720-86695/2-A
Prep Type: Total Recoverable
Prep Batch: 86695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	1.00	0.980		mg/L		98	85 - 115
Arsenic	1.00	0.912		mg/L		91	85 - 115
Barium	1.00	0.922		mg/L		92	85 - 115
Beryllium	1.00	0.935		mg/L		93	85 - 115
Cadmium	1.00	0.964		mg/L		96	85 - 115
Chromium	1.00	0.994		mg/L		99	85 - 115
Cobalt	1.00	0.988		mg/L		99	85 - 115
Copper	1.00	1.01		mg/L		101	85 - 115
Lead	1.00	0.992		mg/L		99	85 - 115
Molybdenum	1.00	0.975		mg/L		98	85 - 115
Nickel	1.00	0.985		mg/L		98	85 - 115
Selenium	1.00	0.980		mg/L		98	85 - 115
Silver	0.500	0.528		mg/L		106	85 - 115
Thallium	1.00	0.994		mg/L		99	85 - 115
Vanadium	1.00	1.01		mg/L		101	85 - 115
Zinc	1.00	0.989		mg/L		99	85 - 115

Lab Sample ID: LCSD 720-86695/3-A
Matrix: Water
Analysis Batch: 86796

Client Sample ID: LCSD 720-86695/3-A
Prep Type: Total Recoverable
Prep Batch: 86695

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.990		mg/L		99	85 - 115	1	20
Arsenic	1.00	0.918		mg/L		92	85 - 115	1	20
Barium	1.00	0.971		mg/L		97	85 - 115	5	20
Beryllium	1.00	0.984		mg/L		98	85 - 115	5	20
Cadmium	1.00	0.974		mg/L		97	85 - 115	1	20
Chromium	1.00	1.01		mg/L		101	85 - 115	2	20
Cobalt	1.00	0.999		mg/L		100	85 - 115	1	20
Copper	1.00	1.02		mg/L		102	85 - 115	1	20
Lead	1.00	1.00		mg/L		100	85 - 115	1	20
Molybdenum	1.00	0.982		mg/L		98	85 - 115	1	20
Nickel	1.00	0.989		mg/L		99	85 - 115	0	20
Selenium	1.00	0.992		mg/L		99	85 - 115	1	20
Silver	0.500	0.535		mg/L		107	85 - 115	1	20
Thallium	1.00	1.00		mg/L		100	85 - 115	1	20
Vanadium	1.00	1.03		mg/L		103	85 - 115	3	20
Zinc	1.00	1.00		mg/L		100	85 - 115	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-86530/1-E
Matrix: Water
Analysis Batch: 86832

Client Sample ID: MB 720-86530/1-E
Prep Type: Dissolved
Prep Batch: 86695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Arsenic	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Barium	ND		0.0050		mg/L		02/23/11 14:59	02/25/11 11:52	1
Beryllium	ND		0.0020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Cadmium	ND		0.0020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Chromium	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Cobalt	ND		0.0020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Copper	ND		0.020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Lead	ND		0.0050		mg/L		02/23/11 14:59	02/25/11 11:52	1
Molybdenum	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Nickel	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Selenium	ND		0.020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Silver	ND		0.0020		mg/L		02/23/11 14:59	02/25/11 11:52	1
Thallium	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Vanadium	ND		0.010		mg/L		02/23/11 14:59	02/25/11 11:52	1
Zinc	ND		0.020		mg/L		02/23/11 14:59	02/25/11 11:52	1

Lab Sample ID: 720-33471-6 MS
Matrix: Water
Analysis Batch: 86796

Client Sample ID: C9-GW
Prep Type: Dissolved
Prep Batch: 86695

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	ND		1.00	0.975		mg/L		97	85 - 115
Arsenic	ND		1.00	0.935		mg/L		93	85 - 115
Barium	1.2		1.00	2.12		mg/L		90	85 - 115
Beryllium	ND		1.00	0.979		mg/L		98	85 - 115
Cadmium	ND		1.00	0.945		mg/L		95	85 - 115
Chromium	0.029		1.00	1.02		mg/L		99	85 - 115
Cobalt	0.031		1.00	0.974		mg/L		94	85 - 115
Copper	0.039		1.00	1.03		mg/L		99	85 - 115
Lead	0.0094		1.00	0.960		mg/L		95	85 - 115
Molybdenum	0.016		1.00	0.979		mg/L		96	85 - 115
Nickel	0.15		1.00	1.10		mg/L		94	85 - 115
Selenium	ND		1.00	0.979		mg/L		98	85 - 115
Silver	ND		0.500	0.526		mg/L		105	85 - 115
Thallium	ND		1.00	0.933		mg/L		93	85 - 115
Vanadium	0.022		1.00	1.05		mg/L		103	85 - 115
Zinc	0.029		1.00	0.989		mg/L		96	85 - 115

Lab Sample ID: 720-33471-6 MSD
Matrix: Water
Analysis Batch: 86796

Client Sample ID: C9-GW
Prep Type: Dissolved
Prep Batch: 86695

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		1.00	0.992		mg/L		99	85 - 115	2	20
Arsenic	ND		1.00	0.948		mg/L		94	85 - 115	1	20
Barium	1.2		1.00	2.14		mg/L		91	85 - 115	1	20
Beryllium	ND		1.00	0.987		mg/L		99	85 - 115	1	20
Cadmium	ND		1.00	0.956		mg/L		96	85 - 115	1	20
Chromium	0.029		1.00	1.02		mg/L		100	85 - 115	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-33471-6 MSD — **Client Sample ID: C9-GW**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 86796 — **Prep Batch: 86695**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cobalt	0.031		1.00	0.986		mg/L		95	85 - 115	1	20
Copper	0.039		1.00	1.03		mg/L		99	85 - 115	0	20
Lead	0.0094		1.00	0.969		mg/L		96	85 - 115	1	20
Molybdenum	0.016		1.00	0.997		mg/L		98	85 - 115	2	20
Nickel	0.15		1.00	1.11		mg/L		95	85 - 115	1	20
Selenium	ND		1.00	0.997		mg/L		100	85 - 115	2	20
Silver	ND		0.500	0.529		mg/L		106	85 - 115	1	20
Thallium	ND		1.00	0.942		mg/L		94	85 - 115	1	20
Vanadium	0.022		1.00	1.06		mg/L		103	85 - 115	1	20
Zinc	0.029		1.00	1.00		mg/L		98	85 - 115	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 720-86668/2-A — **Client Sample ID: LCS 720-86668/2-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86774 — **Prep Batch: 86668**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.0100	0.0105		mg/L		105	80 - 120

Lab Sample ID: LCSD 720-86668/3-A — **Client Sample ID: LCSD 720-86668/3-A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86774 — **Prep Batch: 86668**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.0102		mg/L		102	80 - 120	3	20

Lab Sample ID: 720-33462-D-1-D MS — **Client Sample ID: 720-33462-D-1-D MS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86774 — **Prep Batch: 86668**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	ND		0.0100	0.0121		mg/L		121	75 - 125

Lab Sample ID: 720-33462-D-1-E MSD — **Client Sample ID: 720-33462-D-1-E MSD**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 86774 — **Prep Batch: 86668**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0120		mg/L		120	75 - 125	1	20

Lab Sample ID: MB 720-86530/1-D — **Client Sample ID: MB 720-86530/1-D**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 86774 — **Prep Batch: 86668**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		02/23/11 11:20	02/24/11 14:01	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-86571/1-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: MB 720-86571/1-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 11:04	02/22/11 17:12	1

Lab Sample ID: LCS 720-86571/2-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: LCS 720-86571/2-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.829		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 720-86571/3-A
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: LCSD 720-86571/3-A
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.858		mg/Kg		103	80 - 120	3	20

Lab Sample ID: 720-33387-A-10-E MS
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: 720-33387-A-10-E MS
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.067		0.862	0.983		mg/Kg		106	75 - 125

Lab Sample ID: 720-33387-A-10-F MSD
Matrix: Solid
Analysis Batch: 86627

Client Sample ID: 720-33387-A-10-F MSD
Prep Type: Total/NA
Prep Batch: 86571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.067		0.833	0.950		mg/Kg		106	75 - 125	3	20

Lab Sample ID: MB 720-86626/1-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: MB 720-86626/1-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		02/22/11 19:00	02/22/11 21:47	1

Lab Sample ID: LCS 720-86626/2-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: LCS 720-86626/2-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.850		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 720-86626/3-A
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: LCSD 720-86626/3-A
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.850		mg/Kg		102	80 - 120	0	20

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 720-33387-D-6-C MS
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: 720-33387-D-6-C MS
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Mercury	0.029		0.847	0.966		mg/Kg		111	75 - 125		

Lab Sample ID: 720-33387-D-6-D MSD
Matrix: Solid
Analysis Batch: 86636

Client Sample ID: 720-33387-D-6-D MSD
Prep Type: Total/NA
Prep Batch: 86626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.029		0.877	0.965		mg/Kg		107	75 - 125	0	20

GC/MS VOA

Analysis Batch: 86515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-7	C3-2	Total/NA	Solid	8260B/CA_LUFTMS	86562
720-33471-8	C3-5	Total/NA	Solid	8260B/CA_LUFTMS	86562
720-33471-9	C3-60	Total/NA	Solid	8260B/CA_LUFTMS	86562
720-33471-10	C6-2	Total/NA	Solid	8260B/CA_LUFTMS	86562
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	8260B/CA_LUFTMS	86562
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	8260B/CA_LUFTMS	86562

Analysis Batch: 86550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33463-A-10 MS	720-33463-A-10 MS	Total/NA	Water	8260B/CA_LUFTMS	
720-33463-A-10 MSD	720-33463-A-10 MSD	Total/NA	Water	8260B/CA_LUFTMS	
720-33471-4	C2GW	Total/NA	Water	8260B/CA_LUFTMS	
720-33471-5	C20GW	Total/NA	Water	8260B/CA_LUFTMS	
720-33471-6	C9-GW	Total/NA	Water	8260B/CA_LUFTMS	
MB 720-86550/4	MB 720-86550/4	Total/NA	Water	8260B/CA_LUFTMS	
LCS 720-86550/5	LCS 720-86550/5	Total/NA	Water	8260B/CA_LUFTMS	
LCSD 720-86550/6	LCSD 720-86550/6	Total/NA	Water	8260B/CA_LUFTMS	
LCS 720-86550/7	LCS 720-86550/7	Total/NA	Water	8260B/CA_LUFTMS	
LCSD 720-86550/8	LCSD 720-86550/8	Total/NA	Water	8260B/CA_LUFTMS	

Prep Batch: 86562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86562/1-A	MB 720-86562/1-A	Total/NA	Solid	5035	
720-33471-7	C3-2	Total/NA	Solid	5035	
720-33471-8	C3-5	Total/NA	Solid	5035	
720-33471-9	C3-60	Total/NA	Solid	5035	
720-33471-10	C6-2	Total/NA	Solid	5035	
LCS 720-86562/2-A	LCS 720-86562/2-A	Total/NA	Solid	5035	
LCSD 720-86562/3-A	LCSD 720-86562/3-A	Total/NA	Solid	5035	
LCS 720-86562/4-A	LCS 720-86562/4-A	Total/NA	Solid	5035	
LCSD 720-86562/5-A	LCSD 720-86562/5-A	Total/NA	Solid	5035	

Analysis Batch: 86638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33511-A-6-B MS	720-33511-A-6-B MS	Total/NA	Solid	8260B/CA_LUFTMS	86666
720-33511-A-6-C MSD	720-33511-A-6-C MSD	Total/NA	Solid	8260B/CA_LUFTMS	86666
720-33471-3	IDW-COMP	Total/NA	Solid	8260B/CA_LUFTMS	86666

GC/MS VOA (Continued)

Analysis Batch: 86638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86666/1-A	MB 720-86666/1-A	Total/NA	Solid	8260B/CA_LUFTMS	86666
LCS 720-86666/2-A	LCS 720-86666/2-A	Total/NA	Solid	8260B/CA_LUFTMS	86666
LCSD 720-86666/3-A	LCSD 720-86666/3-A	Total/NA	Solid	8260B/CA_LUFTMS	86666
LCS 720-86666/4-A	LCS 720-86666/4-A	Total/NA	Solid	8260B/CA_LUFTMS	86666
LCSD 720-86666/5-A	LCSD 720-86666/5-A	Total/NA	Solid	8260B/CA_LUFTMS	86666

Prep Batch: 86666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86666/1-A	MB 720-86666/1-A	Total/NA	Solid	5030B	
720-33511-A-6-B MS	720-33511-A-6-B MS	Total/NA	Solid	5030B	
720-33511-A-6-C MSD	720-33511-A-6-C MSD	Total/NA	Solid	5030B	
720-33471-3	IDW-COMP	Total/NA	Solid	5030B	
LCS 720-86666/2-A	LCS 720-86666/2-A	Total/NA	Solid	5030B	
LCSD 720-86666/3-A	LCSD 720-86666/3-A	Total/NA	Solid	5030B	
LCS 720-86666/4-A	LCS 720-86666/4-A	Total/NA	Solid	5030B	
LCSD 720-86666/5-A	LCSD 720-86666/5-A	Total/NA	Solid	5030B	

GC/MS Semi VOA

Prep Batch: 86589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86589/1-A	MB 720-86589/1-A	Total/NA	Solid	3550B	
LCS 720-86589/2-A	LCS 720-86589/2-A	Total/NA	Solid	3550B	
LCSD 720-86589/3-A	LCSD 720-86589/3-A	Total/NA	Solid	3550B	
720-33471-3	IDW-COMP	Total/NA	Solid	3550B	

Prep Batch: 86591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86591/1-A	MB 720-86591/1-A	Total/NA	Solid	3550B	
LCS 720-86591/2-A	LCS 720-86591/2-A	Total/NA	Solid	3550B	
LCSD 720-86591/3-A	LCSD 720-86591/3-A	Total/NA	Solid	3550B	
720-33471-7	C3-2	Total/NA	Solid	3550B	
720-33471-8	C3-5	Total/NA	Solid	3550B	
720-33471-8 MS	C3-5	Total/NA	Solid	3550B	
720-33471-8 MSD	C3-5	Total/NA	Solid	3550B	
720-33471-9	C3-60	Total/NA	Solid	3550B	
720-33471-10	C6-2	Total/NA	Solid	3550B	

Analysis Batch: 86671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86591/2-A	LCS 720-86591/2-A	Total/NA	Solid	8270C SIM	86591
720-33471-7	C3-2	Total/NA	Solid	8270C SIM	86591
720-33471-8	C3-5	Total/NA	Solid	8270C SIM	86591
720-33471-8 MS	C3-5	Total/NA	Solid	8270C SIM	86591
720-33471-8 MSD	C3-5	Total/NA	Solid	8270C SIM	86591
720-33471-10	C6-2	Total/NA	Solid	8270C SIM	86591
LCSD 720-86591/3-A	LCSD 720-86591/3-A	Total/NA	Solid	8270C SIM	86591
MB 720-86591/1-A	MB 720-86591/1-A	Total/NA	Solid	8270C SIM	86591
720-33471-9	C3-60	Total/NA	Solid	8270C SIM	86591

GC/MS Semi VOA (Continued)

Analysis Batch: 86758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-3	IDW-COMP	Total/NA	Solid	8270C	86589
LCS 720-86589/2-A	LCS 720-86589/2-A	Total/NA	Solid	8270C	86589
LCSD 720-86589/3-A	LCSD 720-86589/3-A	Total/NA	Solid	8270C	86589
MB 720-86589/1-A	MB 720-86589/1-A	Total/NA	Solid	8270C	86589

GC Semi VOA

Prep Batch: 86500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86500/1-A	MB 720-86500/1-A	Total/NA	Solid	3550B	
720-33471-10	C6-2	Total/NA	Solid	3550B	
LCS 720-86500/2-A	LCS 720-86500/2-A	Total/NA	Solid	3550B	
LCSD 720-86500/3-A	LCSD 720-86500/3-A	Total/NA	Solid	3550B	
720-33471-3	IDW-COMP	Total/NA	Solid	3550B	

Analysis Batch: 86554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86500/1-A	MB 720-86500/1-A	Total/NA	Solid	8081A	86500
LCS 720-86500/2-A	LCS 720-86500/2-A	Total/NA	Solid	8081A	86500
LCSD 720-86500/3-A	LCSD 720-86500/3-A	Total/NA	Solid	8081A	86500
720-33471-3	IDW-COMP	Total/NA	Solid	8081A	86500
720-33471-10	C6-2	Total/NA	Solid	8081A	86500

Prep Batch: 86590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86590/1-A	MB 720-86590/1-A	Total/NA	Solid	3550B	
720-33471-9 MSD	C3-60	Total/NA	Solid	3550B	
720-33471-10	C6-2	Total/NA	Solid	3550B	
LCS 720-86590/2-A	LCS 720-86590/2-A	Total/NA	Solid	3550B	
LCSD 720-86590/3-A	LCSD 720-86590/3-A	Total/NA	Solid	3550B	
720-33471-3	IDW-COMP	Total/NA	Solid	3550B	
720-33471-7	C3-2	Total/NA	Solid	3550B	
720-33471-8	C3-5	Total/NA	Solid	3550B	
720-33471-9	C3-60	Total/NA	Solid	3550B	
720-33471-9 MS	C3-60	Total/NA	Solid	3550B	

Prep Batch: 86604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86604/1-A	MB 720-86604/1-A	Total/NA	Water	3510C	
720-33471-4	C2GW	Total/NA	Water	3510C	
720-33471-5	C20GW	Total/NA	Water	3510C	
LCS 720-86604/2-A	LCS 720-86604/2-A	Total/NA	Water	3510C	
720-33471-6	C9-GW	Total/NA	Water	3510C	
LCSD 720-86604/3-A	LCSD 720-86604/3-A	Total/NA	Water	3510C	

Analysis Batch: 86640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86604/3-A	LCSD 720-86604/3-A	Total/NA	Water	8015B	86604
MB 720-86604/1-A	MB 720-86604/1-A	Total/NA	Water	8015B	86604
720-33471-4	C2GW	Total/NA	Water	8015B	86604
720-33471-5	C20GW	Total/NA	Water	8015B	86604
720-33471-6	C9-GW	Total/NA	Water	8015B	86604

GC Semi VOA (Continued)

Analysis Batch: 86640 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86604/2-A	LCS 720-86604/2-A	Total/NA	Water	8015B	86604

Analysis Batch: 86642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86590/3-A	LCSD 720-86590/3-A	Total/NA	Solid	8015B	86590
MB 720-86590/1-A	MB 720-86590/1-A	Total/NA	Solid	8015B	86590
720-33471-7	C3-2	Total/NA	Solid	8015B	86590
720-33471-8	C3-5	Total/NA	Solid	8015B	86590
720-33471-9 MS	C3-60	Total/NA	Solid	8015B	86590
720-33471-9 MSD	C3-60	Total/NA	Solid	8015B	86590
LCS 720-86590/2-A	LCS 720-86590/2-A	Total/NA	Solid	8015B	86590

Analysis Batch: 86725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-3	IDW-COMP	Total/NA	Solid	8015B	86590
720-33471-10	C6-2	Total/NA	Solid	8015B	86590

Analysis Batch: 86804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-9	C3-60	Total/NA	Solid	8015B	86590

Metals

Prep Batch: 86571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	
720-33471-7	C3-2	Total/NA	Solid	7471A	
720-33471-8	C3-5	Total/NA	Solid	7471A	
720-33471-9	C3-60	Total/NA	Solid	7471A	
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	
720-33387-A-10-E MS	720-33387-A-10-E MS	Total/NA	Solid	7471A	
720-33387-A-10-F MSD	720-33387-A-10-F MSD	Total/NA	Solid	7471A	

Prep Batch: 86614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	3050B	
720-33433-A-5-R MSD	720-33433-A-5-R MSD	Total/NA	Solid	3050B	
720-33471-3	IDW-COMP	Total/NA	Solid	3050B	
720-33471-7	C3-2	Total/NA	Solid	3050B	
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	3050B	
720-33471-8	C3-5	Total/NA	Solid	3050B	
720-33471-9	C3-60	Total/NA	Solid	3050B	
720-33471-10	C6-2	Total/NA	Solid	3050B	
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	3050B	
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	3050B	
720-33433-A-5-Q MS	720-33433-A-5-Q MS	Total/NA	Solid	3050B	

Prep Batch: 86626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 86626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	
720-33387-D-6-C MS	720-33387-D-6-C MS	Total/NA	Solid	7471A	
720-33387-D-6-D MSD	720-33387-D-6-D MSD	Total/NA	Solid	7471A	
720-33471-10	C6-2	Total/NA	Solid	7471A	
720-33471-3	IDW-COMP	Total/NA	Solid	7471A	

Analysis Batch: 86627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33387-A-10-F MSD	720-33387-A-10-F MSD	Total/NA	Solid	7471A	86571
720-33471-7	C3-2	Total/NA	Solid	7471A	86571
720-33471-8	C3-5	Total/NA	Solid	7471A	86571
720-33471-9	C3-60	Total/NA	Solid	7471A	86571
MB 720-86571/1-A	MB 720-86571/1-A	Total/NA	Solid	7471A	86571
LCS 720-86571/2-A	LCS 720-86571/2-A	Total/NA	Solid	7471A	86571
LCSD 720-86571/3-A	LCSD 720-86571/3-A	Total/NA	Solid	7471A	86571
720-33387-A-10-E MS	720-33387-A-10-E MS	Total/NA	Solid	7471A	86571

Analysis Batch: 86636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-3	IDW-COMP	Total/NA	Solid	7471A	86626
MB 720-86626/1-A	MB 720-86626/1-A	Total/NA	Solid	7471A	86626
LCS 720-86626/2-A	LCS 720-86626/2-A	Total/NA	Solid	7471A	86626
LCSD 720-86626/3-A	LCSD 720-86626/3-A	Total/NA	Solid	7471A	86626
720-33387-D-6-C MS	720-33387-D-6-C MS	Total/NA	Solid	7471A	86626
720-33387-D-6-D MSD	720-33387-D-6-D MSD	Total/NA	Solid	7471A	86626
720-33471-10	C6-2	Total/NA	Solid	7471A	86626

Prep Batch: 86668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-6	C9-GW	Dissolved	Water	7470A	
LCS 720-86668/2-A	LCS 720-86668/2-A	Total/NA	Water	7470A	
LCSD 720-86668/3-A	LCSD 720-86668/3-A	Total/NA	Water	7470A	
720-33462-D-1-D MS	720-33462-D-1-D MS	Total/NA	Water	7470A	
720-33462-D-1-E MSD	720-33462-D-1-E MSD	Total/NA	Water	7470A	
MB 720-86530/1-D	MB 720-86530/1-D	Dissolved	Water	7470A	
720-33471-4	C2GW	Dissolved	Water	7470A	
720-33471-5	C20GW	Dissolved	Water	7470A	

Analysis Batch: 86683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86614/1-A	MB 720-86614/1-A	Total/NA	Solid	6010B	86614
720-33433-A-5-R MSD	720-33433-A-5-R MSD	Total/NA	Solid	6010B	86614
LCS 720-86614/2-A	LCS 720-86614/2-A	Total/NA	Solid	6010B	86614
720-33471-3	IDW-COMP	Total/NA	Solid	6010B	86614
720-33471-7	C3-2	Total/NA	Solid	6010B	86614
720-33471-8	C3-5	Total/NA	Solid	6010B	86614
720-33471-9	C3-60	Total/NA	Solid	6010B	86614
720-33471-10	C6-2	Total/NA	Solid	6010B	86614
LCSSRM 720-86614/25-A	LCSSRM 720-86614/25-A	Total/NA	Solid	6010B	86614
LCSD 720-86614/3-A	LCSD 720-86614/3-A	Total/NA	Solid	6010B	86614
720-33433-A-5-Q MS	720-33433-A-5-Q MS	Total/NA	Solid	6010B	86614

Metals (Continued)

Prep Batch: 86695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86695/2-A	LCS 720-86695/2-A	Total Recoverable	Water	3005A	
LCSD 720-86695/3-A	LCSD 720-86695/3-A	Total Recoverable	Water	3005A	
MB 720-86530/1-E	MB 720-86530/1-E	Dissolved	Water	3005A	
720-33471-6 MS	C9-GW	Dissolved	Water	3005A	
720-33471-6 MSD	C9-GW	Dissolved	Water	3005A	
720-33471-6	C9-GW	Dissolved	Water	3005A	
720-33471-4	C2GW	Dissolved	Water	3005A	
720-33471-5	C20GW	Dissolved	Water	3005A	

Analysis Batch: 86774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-33471-4	C2GW	Dissolved	Water	7470A	86668
720-33471-5	C20GW	Dissolved	Water	7470A	86668
720-33471-6	C9-GW	Dissolved	Water	7470A	86668
LCS 720-86668/2-A	LCS 720-86668/2-A	Total/NA	Water	7470A	86668
LCSD 720-86668/3-A	LCSD 720-86668/3-A	Total/NA	Water	7470A	86668
720-33462-D-1-D MS	720-33462-D-1-D MS	Total/NA	Water	7470A	86668
720-33462-D-1-E MSD	720-33462-D-1-E MSD	Total/NA	Water	7470A	86668
MB 720-86530/1-D	MB 720-86530/1-D	Dissolved	Water	7470A	86668

Analysis Batch: 86796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-86695/2-A	LCS 720-86695/2-A	Total Recoverable	Water	6010B	86695
LCSD 720-86695/3-A	LCSD 720-86695/3-A	Total Recoverable	Water	6010B	86695
720-33471-6 MS	C9-GW	Dissolved	Water	6010B	86695
720-33471-6 MSD	C9-GW	Dissolved	Water	6010B	86695
720-33471-6	C9-GW	Dissolved	Water	6010B	86695
720-33471-4	C2GW	Dissolved	Water	6010B	86695
720-33471-5	C20GW	Dissolved	Water	6010B	86695

Analysis Batch: 86832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-86530/1-E	MB 720-86530/1-E	Dissolved	Water	6010B	86695

Client Sample ID: IDW-COMP

Lab Sample ID: 720-33471-3

Date Collected: 02/18/11 09:00

Matrix: Solid

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			86666	02/23/11 07:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86638	02/23/11 18:52	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86589	02/22/11 20:42	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C		2	86758	02/24/11 19:04	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86500	02/18/11 20:54	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86554	02/22/11 16:56	EC	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86725	02/24/11 17:43	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 22:04	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:43	EFH	TestAmerica San Francisco

Client Sample ID: C2GW

Lab Sample ID: 720-33471-4

Date Collected: 02/18/11 09:15

Matrix: Water

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86550	02/22/11 17:33	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86604	02/22/11 16:08	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86640	02/23/11 19:21	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86668	02/23/11 11:20	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86774	02/24/11 14:03	ET	TestAmerica San Francisco
Dissolved	Prep	3005A			86695	02/23/11 14:59	sk	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86796	02/24/11 20:18	BA	TestAmerica San Francisco

Client Sample ID: C20GW

Lab Sample ID: 720-33471-5

Date Collected: 02/18/11 08:30

Matrix: Water

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86550	02/22/11 18:04	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86604	02/22/11 16:08	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86640	02/23/11 19:44	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86668	02/23/11 11:20	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86774	02/24/11 14:06	ET	TestAmerica San Francisco
Dissolved	Prep	3005A			86695	02/23/11 14:59	sk	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86796	02/24/11 20:23	BA	TestAmerica San Francisco

Client Sample ID: C9-GW

Lab Sample ID: 720-33471-6

Date Collected: 02/18/11 12:00

Matrix: Water

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	86550	02/22/11 18:34	YB	TestAmerica San Francisco
Total/NA	Prep	3510C			86604	02/22/11 16:08	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86640	02/23/11 20:08	DH	TestAmerica San Francisco
Dissolved	Prep	7470A			86668	02/23/11 11:20	ET	TestAmerica San Francisco
Dissolved	Analysis	7470A		1	86774	02/24/11 14:08	ET	TestAmerica San Francisco
Dissolved	Prep	3005A			86695	02/23/11 14:59	sk	TestAmerica San Francisco
Dissolved	Analysis	6010B		1	86796	02/24/11 20:14	BA	TestAmerica San Francisco

Client Sample ID: C3-2

Lab Sample ID: 720-33471-7

Date Collected: 02/18/11 13:10

Matrix: Solid

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 22:55	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		2	86671	02/23/11 18:47	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		2	86642	02/23/11 17:19	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 18:13	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:47	EFH	TestAmerica San Francisco

Client Sample ID: C3-5

Lab Sample ID: 720-33471-8

Date Collected: 02/18/11 13:15

Matrix: Solid

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 23:26	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		5	86671	02/23/11 19:10	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86642	02/23/11 17:43	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 18:15	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 12:51	EFH	TestAmerica San Francisco

Client Sample ID: C3-60

Lab Sample ID: 720-33471-9

Date Collected: 02/18/11 13:20

Matrix: Solid

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/18/11 23:56	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		1	86671	02/23/11 13:23	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	86804	02/25/11 10:26	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86571	02/22/11 11:04	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86627	02/22/11 18:17	JR	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 13:04	EFH	TestAmerica San Francisco

Client Sample ID: C6-2

Lab Sample ID: 720-33471-10

Date Collected: 02/18/11 12:55

Matrix: Solid

Date Received: 02/18/11 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			86562	02/18/11 17:00	AC	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUFTMS		1	86515	02/19/11 00:27	AC	TestAmerica San Francisco
Total/NA	Prep	3550B			86591	02/22/11 13:07	AM	TestAmerica San Francisco
Total/NA	Analysis	8270C SIM		10	86671	02/23/11 20:19	ML	TestAmerica San Francisco
Total/NA	Prep	3550B			86500	02/18/11 20:54	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A		1	86554	02/22/11 17:13	EC	TestAmerica San Francisco
Total/NA	Prep	3550B			86590	02/22/11 13:04	AM	TestAmerica San Francisco
Total/NA	Analysis	8015B		3	86725	02/24/11 18:31	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			86626	02/22/11 19:00	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	86636	02/22/11 22:01	sk	TestAmerica San Francisco
Total/NA	Prep	3050B			86614	02/22/11 16:31	sk	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	86683	02/23/11 13:08	EFH	TestAmerica San Francisco

Certification Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33471-1

Laboratory	Authority	Program	EPA Region	Certification ID	* Expiration Date
TestAmerica San Francisco	California	State Program	9	2496	01/31/12

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.
* Any expired certifications in this list are currently pending renewal and are considered valid.

Method Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33471-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL SF
8270C SIM	PAHs by GCMS (SIM)	SW846	TAL SF
8015B	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8081A	Organochlorine Pesticides (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7470A	Mercury (CVAA)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: B1 CHESTNUT

TestAmerica Job ID: 720-33471-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-33471-3	IDW-COMP	Solid	02/18/11 09:00	02/18/11 14:05
720-33471-4	C2GW	Water	02/18/11 09:15	02/18/11 14:05
720-33471-5	C20GW	Water	02/18/11 08:30	02/18/11 14:05
720-33471-6	C9-GW	Water	02/18/11 12:00	02/18/11 14:05
720-33471-7	C3-2	Solid	02/18/11 13:10	02/18/11 14:05
720-33471-8	C3-5	Solid	02/18/11 13:15	02/18/11 14:05
720-33471-9	C3-60	Solid	02/18/11 13:20	02/18/11 14:05
720-33471-10	C6-2	Solid	02/18/11 12:55	02/18/11 14:05

San Francisco
1220 Quarry Lane

Pleasanton, CA 94566
phone 925.484.1919 fax 925.600.3002

720-33471 Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

12a798

TestAmerica Laboratories, Inc.

02/28/2011

Client Contact	Project Manager: ~~Giorgio Molinario~~ DES GARNER	Site Contact: G. RAGGAMBI	Date: 2/18/11	COC No: 1 of 1 COCs
URS Corporation	Tel/Fax:	Lab Contact:	Carrier:	
1 Montgomery St., Suite 900	**Analysis Turnaround Time**			Job No. 280c7405
San Francisco, CA 94014	Calendar (C) or Work Days (W) _____			SDG No.
415.896.5858 Phone	TAT if different from Below _____			
415.882.9261 FAX	☐ 2 weeks			
Project Name: 151 CHESTNUT	☐ 1 week 5 DAY			
Site: CHESTNUT ST	☐ 2 days			
PO# 280c7405	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	TPH-g + BTEX 8015M	TPH-d/mo 8015M	CAM 17 6010	VOCs 8260B	SVOCs 8270	Pesticides 8081A	PAHs 8270C	Sample Specific Notes:
1DW-COMP	2/18/11	0900	G	S	2			X	X	X	X	X		LAB TO COMPOSITE
C2GW	2/18/11	0915	G	W	9		X	X	X	X				LAB TO FILTER CAM17
C20GW	2/18/11	0830	G	W	9		X	X	X	X				LAB TO FILTER CAM17
C9GW	2/18/11	1200	G	W	9		X	X	X	X				LAB TO FILTER CAM17
C3-2	2/18/11	1310	G	S	4		X	X	X				X	
C3-5	2/18/11	1315	G	S	4		X	X	X				X	
C3-60	2/18/11	1320	G	S	4		X	X	X				X	
CC-2	2/18/11	1255	G	S	4		X	X	X			X	X	
														+1 TEMP BLANK

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ■ Disposal By Lab ☐ Archive For _____ Months

~~Special Instructions/QC Requirements & Comments~~:
LAB TO COMPOSITE 1DW
LAB TO FILTER CAM 17 METALS

2°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	URS	2/18/11 1345	Gerald Maylan	TEST AMERICA	2-18-11 13:45
Relinquished by: Gerald Maylan	Company: TEST America	Date/Time: 2-18-11 14:06	Received by: Joan Miller	Company:	Date/Time: 2-18-11 1405
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Login Sample Receipt Check List

Client: URS Corporation

Job Number: 720-33471-1

Login Number: 33471
List Source: TestAmerica San Francisco
Creator: Mullen, Joan
List Number: 1

Question	T / F/ NA	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.	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 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	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.	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	

LEVEL III Data Validation Report

PROJECT: Chestnut

LABORATORY: Curtis & Tompkins, Berkeley, CA

LAB NUMBER: 28067905

SAMPLES: C2-SG, C3-SG, C4-SG, C5-SG, C6-SG, C1-SG

MATRIX: Soil Gas

Analysis	Volatile Organic Compounds TO-15
Holding Time	✓
Surrogate Recovery	✓
MS/MSD	NA
LCS (Blank Spike)	Note 1
Method Blanks	✓
Field Duplicates (C3-SG and C6-SG)	✓
Trip/Field/Equipment Blanks	NA
Reporting Limits	Note 2
Leakage	Note 3

✓ – QC criteria were met.

Notes:

1. The LCS and LCSD had 2-hexanone recovered at a mean percent recovery of 134 percent, which exceeded the QC acceptance range of 70 to 130 percent. Because 2-hexanone was not present in any of the samples, and because the percent recovery was high, no action was required.
2. All samples underwent an equivalent dilution due to pressure equalization of between 1.73 and 1.83. Reporting limits were increased over this factor.
3. Sample C6-SG was subject to a helium leakage of 1.3 percent by volume. This was too small to affect sample results.

Summary:

Based on this Level III validation, these data are usable for their intended purpose. None of these data were qualified or rejected.


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 226123
ANALYTICAL REPORT

URS Corporation
Post Montgomery Center
San Francisco, CA 94104

Project : 28067905
Location : Chestnut
Level : II

Sample ID	Lab ID
C2-SG	226123-001
C3-SG	226123-002
C4-SG	226123-003
C5-SG	226123-004
C6-SG	226123-005
C1-SG	226123-006

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 03/03/2011
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**226123**
Client:	**URS Corporation**
Project:	**28067905**
Location:	**Chestnut**
Request Date:	**02/16/11, 02/17/11**
Samples Received:	**02/16/11, 02/17/11**

This data package contains sample and QC results for six air samples, requested for the above referenced project on 02/16/11 and 02/17/11. The samples were received cold and intact.

Volatile Organics in Air by MS (EPA TO-15):
High response was observed for 2-hexanone in the CCV analyzed 03/02/11 13:41; affected data was qualified with "b". High recoveries were observed for 2-hexanone in the BS/BSD for batch 172348; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946):
No analytical problems were encountered.

CHAIN OF CUSTODY

Page 1 of 1

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 226123

Project No: 28067905
Project Name: T51 CHESTNUT
Project P.O.:
Turnaround Time: ~~24 Hr C3 & C6~~ 24

Sampler: G RAGGAMBI, L HAMMEL
Report To: Des Garner
Company: URS
Telephone: 415.896.5858
Fax: 415.882.9261

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	Matrix: AIR	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Analyses: TO-15	Analyses	STARTING CANISTER PRESSURE	END CANISTER PRESSURE
1	C2-SG	2/16/11 1125				X	1					X	X		30	4
2	C3-SG	2/16/11 1452				X	1					X	X	HOLD	30	4
3	C4-SG	2/16/11 1515				X	1					X	X		30	4
4	C5-SG	2/16/11 1534				X	1					X	X		30	4
5	C6-SG	2/16/11 1415				X	1					X	X	HOLD	30	4
6	C1-SG	2/16/11 1558				X	1					X	X		30	4

Notes: EDD REQUIRED
C3 + C6 Hold!

C3-SG resampled 2·17·11 1452
C6-SG resampled 2·17·11 1400

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
[signature]	2/16/11 1713	Pat [signature]	2/16/11 1713

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # _____

Project No: 25067905
Project Name: T31 CHESTNUTT
Project P. O. No:
EDD Format: Report Level ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: G. Raggambi, L. Hammel
Report To: Des Gamer
Company: URS Corp
Telephone: 415-894-5858
Email:

Lab No.	Sample ID.	SAMPLING		MATRIX				# of Containers	CHEMICAL PRESERVATIVE					ANALYTICAL REQUEST			
		Date Collected	Time Collected	Water	Solid	Air			HCl	H2SO4	HNO3	NaOH	None	TO-15	Original / when STARTED (mmHg)	Remaining (mmHg)	
	C3-SG	2/17/11	1452			X		1					X	X	29	4	
	C6-SG	2/17/11	1400			X		1					X	X	29	4	

Notes:

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 2/17/11 TIME: 1705
DATE: TIME:
DATE: TIME:

RECEIVED BY:
DATE: 2/17/11 TIME: 1705
DATE: TIME:
DATE: TIME:

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C2-SG	Diln Fac:	1.830
Lab ID:	226123-001	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	48	0.92	82	1.6
Freon 12	ND	0.92	ND	4.5
Freon 114	ND	0.92	ND	6.4
Chloromethane	ND	0.92	ND	1.9
Vinyl Chloride	ND	0.92	ND	2.3
1,3-Butadiene	ND	0.92	ND	2.0
Bromomethane	ND	0.92	ND	3.6
Chloroethane	ND	0.92	ND	2.4
Trichlorofluoromethane	ND	0.92	ND	5.1
Acrolein	ND	3.7	ND	8.4
1,1-Dichloroethene	ND	0.92	ND	3.6
Freon 113	ND	0.92	ND	7.0
Acetone	5.6	3.7	13	8.7
Carbon Disulfide	ND	0.92	ND	2.8
Methylene Chloride	ND	0.92	ND	3.2
trans-1,2-Dichloroethene	ND	0.92	ND	3.6
n-Hexane	31	0.92	110	3.2
1,1-Dichloroethane	ND	0.92	ND	3.7
Vinyl Acetate	ND	0.92	ND	3.2
cis-1,2-Dichloroethene	ND	0.92	ND	3.6
2-Butanone	ND	0.92	ND	2.7
Ethyl Acetate	ND	0.92	ND	3.3
Tetrahydrofuran	ND	0.92	ND	2.7
Chloroform	ND	0.92	ND	4.5
1,1,1-Trichloroethane	ND	0.92	ND	5.0
Cyclohexane	6.1	0.92	21	3.1
Carbon Tetrachloride	ND	0.92	ND	5.8
Benzene	1.7	0.92	5.4	2.9
1,2-Dichloroethane	ND	0.92	ND	3.7
n-Heptane	7.8	0.92	32	3.7
Trichloroethene	ND	0.92	ND	4.9
1,2-Dichloropropane	ND	0.92	ND	4.2
Bromodichloromethane	ND	0.92	ND	6.1
cis-1,3-Dichloropropene	ND	0.92	ND	4.2
4-Methyl-2-Pentanone	ND	0.92	ND	3.7

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C2-SG	Diln Fac:	1.830
Lab ID:	226123-001	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	1.6	0.92	6.1	3.4
trans-1,3-Dichloropropene	ND	0.92	ND	4.2
1,1,2-Trichloroethane	ND	0.92	ND	5.0
Tetrachloroethene	0.94	0.92	6.3	6.2
2-Hexanone	ND	0.92	ND	3.7
Dibromochloromethane	ND	0.92	ND	7.8
1,2-Dibromoethane	ND	0.92	ND	7.0
Chlorobenzene	ND	0.92	ND	4.2
Ethylbenzene	ND	0.92	ND	4.0
m,p-Xylenes	ND	0.92	ND	4.0
o-Xylene	ND	0.92	ND	4.0
Styrene	ND	0.92	ND	3.9
Bromoform	0.95	0.92	9.8	9.5
1,1,2,2-Tetrachloroethane	ND	0.92	ND	6.3
4-Ethyltoluene	ND	0.92	ND	4.5
1,3,5-Trimethylbenzene	ND	0.92	ND	4.5
1,2,4-Trimethylbenzene	ND	0.92	ND	4.5
1,3-Dichlorobenzene	ND	0.92	ND	5.5
1,4-Dichlorobenzene	ND	0.92	ND	5.5
Benzyl chloride	ND	0.92	ND	4.7
1,2-Dichlorobenzene	ND	0.92	ND	5.5
1,2,4-Trichlorobenzene	ND	0.92	ND	6.8
Hexachlorobutadiene	ND	0.92	ND	9.8

Surrogate	%REC	Limits
Bromofluorobenzene	96	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C3-SG	Diln Fac:	1.730
Lab ID:	226123-002	Batch#:	172348
Matrix:	Air	Sampled:	02/17/11
Units (V):	ppbv	Received:	02/17/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	3.3	0.87	5.7	1.5
Freon 12	ND	0.87	ND	4.3
Freon 114	ND	0.87	ND	6.0
Chloromethane	ND	0.87	ND	1.8
Vinyl Chloride	ND	0.87	ND	2.2
1,3-Butadiene	ND	0.87	ND	1.9
Bromomethane	ND	0.87	ND	3.4
Chloroethane	ND	0.87	ND	2.3
Trichlorofluoromethane	ND	0.87	ND	4.9
Acrolein	ND	3.5	ND	7.9
1,1-Dichloroethene	ND	0.87	ND	3.4
Freon 113	ND	0.87	ND	6.6
Acetone	ND	3.5	ND	8.2
Carbon Disulfide	ND	0.87	ND	2.7
Methylene Chloride	ND	0.87	ND	3.0
trans-1,2-Dichloroethene	ND	0.87	ND	3.4
n-Hexane	ND	0.87	ND	3.0
1,1-Dichloroethane	ND	0.87	ND	3.5
Vinyl Acetate	ND	0.87	ND	3.0
cis-1,2-Dichloroethene	ND	0.87	ND	3.4
2-Butanone	ND	0.87	ND	2.6
Ethyl Acetate	ND	0.87	ND	3.1
Tetrahydrofuran	ND	0.87	ND	2.6
Chloroform	ND	0.87	ND	4.2
1,1,1-Trichloroethane	ND	0.87	ND	4.7
Cyclohexane	ND	0.87	ND	3.0
Carbon Tetrachloride	ND	0.87	ND	5.4
Benzene	ND	0.87	ND	2.8
1,2-Dichloroethane	ND	0.87	ND	3.5
n-Heptane	ND	0.87	ND	3.5
Trichloroethene	ND	0.87	ND	4.6
1,2-Dichloropropane	ND	0.87	ND	4.0
Bromodichloromethane	ND	0.87	ND	5.8
cis-1,3-Dichloropropene	ND	0.87	ND	3.9
4-Methyl-2-Pentanone	ND	0.87	ND	3.5

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C3-SG	Diln Fac:	1.730
Lab ID:	226123-002	Batch#:	172348
Matrix:	Air	Sampled:	02/17/11
Units (V):	ppbv	Received:	02/17/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.87	ND	3.3
trans-1,3-Dichloropropene	ND	0.87	ND	3.9
1,1,2-Trichloroethane	ND	0.87	ND	4.7
Tetrachloroethene	6.8	0.87	46	5.9
2-Hexanone	ND	0.87	ND	3.5
Dibromochloromethane	ND	0.87	ND	7.4
1,2-Dibromoethane	ND	0.87	ND	6.6
Chlorobenzene	ND	0.87	ND	4.0
Ethylbenzene	ND	0.87	ND	3.8
m,p-Xylenes	ND	0.87	ND	3.8
o-Xylene	ND	0.87	ND	3.8
Styrene	ND	0.87	ND	3.7
Bromoform	ND	0.87	ND	8.9
1,1,2,2-Tetrachloroethane	ND	0.87	ND	5.9
4-Ethyltoluene	ND	0.87	ND	4.3
1,3,5-Trimethylbenzene	ND	0.87	ND	4.3
1,2,4-Trimethylbenzene	ND	0.87	ND	4.3
1,3-Dichlorobenzene	ND	0.87	ND	5.2
1,4-Dichlorobenzene	ND	0.87	ND	5.2
Benzyl chloride	ND	0.87	ND	4.5
1,2-Dichlorobenzene	ND	0.87	ND	5.2
1,2,4-Trichlorobenzene	ND	0.87	ND	6.4
Hexachlorobutadiene	ND	0.87	ND	9.2

Surrogate	%REC	Limits
Bromofluorobenzene	92	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C4-SG	Diln Fac:	1.880
Lab ID:	226123-003	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	96	0.94	170	1.6
Freon 12	ND	0.94	ND	4.6
Freon 114	ND	0.94	ND	6.6
Chloromethane	ND	0.94	ND	1.9
Vinyl Chloride	ND	0.94	ND	2.4
1,3-Butadiene	6.5	0.94	14	2.1
Bromomethane	ND	0.94	ND	3.6
Chloroethane	ND	0.94	ND	2.5
Trichlorofluoromethane	ND	0.94	ND	5.3
Acrolein	ND	3.8	ND	8.6
1,1-Dichloroethene	ND	0.94	ND	3.7
Freon 113	ND	0.94	ND	7.2
Acetone	8.3	3.8	20	8.9
Carbon Disulfide	ND	0.94	ND	2.9
Methylene Chloride	ND	0.94	ND	3.3
trans-1,2-Dichloroethene	ND	0.94	ND	3.7
n-Hexane	2.0	0.94	7.1	3.3
1,1-Dichloroethane	ND	0.94	ND	3.8
Vinyl Acetate	ND	0.94	ND	3.3
cis-1,2-Dichloroethene	ND	0.94	ND	3.7
2-Butanone	1.2	0.94	3.6	2.8
Ethyl Acetate	ND	0.94	ND	3.4
Tetrahydrofuran	ND	0.94	ND	2.8
Chloroform	ND	0.94	ND	4.6
1,1,1-Trichloroethane	ND	0.94	ND	5.1
Cyclohexane	8.2	0.94	28	3.2
Carbon Tetrachloride	ND	0.94	ND	5.9
Benzene	4.4	0.94	14	3.0
1,2-Dichloroethane	ND	0.94	ND	3.8
n-Heptane	1.5	0.94	6.2	3.9
Trichloroethene	ND	0.94	ND	5.1
1,2-Dichloropropane	ND	0.94	ND	4.3
Bromodichloromethane	ND	0.94	ND	6.3
cis-1,3-Dichloropropene	ND	0.94	ND	4.3
4-Methyl-2-Pentanone	ND	0.94	ND	3.9

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C4-SG	Diln Fac:	1.880
Lab ID:	226123-003	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	4.2	0.94	16	3.5
trans-1,3-Dichloropropene	ND	0.94	ND	4.3
1,1,2-Trichloroethane	ND	0.94	ND	5.1
Tetrachloroethene	7.3	0.94	49	6.4
2-Hexanone	ND	0.94	ND	3.9
Dibromochloromethane	ND	0.94	ND	8.0
1,2-Dibromoethane	ND	0.94	ND	7.2
Chlorobenzene	ND	0.94	ND	4.3
Ethylbenzene	1.3	0.94	5.6	4.1
m,p-Xylenes	3.3	0.94	14	4.1
o-Xylene	ND	0.94	ND	4.1
Styrene	ND	0.94	ND	4.0
Bromoform	2.6	0.94	27	9.7
1,1,2,2-Tetrachloroethane	ND	0.94	ND	6.5
4-Ethyltoluene	ND	0.94	ND	4.6
1,3,5-Trimethylbenzene	ND	0.94	ND	4.6
1,2,4-Trimethylbenzene	ND	0.94	ND	4.6
1,3-Dichlorobenzene	ND	0.94	ND	5.7
1,4-Dichlorobenzene	ND	0.94	ND	5.7
Benzyl chloride	ND	0.94	ND	4.9
1,2-Dichlorobenzene	ND	0.94	ND	5.7
1,2,4-Trichlorobenzene	ND	0.94	ND	7.0
Hexachlorobutadiene	ND	0.94	ND	10

Surrogate	%REC	Limits
Bromofluorobenzene	97	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C5-SG	Units (M):	ug/m3
Lab ID:	226123-004	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11

Analyte	Result (V)	RL	Result (M)	RL	Diln Fac	Analyzed
Propylene	320	2.7	550	4.7	5.430	03/03/11
Freon 12	ND	0.91	ND	4.5	1.810	03/02/11
Freon 114	ND	0.91	ND	6.3	1.810	03/02/11
Chloromethane	ND	0.91	ND	1.9	1.810	03/02/11
Vinyl Chloride	ND	0.91	ND	2.3	1.810	03/02/11
1,3-Butadiene	35	0.91	77	2.0	1.810	03/02/11
Bromomethane	ND	0.91	ND	3.5	1.810	03/02/11
Chloroethane	ND	0.91	ND	2.4	1.810	03/02/11
Trichlorofluoromethane	ND	0.91	ND	5.1	1.810	03/02/11
Acrolein	ND	3.6	ND	8.3	1.810	03/02/11
1,1-Dichloroethene	ND	0.91	ND	3.6	1.810	03/02/11
Freon 113	ND	0.91	ND	6.9	1.810	03/02/11
Acetone	16	3.6	39	8.6	1.810	03/02/11
Carbon Disulfide	1.8	0.91	5.6	2.8	1.810	03/02/11
Methylene Chloride	ND	0.91	ND	3.1	1.810	03/02/11
trans-1,2-Dichloroethene	ND	0.91	ND	3.6	1.810	03/02/11
n-Hexane	6.7	0.91	23	3.2	1.810	03/02/11
1,1-Dichloroethane	ND	0.91	ND	3.7	1.810	03/02/11
Vinyl Acetate	ND	0.91	ND	3.2	1.810	03/02/11
cis-1,2-Dichloroethene	ND	0.91	ND	3.6	1.810	03/02/11
2-Butanone	3.3	0.91	9.6	2.7	1.810	03/02/11
Ethyl Acetate	ND	0.91	ND	3.3	1.810	03/02/11
Tetrahydrofuran	ND	0.91	ND	2.7	1.810	03/02/11
Chloroform	ND	0.91	ND	4.4	1.810	03/02/11
1,1,1-Trichloroethane	ND	0.91	ND	4.9	1.810	03/02/11
Cyclohexane	7.4	0.91	25	3.1	1.810	03/02/11
Carbon Tetrachloride	ND	0.91	ND	5.7	1.810	03/02/11
Benzene	12	0.91	40	2.9	1.810	03/02/11
1,2-Dichloroethane	ND	0.91	ND	3.7	1.810	03/02/11
n-Heptane	3.7	0.91	15	3.7	1.810	03/02/11
Trichloroethene	ND	0.91	ND	4.9	1.810	03/02/11
1,2-Dichloropropane	ND	0.91	ND	4.2	1.810	03/02/11
Bromodichloromethane	ND	0.91	ND	6.1	1.810	03/02/11
cis-1,3-Dichloropropene	ND	0.91	ND	4.1	1.810	03/02/11
4-Methyl-2-Pentanone	ND	0.91	ND	3.7	1.810	03/02/11
Toluene	21	0.91	78	3.4	1.810	03/02/11

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C5-SG	Units (M):	ug/m3
Lab ID:	226123-004	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11

Analyte	Result (V)	RL	Result (M)	RL	Diln Fac	Analyzed
trans-1,3-Dichloropropene	ND	0.91	ND	4.1	1.810	03/02/11
1,1,2-Trichloroethane	ND	0.91	ND	4.9	1.810	03/02/11
Tetrachloroethene	5.1	0.91	35	6.1	1.810	03/02/11
2-Hexanone	ND	0.91	ND	3.7	1.810	03/02/11
Dibromochloromethane	ND	0.91	ND	7.7	1.810	03/02/11
1,2-Dibromoethane	ND	0.91	ND	7.0	1.810	03/02/11
Chlorobenzene	ND	0.91	ND	4.2	1.810	03/02/11
Ethylbenzene	14	0.91	61	3.9	1.810	03/02/11
m,p-Xylenes	36	0.91	150	3.9	1.810	03/02/11
o-Xylene	7.0	0.91	30	3.9	1.810	03/02/11
Styrene	ND	0.91	ND	3.9	1.810	03/02/11
Bromoform	2.1	0.91	22	9.4	1.810	03/02/11
1,1,2,2-Tetrachloroethane	ND	0.91	ND	6.2	1.810	03/02/11
4-Ethyltoluene	ND	0.91	ND	4.4	1.810	03/02/11
1,3,5-Trimethylbenzene	ND	0.91	ND	4.4	1.810	03/02/11
1,2,4-Trimethylbenzene	ND	0.91	ND	4.4	1.810	03/02/11
1,3-Dichlorobenzene	ND	0.91	ND	5.4	1.810	03/02/11
1,4-Dichlorobenzene	ND	0.91	ND	5.4	1.810	03/02/11
Benzyl chloride	ND	0.91	ND	4.7	1.810	03/02/11
1,2-Dichlorobenzene	ND	0.91	ND	5.4	1.810	03/02/11
1,2,4-Trichlorobenzene	ND	0.91	ND	6.7	1.810	03/02/11
Hexachlorobutadiene	ND	0.91	ND	9.7	1.810	03/02/11

Surrogate	%REC	Limits	Diln Fac	Analyzed
Bromofluorobenzene	101	70-130	1.810	03/02/11

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C6-SG	Diln Fac:	1.730
Lab ID:	226123-005	Batch#:	172348
Matrix:	Air	Sampled:	02/17/11
Units (V):	ppbv	Received:	02/17/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.87	ND	1.5
Freon 12	ND	0.87	ND	4.3
Freon 114	ND	0.87	ND	6.0
Chloromethane	ND	0.87	ND	1.8
Vinyl Chloride	ND	0.87	ND	2.2
1,3-Butadiene	ND	0.87	ND	1.9
Bromomethane	ND	0.87	ND	3.4
Chloroethane	ND	0.87	ND	2.3
Trichlorofluoromethane	ND	0.87	ND	4.9
Acrolein	ND	3.5	ND	7.9
1,1-Dichloroethene	ND	0.87	ND	3.4
Freon 113	ND	0.87	ND	6.6
Acetone	ND	3.5	ND	8.2
Carbon Disulfide	ND	0.87	ND	2.7
Methylene Chloride	ND	0.87	ND	3.0
trans-1,2-Dichloroethene	ND	0.87	ND	3.4
n-Hexane	ND	0.87	ND	3.0
1,1-Dichloroethane	ND	0.87	ND	3.5
Vinyl Acetate	ND	0.87	ND	3.0
cis-1,2-Dichloroethene	ND	0.87	ND	3.4
2-Butanone	ND	0.87	ND	2.6
Ethyl Acetate	ND	0.87	ND	3.1
Tetrahydrofuran	ND	0.87	ND	2.6
Chloroform	ND	0.87	ND	4.2
1,1,1-Trichloroethane	ND	0.87	ND	4.7
Cyclohexane	ND	0.87	ND	3.0
Carbon Tetrachloride	ND	0.87	ND	5.4
Benzene	ND	0.87	ND	2.8
1,2-Dichloroethane	ND	0.87	ND	3.5
n-Heptane	ND	0.87	ND	3.5
Trichloroethene	ND	0.87	ND	4.6
1,2-Dichloropropane	ND	0.87	ND	4.0
Bromodichloromethane	ND	0.87	ND	5.8
cis-1,3-Dichloropropene	ND	0.87	ND	3.9
4-Methyl-2-Pentanone	ND	0.87	ND	3.5

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C6-SG	Diln Fac:	1.730
Lab ID:	226123-005	Batch#:	172348
Matrix:	Air	Sampled:	02/17/11
Units (V):	ppbv	Received:	02/17/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.87	ND	3.3
trans-1,3-Dichloropropene	ND	0.87	ND	3.9
1,1,2-Trichloroethane	ND	0.87	ND	4.7
Tetrachloroethene	6.8	0.87	46	5.9
2-Hexanone	ND	0.87	ND	3.5
Dibromochloromethane	ND	0.87	ND	7.4
1,2-Dibromoethane	ND	0.87	ND	6.6
Chlorobenzene	ND	0.87	ND	4.0
Ethylbenzene	ND	0.87	ND	3.8
m,p-Xylenes	ND	0.87	ND	3.8
o-Xylene	ND	0.87	ND	3.8
Styrene	ND	0.87	ND	3.7
Bromoform	ND	0.87	ND	8.9
1,1,2,2-Tetrachloroethane	ND	0.87	ND	5.9
4-Ethyltoluene	ND	0.87	ND	4.3
1,3,5-Trimethylbenzene	ND	0.87	ND	4.3
1,2,4-Trimethylbenzene	ND	0.87	ND	4.3
1,3-Dichlorobenzene	ND	0.87	ND	5.2
1,4-Dichlorobenzene	ND	0.87	ND	5.2
Benzyl chloride	ND	0.87	ND	4.5
1,2-Dichlorobenzene	ND	0.87	ND	5.2
1,2,4-Trichlorobenzene	ND	0.87	ND	6.4
Hexachlorobutadiene	ND	0.87	ND	9.2

Surrogate	%REC	Limits
Bromofluorobenzene	96	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C1-SG	Diln Fac:	1.770
Lab ID:	226123-006	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	33	0.89	56	1.5
Freon 12	ND	0.89	ND	4.4
Freon 114	ND	0.89	ND	6.2
Chloromethane	ND	0.89	ND	1.8
Vinyl Chloride	ND	0.89	ND	2.3
1,3-Butadiene	4.4	0.89	9.6	2.0
Bromomethane	ND	0.89	ND	3.4
Chloroethane	ND	0.89	ND	2.3
Trichlorofluoromethane	ND	0.89	ND	5.0
Acrolein	ND	3.5	ND	8.1
1,1-Dichloroethene	ND	0.89	ND	3.5
Freon 113	ND	0.89	ND	6.8
Acetone	11	3.5	27	8.4
Carbon Disulfide	ND	0.89	ND	2.8
Methylene Chloride	ND	0.89	ND	3.1
trans-1,2-Dichloroethene	ND	0.89	ND	3.5
n-Hexane	1.1	0.89	3.7	3.1
1,1-Dichloroethane	ND	0.89	ND	3.6
Vinyl Acetate	ND	0.89	ND	3.1
cis-1,2-Dichloroethene	ND	0.89	ND	3.5
2-Butanone	2.1	0.89	6.2	2.6
Ethyl Acetate	ND	0.89	ND	3.2
Tetrahydrofuran	ND	0.89	ND	2.6
Chloroform	ND	0.89	ND	4.3
1,1,1-Trichloroethane	ND	0.89	ND	4.8
Cyclohexane	5.0	0.89	17	3.0
Carbon Tetrachloride	ND	0.89	ND	5.6
Benzene	2.8	0.89	8.9	2.8
1,2-Dichloroethane	ND	0.89	ND	3.6
n-Heptane	1.0	0.89	4.1	3.6
Trichloroethene	ND	0.89	ND	4.8
1,2-Dichloropropane	ND	0.89	ND	4.1
Bromodichloromethane	ND	0.89	ND	5.9
cis-1,3-Dichloropropene	ND	0.89	ND	4.0
4-Methyl-2-Pentanone	ND	0.89	ND	3.6

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Field ID:	C1-SG	Diln Fac:	1.770
Lab ID:	226123-006	Batch#:	172348
Matrix:	Air	Sampled:	02/16/11
Units (V):	ppbv	Received:	02/16/11
Units (M):	ug/m3	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	4.8	0.89	18	3.3
trans-1,3-Dichloropropene	ND	0.89	ND	4.0
1,1,2-Trichloroethane	ND	0.89	ND	4.8
Tetrachloroethene	ND	0.89	ND	6.0
2-Hexanone	ND	0.89	ND	3.6
Dibromochloromethane	ND	0.89	ND	7.5
1,2-Dibromoethane	ND	0.89	ND	6.8
Chlorobenzene	ND	0.89	ND	4.1
Ethylbenzene	1.5	0.89	6.4	3.8
m,p-Xylenes	4.4	0.89	19	3.8
o-Xylene	1.2	0.89	5.2	3.8
Styrene	ND	0.89	ND	3.8
Bromoform	0.96	0.89	10	9.1
1,1,2,2-Tetrachloroethane	ND	0.89	ND	6.1
4-Ethyltoluene	ND	0.89	ND	4.4
1,3,5-Trimethylbenzene	ND	0.89	ND	4.4
1,2,4-Trimethylbenzene	ND	0.89	ND	4.4
1,3-Dichlorobenzene	ND	0.89	ND	5.3
1,4-Dichlorobenzene	ND	0.89	ND	5.3
Benzyl chloride	ND	0.89	ND	4.6
1,2-Dichlorobenzene	ND	0.89	ND	5.3
1,2,4-Trichlorobenzene	ND	0.89	ND	6.6
Hexachlorobutadiene	ND	0.89	ND	9.4

Surrogate	%REC	Limits
Bromofluorobenzene	95	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11
Diln Fac:	1.000		

Type: BS Lab ID: QC582094

Analyte	Spiked	Result (V)	%REC	Limits
Propylene	10.00	9.655	97	70-130
Freon 12	10.00	9.219	92	70-130
Freon 114	10.00	9.783	98	70-130
Chloromethane	10.00	9.924	99	70-130
Vinyl Chloride	10.00	9.945	99	70-130
1,3-Butadiene	10.00	9.546	95	70-130
Bromomethane	10.00	9.128	91	70-130
Chloroethane	10.00	9.327	93	70-130
Trichlorofluoromethane	10.00	8.950	90	70-130
Acrolein	10.00	11.68	117	70-135
1,1-Dichloroethene	10.00	9.869	99	70-130
Freon 113	10.00	8.681	87	70-130
Acetone	10.00	10.34	103	70-130
Carbon Disulfide	10.00	9.390	94	70-130
Methylene Chloride	10.00	9.571	96	70-130
trans-1,2-Dichloroethene	10.00	9.553	96	70-130
n-Hexane	10.00	9.642	96	70-130
1,1-Dichloroethane	10.00	9.641	96	70-130
Vinyl Acetate	10.00	11.16	112	70-130
cis-1,2-Dichloroethene	10.00	9.315	93	70-130
2-Butanone	10.00	9.220	92	70-130
Ethyl Acetate	10.00	7.971	80	70-130
Tetrahydrofuran	10.00	10.40	104	70-130
Chloroform	10.00	8.661	87	70-130
1,1,1-Trichloroethane	10.00	9.784	98	70-130
Cyclohexane	10.00	10.57	106	70-130
Carbon Tetrachloride	10.00	7.166	72	70-130
Benzene	10.00	10.53	105	70-130
1,2-Dichloroethane	10.00	9.631	96	70-130
n-Heptane	10.00	10.93	109	70-130
Trichloroethene	10.00	9.624	96	70-130
1,2-Dichloropropane	10.00	12.01	120	70-130

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits
Bromodichloromethane	10.00	9.271	93	70-130
cis-1,3-Dichloropropene	10.00	10.68	107	70-130
4-Methyl-2-Pentanone	10.00	12.19	122	70-130
Toluene	10.00	10.36	104	70-130
trans-1,3-Dichloropropene	10.00	10.57	106	70-130
1,1,2-Trichloroethane	10.00	10.52	105	70-130
Tetrachloroethene	10.00	9.991	100	70-130
2-Hexanone	10.00	13.40 b	134 *	70-130
Dibromochloromethane	10.00	9.318	93	70-130
1,2-Dibromoethane	10.00	9.893	99	70-130
Chlorobenzene	10.00	10.24	102	70-130
Ethylbenzene	10.00	10.83	108	70-130
m,p-Xylenes	20.00	21.08	105	70-130
o-Xylene	10.00	10.77	108	70-130
Styrene	10.00	9.988	100	70-130
Bromoform	10.00	7.904	79	70-130
1,1,2,2-Tetrachloroethane	10.00	11.79	118	70-130
4-Ethyltoluene	10.00	10.99	110	70-130
1,3,5-Trimethylbenzene	10.00	10.60	106	70-130
1,2,4-Trimethylbenzene	10.00	11.48	115	70-130
1,3-Dichlorobenzene	10.00	10.70	107	70-130
1,4-Dichlorobenzene	10.00	10.78	108	70-130
Benzyl chloride	10.00	11.46	115	70-130
1,2-Dichlorobenzene	10.00	10.85	108	70-130
1,2,4-Trichlorobenzene	10.00	11.17	112	70-130
Hexachlorobutadiene	10.00	11.92	119	70-130

Surrogate	%REC	Limits
Bromofluorobenzene	100	70-130

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11
Diln Fac:	1.000		

Type: BSD Lab ID: QC582095

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
Propylene	10.00	10.44	104	70-130	8	20
Freon 12	10.00	9.147	91	70-130	1	20
Freon 114	10.00	9.582	96	70-130	2	20
Chloromethane	10.00	9.593	96	70-130	3	20
Vinyl Chloride	10.00	9.683	97	70-130	3	20
1,3-Butadiene	10.00	9.232	92	70-130	3	20
Bromomethane	10.00	8.882	89	70-130	3	20
Chloroethane	10.00	8.873	89	70-130	5	20
Trichlorofluoromethane	10.00	8.691	87	70-130	3	20
Acrolein	10.00	10.32	103	70-135	12	20
1,1-Dichloroethene	10.00	9.661	97	70-130	2	20
Freon 113	10.00	8.579	86	70-130	1	20
Acetone	10.00	10.06	101	70-130	3	20
Carbon Disulfide	10.00	9.283	93	70-130	1	20
Methylene Chloride	10.00	9.553	96	70-130	0	20
trans-1,2-Dichloroethene	10.00	9.252	93	70-130	3	20
n-Hexane	10.00	9.351	94	70-130	3	20
1,1-Dichloroethane	10.00	9.484	95	70-130	2	20
Vinyl Acetate	10.00	11.14	111	70-130	0	20
cis-1,2-Dichloroethene	10.00	9.213	92	70-130	1	20
2-Butanone	10.00	9.227	92	70-130	0	20
Ethyl Acetate	10.00	7.755	78	70-130	3	20
Tetrahydrofuran	10.00	10.27	103	70-130	1	20
Chloroform	10.00	8.642	86	70-130	0	20
1,1,1-Trichloroethane	10.00	9.468	95	70-130	3	20
Cyclohexane	10.00	10.24	102	70-130	3	28
Carbon Tetrachloride	10.00	7.037	70	70-130	2	21
Benzene	10.00	10.38	104	70-130	1	20
1,2-Dichloroethane	10.00	9.581	96	70-130	1	20
n-Heptane	10.00	10.82	108	70-130	1	25
Trichloroethene	10.00	9.663	97	70-130	0	20
1,2-Dichloropropane	10.00	11.55	116	70-130	4	39

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
Bromodichloromethane	10.00	9.102	91	70-130	2	20
cis-1,3-Dichloropropene	10.00	10.62	106	70-130	1	23
4-Methyl-2-Pentanone	10.00	12.22	122	70-130	0	20
Toluene	10.00	10.48	105	70-130	1	20
trans-1,3-Dichloropropene	10.00	10.70	107	70-130	1	20
1,1,2-Trichloroethane	10.00	10.63	106	70-130	1	20
Tetrachloroethene	10.00	9.999	100	70-130	0	20
2-Hexanone	10.00	13.38 b	134 *	70-130	0	20
Dibromochloromethane	10.00	9.135	91	70-130	2	20
1,2-Dibromoethane	10.00	9.882	99	70-130	0	20
Chlorobenzene	10.00	9.983	100	70-130	3	20
Ethylbenzene	10.00	10.94	109	70-130	1	20
m,p-Xylenes	20.00	21.37	107	70-130	1	32
o-Xylene	10.00	10.74	107	70-130	0	20
Styrene	10.00	9.966	100	70-130	0	20
Bromoform	10.00	7.870	79	70-130	0	20
1,1,2,2-Tetrachloroethane	10.00	11.26	113	70-130	5	20
4-Ethyltoluene	10.00	11.47	115	70-130	4	20
1,3,5-Trimethylbenzene	10.00	11.33	113	70-130	7	20
1,2,4-Trimethylbenzene	10.00	11.20	112	70-130	2	20
1,3-Dichlorobenzene	10.00	10.73	107	70-130	0	20
1,4-Dichlorobenzene	10.00	10.68	107	70-130	1	20
Benzyl chloride	10.00	11.61	116	70-130	1	20
1,2-Dichlorobenzene	10.00	11.34	113	70-130	4	20
1,2,4-Trichlorobenzene	10.00	11.54	115	70-130	3	20
Hexachlorobutadiene	10.00	11.99	120	70-130	1	20

Surrogate	%REC	Limits
Bromofluorobenzene	101	70-130

*= Value outside of QC limits; see narrative
b= See narrative
RPD= Relative Percent Difference
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC582096	Diln Fac:	1.000
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Propylene	ND	0.50	ND	0.86
Freon 12	ND	0.50	ND	2.5
Freon 114	ND	0.50	ND	3.5
Chloromethane	ND	0.50	ND	1.0
Vinyl Chloride	ND	0.50	ND	1.3
1,3-Butadiene	ND	0.50	ND	1.1
Bromomethane	ND	0.50	ND	1.9
Chloroethane	ND	0.50	ND	1.3
Trichlorofluoromethane	ND	0.50	ND	2.8
Acrolein	ND	2.0	ND	4.6
1,1-Dichloroethene	ND	0.50	ND	2.0
Freon 113	ND	0.50	ND	3.8
Acetone	ND	2.0	ND	4.8
Carbon Disulfide	ND	0.50	ND	1.6
Methylene Chloride	ND	0.50	ND	1.7
trans-1,2-Dichloroethene	ND	0.50	ND	2.0
n-Hexane	ND	0.50	ND	1.8
1,1-Dichloroethane	ND	0.50	ND	2.0
Vinyl Acetate	ND	0.50	ND	1.8
cis-1,2-Dichloroethene	ND	0.50	ND	2.0
2-Butanone	ND	0.50	ND	1.5
Ethyl Acetate	ND	0.50	ND	1.8
Tetrahydrofuran	ND	0.50	ND	1.5
Chloroform	ND	0.50	ND	2.4
1,1,1-Trichloroethane	ND	0.50	ND	2.7
Cyclohexane	ND	0.50	ND	1.7
Carbon Tetrachloride	ND	0.50	ND	3.1
Benzene	ND	0.50	ND	1.6
1,2-Dichloroethane	ND	0.50	ND	2.0
n-Heptane	ND	0.50	ND	2.0
Trichloroethene	ND	0.50	ND	2.7
1,2-Dichloropropane	ND	0.50	ND	2.3
Bromodichloromethane	ND	0.50	ND	3.4
cis-1,3-Dichloropropene	ND	0.50	ND	2.3
4-Methyl-2-Pentanone	ND	0.50	ND	2.0

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics in Air

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	EPA TO-15
Type:	BLANK	Units (M):	ug/m3
Lab ID:	QC582096	Diln Fac:	1.000
Matrix:	Air	Batch#:	172348
Units (V):	ppbv	Analyzed:	03/02/11

Analyte	Result (V)	RL	Result (M)	RL
Toluene	ND	0.50	ND	1.9
trans-1,3-Dichloropropene	ND	0.50	ND	2.3
1,1,2-Trichloroethane	ND	0.50	ND	2.7
Tetrachloroethene	ND	0.50	ND	3.4
2-Hexanone	ND	0.50	ND	2.0
Dibromochloromethane	ND	0.50	ND	4.3
1,2-Dibromoethane	ND	0.50	ND	3.8
Chlorobenzene	ND	0.50	ND	2.3
Ethylbenzene	ND	0.50	ND	2.2
m,p-Xylenes	ND	0.50	ND	2.2
o-Xylene	ND	0.50	ND	2.2
Styrene	ND	0.50	ND	2.1
Bromoform	ND	0.50	ND	5.2
1,1,2,2-Tetrachloroethane	ND	0.50	ND	3.4
4-Ethyltoluene	ND	0.50	ND	2.5
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5
1,2,4-Trimethylbenzene	ND	0.50	ND	2.5
1,3-Dichlorobenzene	ND	0.50	ND	3.0
1,4-Dichlorobenzene	ND	0.50	ND	3.0
Benzyl chloride	ND	0.50	ND	2.6
1,2-Dichlorobenzene	ND	0.50	ND	3.0
1,2,4-Trichlorobenzene	ND	0.50	ND	3.7
Hexachlorobutadiene	ND	0.50	ND	5.3

Surrogate	%REC	Limits
Bromofluorobenzene	85	70-130

ND= Not Detected
RL= Reporting Limit
Result M= Result in mass units
Result V= Result in volume units

Curtis & Tompkins, Ltd.

Analysis of Reformed Gas

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	ASTM D1946
Analyte:	Helium	Units (Mol %):	MOL %
Matrix:	Air	Batch#:	172309
Units:	ppmv	Analyzed:	03/01/11

Field ID	Type	Lab ID	Result	RL	Result (Mol %)	RL	Diln Fac	Sampled	Received
C2-SG	SAMPLE	226123-001	ND	1,800	ND	0.18	1.830	02/16/11	02/16/11
C3-SG	SAMPLE	226123-002	ND	1,700	ND	0.17	1.730	02/17/11	02/17/11
C4-SG	SAMPLE	226123-003	ND	1,900	ND	0.19	1.880	02/16/11	02/16/11
C5-SG	SAMPLE	226123-004	ND	1,800	ND	0.18	1.810	02/16/11	02/16/11
C6-SG	SAMPLE	226123-005	13,000	1,700	1.3	0.17	1.730	02/17/11	02/17/11
C1-SG	SAMPLE	226123-006	ND	1,800	ND	0.18	1.770	02/16/11	02/16/11
	BLANK	QC581922	ND	1,000	ND	0.10	1.000		

ND= Not Detected
RL= Reporting Limit
Result Mol %= Result in Mole Percent

Curtis & Tompkins, Ltd.

Batch QC Report

Analysis of Reformed Gas

Lab #:	226123	Location:	Chestnut
Client:	URS Corporation	Prep:	METHOD
Project#:	28067905	Analysis:	ASTM D1946
Analyte:	Helium	Diln Fac:	1.000
Matrix:	Air	Batch#:	172309
Units:	ppmv	Analyzed:	03/01/11

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC581923	10,000	12,250	122	70-130		
BSD	QC581924	10,000	11,510	115	70-130	6	20

RPD= Relative Percent Difference

APPENDIX B
BORING LOGS AND FIELD LOGS

This page intentionally left blank.

BORING C- 1

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				CL	**LEAN CLAY (CL)** yellowish brown, medium stiff, moist, very fine to fine sand.
5	DPT					
10						
15						
20						
25						
30						
35						

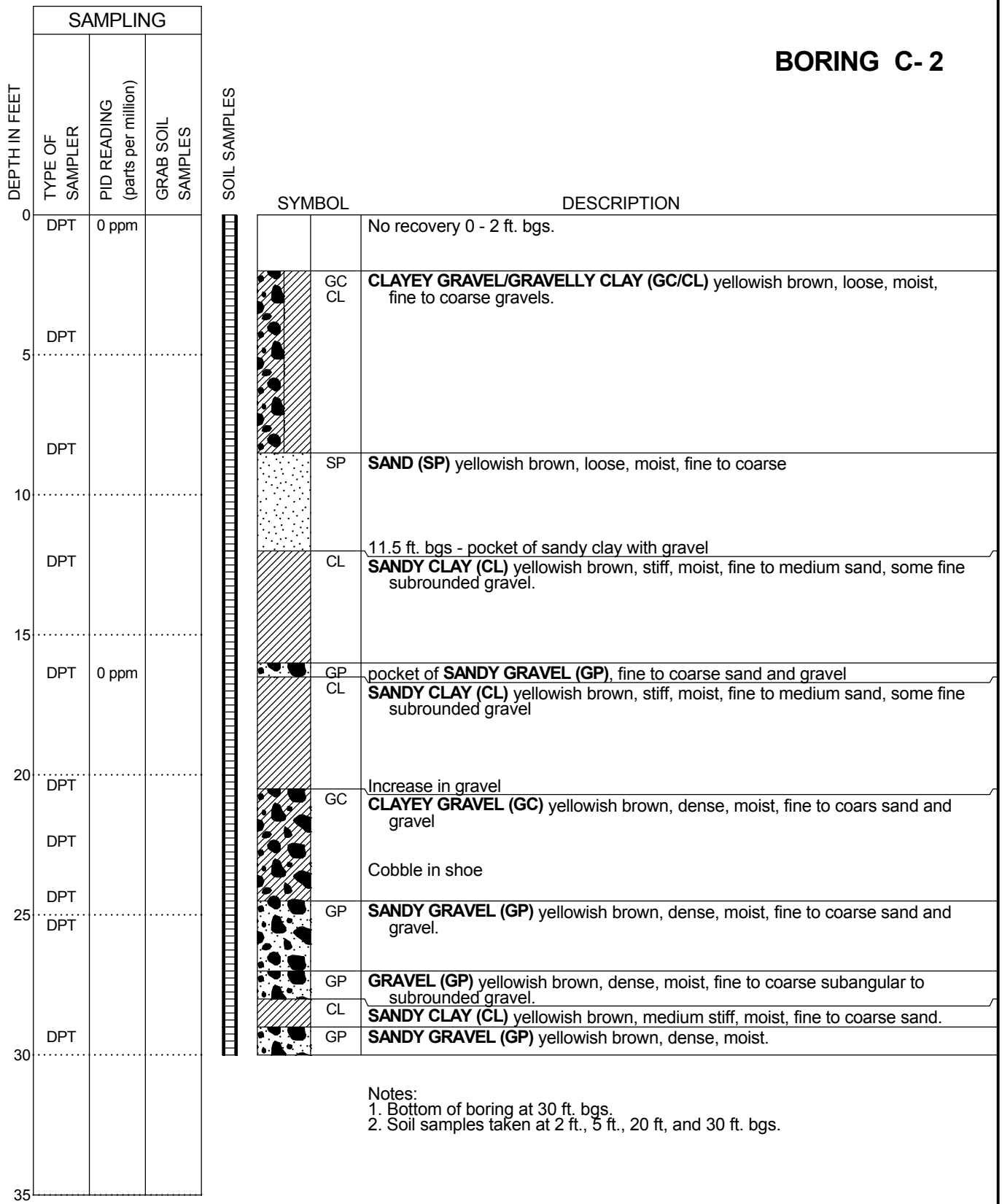
Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/16/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

Log Template: 14D March 14, 2011 PAGE 1 of 1

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C- 2



Notes:
1. Bottom of boring at 30 ft. bgs.
2. Soil samples taken at 2 ft., 5 ft., 20 ft, and 30 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/16/11 Boring Depth: 30 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

Log Template: 14D

March 14, 2011

BORING C- 3

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT	0 ppm				Surface asphalt
					GP	**SANDY GRAVEL (GP)**brown, loose, moist, fine to coarse sand, fine to coarse gravel **(FILL**), asphalt fragments, some clay.
					GC	**CLAYEY GRAVEL (GC)** dark greenish gray, medium dense, moist, fine to coarse gravel, some fine to coarse sand. 3 ft. bgs - grades yellowish brouwn, trace brick fragments and organics, becomes very moist at 4 ft. bgs **[FILL]**
	DPT					
5					SP	**SAND (SP)** yellowish brown, loose, moist to very moist, some fine to coarse, rounded to subroudned gravel, fine to coarse sand, trace clay **(ALLUVIUM**).
	DPT					
10						10 ft. bgs - pocket of stiff lean clay
						12 ft. bgs - becomes wet
	DPT				CL	**SANDY CLAY (CL)** yellowish brown, very stiff, moist, trace rounded pebbles, mottled olive with few, trace fine gravel, trace rootlets, very fine sand.
15						
	DPT					16 to 16.5 ft. bgs - pocket of coarse sand
						17 ft. bgs - becomes soft
						18 ft. bgs - becomes stiff
20	DPT					21 ft. bgs - poor recovery, increase in coarse gravel
	DPT				GC	**CLAYEY GRAVEL (GC)** dark greenish gray, moist to very moist, fine to coarse gravel.
25						26 ft. bgs - decrease in coarse gravel
	DPT				CL	**SANDY CLAY (CL)** yellowish brown, medium stiff, moist.
30						
35						

Notes:
1. Bottom of boring at 30 ft. bgs.
2. Soil samples taken at 2 ft., 5 ft., 20 ft, and 30 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 30 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

BORING C- 4

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				CL	**SANDY CLAY (CL)** yellowish brown, stiff, moist, fine to medium sand.
5	DPT					
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/16/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

Log Template: 14D March 14, 2011 PAGE 1 of 1

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C- 5

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				CL	**SANDY CLAY WITH GRAVEL (CL)** yellowish brown, stiff, fine sand with fine gravels.
5	DPT					

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/16/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

BORING C- 6

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				GC CL	**CLAYEY GRAVEL/GRAVELLY CLAY (GC/CL)** dark brown, loose, moist, fine to coarse, rounded to subrounded gravel
5	DPT				GP	**GRAVELLY SAND (GP)** yellowish brown, loose, moist, fine to coarse rounded gravel, fine to coarse sand.
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C- 7

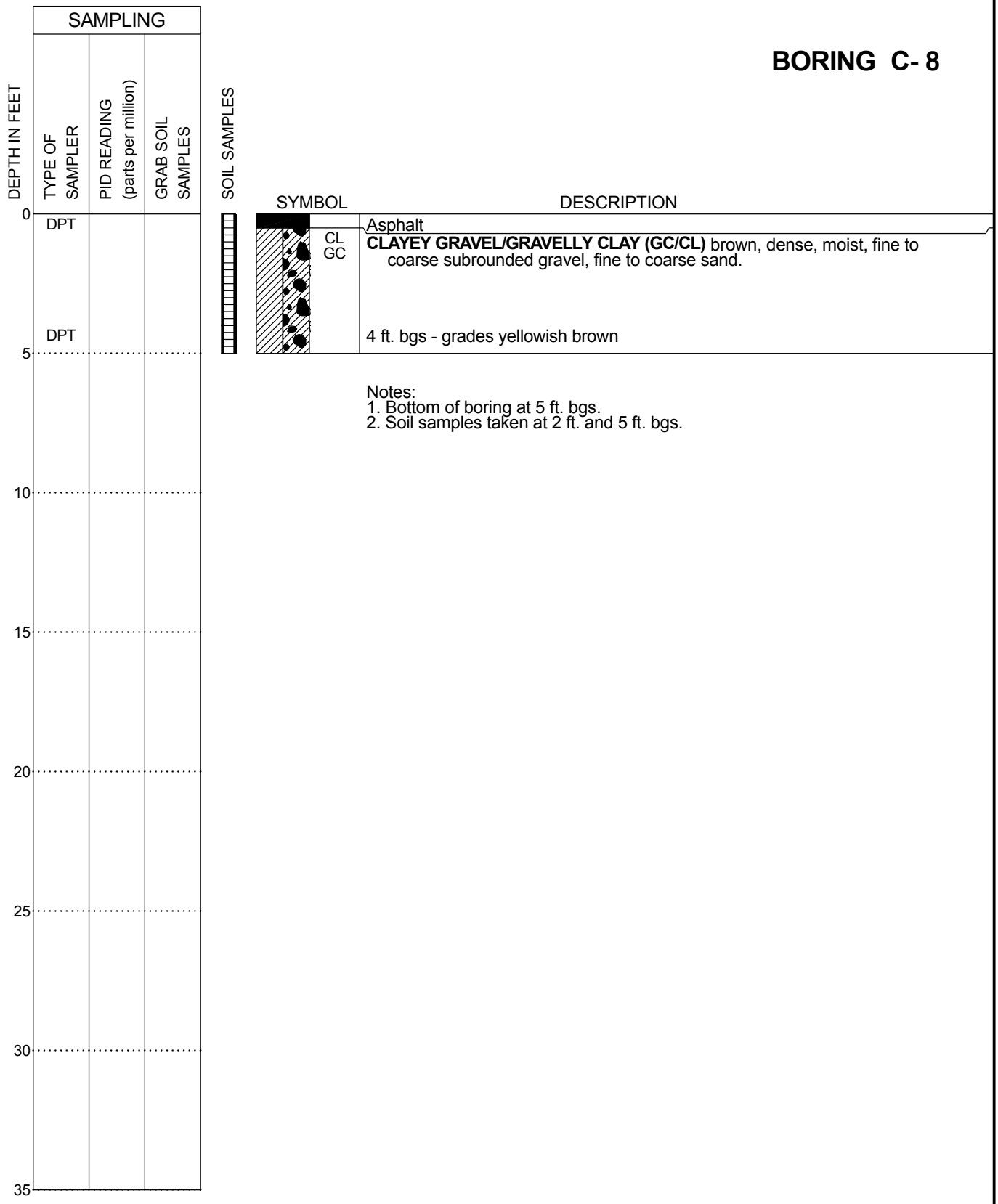
DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				GC CL	**CLAYEY GRAVEL/GRAVELLY CLAY (GC/CL)** dark brown, loose, moist, fine to coarse rounded to subrounded gravel.
5	DPT				GP	**GRAVELLY SAND (GP)** yellowish brown, loose, moist, fine to coarse rounded gravel, fine to coarse sand.
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C- 8

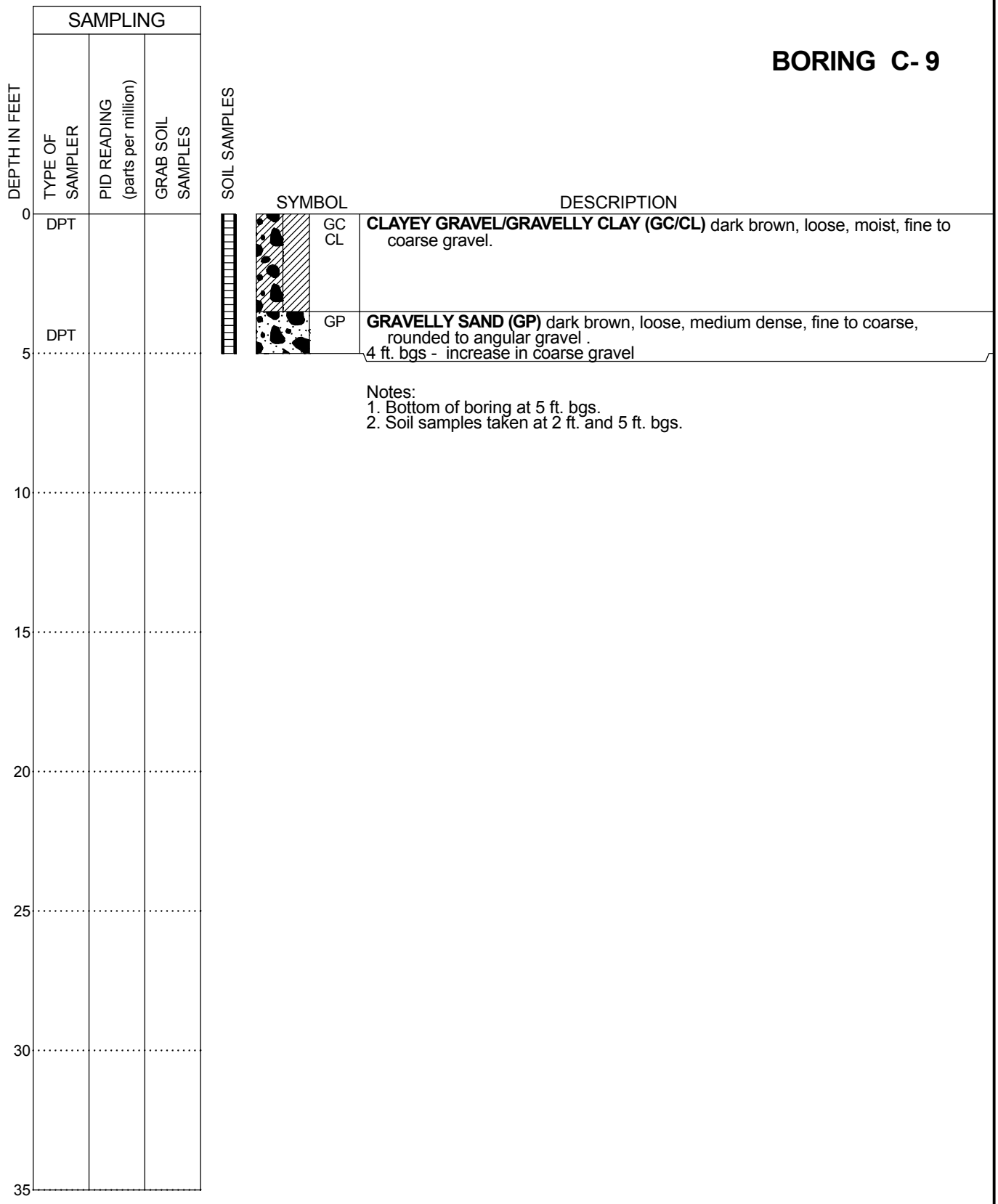


Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	Log of Boring
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C- 9



Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	Log of Boring
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C-10

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				CL	**SANDY CLAY WITH GRAVEL (CL)** yellowish brown, stiff, moist, with rounded gravel and some sand, rootlets.
	DPT				GP	**SANDY GRAVEL (GP)** yellowish brown, loose, moist, fine to coarse gravel, fine to coarse sand.
5						
10						
15						
20						
25						
30						
35						

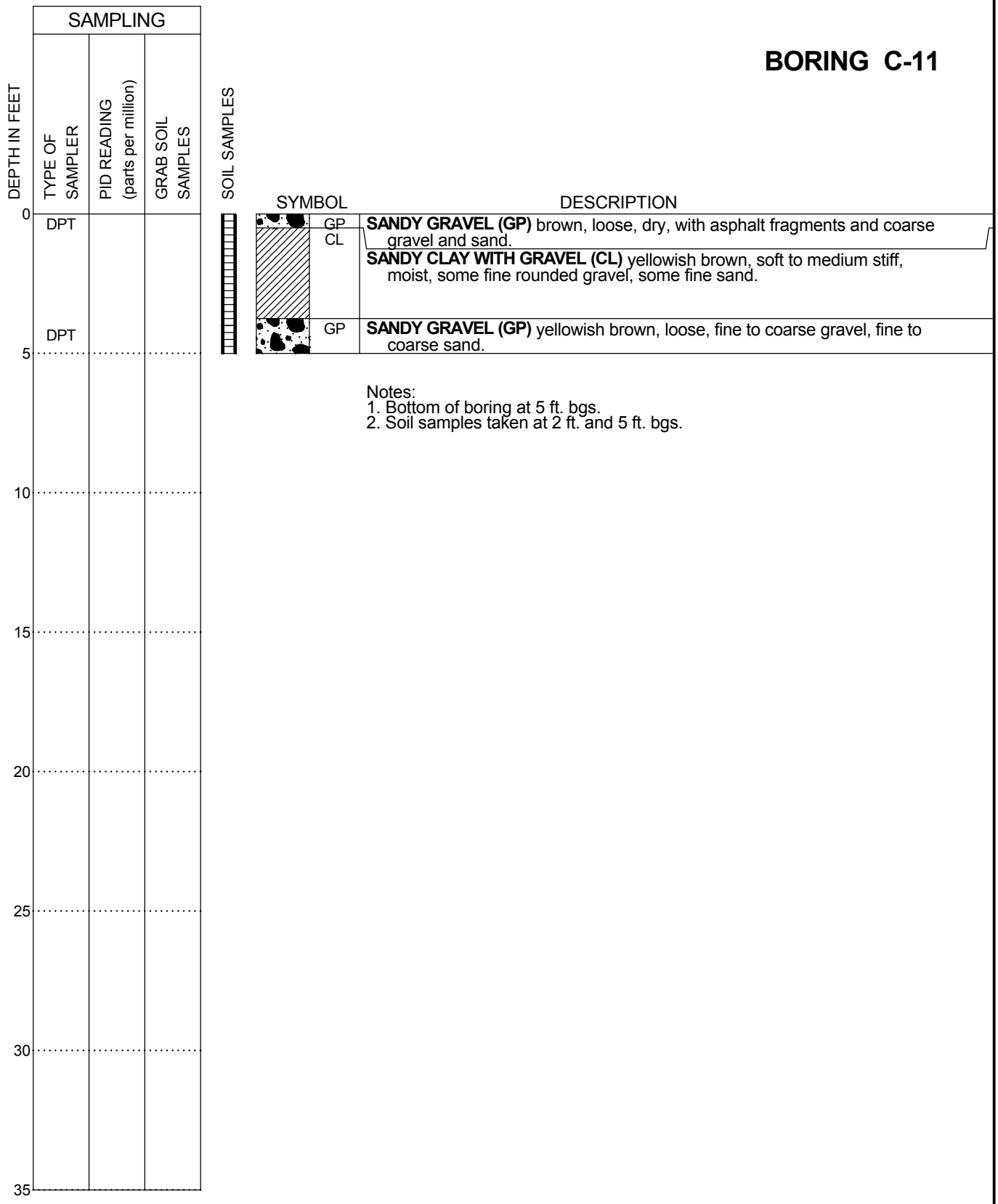
Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

Log Template: 14D March 14, 2011 PAGE 1 of 1

03/14/11...hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C-11



Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	Log of Boring
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C-12

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				GC CL	**CLAYEY GRAVEL/GRAVELLY CLAY (GC.CL)** yellowish brown, stiff, moist, coarse, rounded to subrounded gravel.
5	DPT				GP	**SANDY GRAVEL (GP)** yellowish brown, loose, moist, coarse to fine sands, coarse to fine, angular to rounded gravel.
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

BORING C-13

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				CL	**SANDY CLAY (CL)** yellowish brown, medium stiff, moist, with fine rounded gravels.
5	DPT				GC	**SANDY GRAVEL (GP)** yellowish brown, loose, moist, coarse to fine sand, angular to rounded gravel.
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

Log Template: 14D March 14, 2011 PAGE 1 of 1

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

BORING C-14

DEPTH IN FEET	SAMPLING: TYPE OF SAMPLER	SAMPLING: PID READING (parts per million)	SAMPLING: GRAB SOIL SAMPLES	SOIL SAMPLES	SYMBOL	DESCRIPTION
0	DPT				GC	**CLAYEY GRAVEL (GC)** dark brown, dense, moist, fine to coarse angular to subrounded gravel.
5	DPT				GP	**SANDY GRAVEL (GP)** yellowish brown, loose, moist, coarse, angular to subrounded gravel.
10						
15						
20						
25						
30						
35						

Notes:
1. Bottom of boring at 5 ft. bgs.
2. Soil samples taken at 2 ft. and 5 ft. bgs.

Job No: 28067905 Pt. ID: DTSC_CHESTNUT ST_FEB11.GPJ	URS	**Log of Boring**
Date Completed: 2/15/11 Boring Depth: 5 ft.	Driller: Gregg Drilling Drilling Method: Direct Push	Location: Chestnut Street Livermore, CA

Log Template: 14D March 14, 2011 PAGE 1 of 1

03/14/11..hk\vsa T:\Gint Project\Projects\dtsc_chestnut st_feb 11.gpj

URS
1 Montgomery Street, Suite 900
San Francisco, CA 94104
415.896.5858 Fax 415.882.9261

SAMPLING LOG SHEET

WELL SAMPLING

SITE NAME AND ADDRESS	JOB NUMBER	DATE
@ 751 CHESTNUT ST, LIVERMORE, CA	25007905	2/17/11

WELL NUMBER
C-1

WELL / WATER STATUS

DEPTH TO WATER (FROM TOP OF PVC)	47'	WELL DIAMETER	1.75"
DEPTH TO OIL	—	OIL SHEEN? (YES/NO)	NO
TOTAL DEPTH OF WELL	BORING TO 54'	WATER COLOR & ODOR; GENERAL WATER CONDITION	MUDDY WATER
IS WELL LOCKED? (YES/NO)	—		
IS THERE A WELL CAP? (YES/NO)	—		
REMARKS: (Weather/Area? Ground surface/Nearby activities/Etc.)	GRAB GW SAMPLE AT 57'		

FIELD READINGS

METHOD: LF ☐ STANDARD ☐

TIME	WATER LEVEL	PURGE RATE:	VOLUME PURGED	TEMP. ©	CONDUCT. at 25 C ~~(µs/cm)~~ mS/cm	D.O. (mg/L)	pH	REDOX POTENTIAL (mV)	TURBIDITY
1330	47'	NA	2.5L	19.26	1.017	7.43	7.61	80.5	NM

SAMPLE TAKEN

TIME: 1330	WATER LEVEL: 47'
OTHER NOTES: GRAB GW SAMPLE FROM 57'	

URS
1 Montgomery Street, Suite 900
San Francisco, CA 94104
415.896.5858 Fax 415.882.9261

SAMPLING LOG SHEET

WELL SAMPLING

SITE NAME AND ADDRESS	JOB NUMBER	DATE
751 CHESTNUT ST, LIVERMORE, CA	28007405	2/18/11

WELL NUMBER
C-2 * C-20 = Dupcat

WELL / WATER STATUS			
DEPTH TO WATER (FROM TOP OF PVC)	49'	WELL DIAMETER	1.75"
DEPTH TO OIL	—	OIL SHEEN? (YES/NO)	NO
TOTAL DEPTH OF WELL	Boring to 54'	WATER COLOR & ODOR; GENERAL WATER CONDITION	MUDDY WATER
IS WELL LOCKED? (YES/NO)	—		
IS THERE A WELL CAP? (YES/NO)	—		
REMARKS: (Weather/Area? Ground surface/Nearby activities/Etc.)	GRAB GW SAMPLE FROM 58'		

FIELD READINGS

METHOD: LF ☐ STANDARD ☐

TIME	WATER LEVEL	PURGE RATE:	VOLUME PURGED	TEMP. ©	CONDUCT. at 25 C ~~(us/cm)~~ mS/cm	D.O. (mg/L)	pH	REDOX POTENTIAL (mV)	TURBIDITY
0920	49'	NA	25L	18.39	0.912	7.81	7.65	16.5	NM

SAMPLE TAKEN

TIME:	0920	WATER LEVEL:	49'
OTHER NOTES:	GRAB GW SAMPLE FROM 58'		

URS
1 Montgomery Street, Suite 900
San Francisco, CA 94104
415.896.5858 Fax 415.882.9261

SAMPLING LOG SHEET

WELL SAMPLING

SITE NAME AND ADDRESS	JOB NUMBER	DATE
751 CHESTNUT ST, LIVERMORE, CA	26007905	2/18/11

WELL NUMBER
C-9

WELL / WATER STATUS

DEPTH TO WATER (FROM TOP OF PVC)	43'	WELL DIAMETER	1.75" ~~Purge~~
DEPTH TO OIL	—	OIL SHEEN? (YES/NO)	—
TOTAL DEPTH OF WELL	Boring to 55'	WATER COLOR & ODOR; GENERAL WATER CONDITION	MUDDY
IS WELL LOCKED? (YES/NO)	—		
IS THERE A WELL CAP? (YES/NO)	—		
REMARKS: (Weather/Area? Ground surface/Nearby activities/Etc.)	GRAB GW SAMPLE FROM 57.5'		

FIELD READINGS

METHOD: LF ☐ STANDARD ☐

TIME	WATER LEVEL	PURGE RATE:	VOLUME PURGED	TEMP. ©	CONDUCT. at 25 C ~~(µs/cm)~~ mS/cm	D.O. (mg/L)	pH	REDOX POTENTIAL (mV)	TURBIDITY
1200	43'	NA	2.5L	19.22	0.978	6.48	7.70	23.8	NM

SAMPLE TAKEN

TIME: 1200	WATER LEVEL: 43'
OTHER NOTES: GRAB GW SAMPLE TAKEN AT 57.5' BGS	

URS
1 Montgomery Street, Suite 900
San Francisco, CA 94104
415.896.5858 Fax 415.882.9261

SAMPLING LOG SHEET

WELL SAMPLING

SITE NAME AND ADDRESS	JOB NUMBER	DATE
151 CHESTNUT ST	26067905	2/17/11

WELL NUMBER
C-12

WELL / WATER STATUS

DEPTH TO WATER (FROM TOP OF PVC)	39'	WELL DIAMETER	— 1.75"
DEPTH TO OIL	—	OIL SHEEN? (YES/NO)	—
TOTAL DEPTH OF WELL	NA Boring to 55'	WATER COLOR & ODOR; GENERAL WATER CONDITION	Muddy WATER
IS WELL LOCKED? (YES/NO)	NA		
IS THERE A WELL CAP? (YES/NO)	NA		
REMARKS: (Weather/Area? Ground surface/Nearby activities/Etc.)	Grab GW Sample taken @ 52'		

FIELD READINGS

METHOD: LF ☐ STANDARD ☐ GRAB GW

TIME	WATER LEVEL	PURGE RATE:	VOLUME PURGED	TEMP. ©	CONDUCT. at 25 C ~~(µs/cm)~~ mS/cm	D.O. (mg/L)	pH	REDOX POTENTIAL (mV)	TURBIDITY
1120	39	NA	2.5L	19.5	1.028	6.90	7.31	66.6	NM

SAMPLE TAKEN

TIME: 1120	WATER LEVEL: 39'
OTHER NOTES: TAKEN FROM 52' BGS	

URS
1 Montgomery Street, Suite 900
San Francisco, CA 94104
415.896.5858 Fax 415.882.9261

SAMPLING LOG SHEET

WELL SAMPLING

SITE NAME AND ADDRESS	JOB NUMBER	DATE
751 CHESTNUT, LIVERMORE, CA	28047905	2/17/11

WELL NUMBER
C-14

WELL / WATER STATUS

DEPTH TO WATER (FROM TOP OF PVC)	49'	WELL DIAMETER	1.75"
DEPTH TO OIL	—	OIL SHEEN? (YES/NO)	—
TOTAL DEPTH OF WELL	Boring to 56'	WATER COLOR & ODOR; GENERAL WATER CONDITION	Sediment in water
IS WELL LOCKED? (YES/NO)	—		
IS THERE A WELL CAP? (YES/NO)	—		
REMARKS: (Weather/Area? Ground surface/Nearby activities/Etc.)	Grab GW, SAMPLED at 55' bgs		

FIELD READINGS

METHOD: LF ☐ STANDARD ☐ Grab GW

TIME	WATER LEVEL	PURGE RATE:	VOLUME PURGED	TEMP. ©	CONDUCT. at 25 C ~~(µs/cm)~~ mS/cm	D.O. (mg/L)	pH	REDOX POTENTIAL (mV)	TURBIDITY
0953	49'	NA	2.5 L	18.21	1.045	8.56	7.14	179.5	NM

SAMPLE TAKEN

TIME: 0953	WATER LEVEL: 49'
OTHER NOTES: TAKEN FROM 55' BGS - GRAB GW	

APPENDIX C
CONE PENETRATION TEST REPORT

This page intentionally left blank.

GREGG DRILLING & TESTING, INC.
GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

February 21, 2011

URS
Attn: Gus Raggambi

Subject: CPT Site Investigation
1635 Chestnut St.
Livermore, California
GREGG Project Number: 11-020MA

Dear Mr. Raggambi:

The following report presents the results of GREGG Drilling & Testing's Cone Penetration Test investigation for the above referenced site. The following testing services were performed:

1	Cone Penetration Tests	(CPTU)	☒
2	Pore Pressure Dissipation Tests	(PPD)	☒
3	Seismic Cone Penetration Tests	(SCPTU)	☐
4	UVOST Laser Induced Fluorescence	(UVOST)	☐
5	Groundwater Sampling	(GWS)	☒
6	Soil Sampling	(SS)	☐
7	Vapor Sampling	(VS)	☐
8	Pressuremeter Testing	(PMT)	☐
9	Vane Shear Testing	(VST)	☐
10	Dilatometer Testing	(DMT)	☐

A list of reference papers providing additional background on the specific tests conducted is provided in the bibliography following the text of the report. If you would like a copy of any of these publications or should you have any questions or comments regarding the contents of this report, please do not hesitate to contact our office at (925) 313-5800.

Sincerely,
GREGG Drilling & Testing, Inc.

Mary Walden
Operations Manager

Cone Penetration Test Sounding Summary

-Table 1-

CPT Sounding Identification	Date	Termination Depth (Feet)	Depth of Groundwater Samples (Feet)	Depth of Soil Samples (Feet)	Depth of Pore Pressure Dissipation Tests (Feet)
CPT-C1	2/17/11	54	54	-	54.1
CPT-C2	2/18/11	54	54	-	-
CPT-C9	2/18/11	55	55	-	-
CPT-C12	2/17/11	55	48	-	-
CPT-C14	2/17/11	57	55	-	47.6

Bibliography

Lunne, T., Robertson, P.K. and Powell, J.J.M., "Cone Penetration Testing in Geotechnical Practice" E & FN Spon. ISBN 0 419 23750, 1997

Roberston, P.K., "Soil Classification using the Cone Penetration Test", Canadian Geotechnical Journal, Vol. 27, 1990 pp. 151-158.

Mayne, P.W., "NHI (2002) Manual on Subsurface Investigations: Geotechnical Site Characterization", available through www.ce.gatech.edu/~geosys/Faculty/Mayne/papers/index.html, Section 5.3, pp. 107-112.

Robertson, P.K., R.G. Campanella, D. Gillespie and A. Rice, "Seismic CPT to Measure In-Situ Shear Wave Velocity", Journal of Geotechnical Engineering ASCE, Vol. 112, No. 8, 1986 pp. 791-803.

Robertson, P.K., Sully, J., Woeller, D.J., Lunne, T., Powell, J.J.M., and Gillespie, D.J., "Guidelines for Estimating Consolidation Parameters in Soils from Piezocone Tests", Canadian Geotechnical Journal, Vol. 29, No. 4, August 1992, pp. 539-550.

Robertson, P.K., T. Lunne and J.J.M. Powell, "Geo-Environmental Application of Penetration Testing", Geotechnical Site Characterization, Robertson & Mayne (editors), 1998 Balkema, Rotterdam, ISBN 90 5410 939 4 pp 35-47.

Campanella, R.G. and I. Weemees, "Development and Use of An Electrical Resistivity Cone for Groundwater Contamination Studies", Canadian Geotechnical Journal, Vol. 27 No. 5, 1990 pp. 557-567.

DeGroot, D.J. and A.J. Lutenegger, "Reliability of Soil Gas Sampling and Characterization Techniques", International Site Characterization Conference - Atlanta, 1998.

Woeller, D.J., P.K. Robertson, T.J. Boyd and Dave Thomas, "Detection of Polyaromatic Hydrocarbon Contaminants Using the UVIF-CPT", 53rd Canadian Geotechnical Conference Montreal, QC October pp. 733-739, 2000.

Zemo, D.A., T.A. Delfino, J.D. Gallinatti, V.A. Baker and L.R. Hilpert, "Field Comparison of Analytical Results from Discrete-Depth Groundwater Samplers" BAT EnviroProbe and QED HydroPunch, Sixth national Outdoor Action Conference, Las Vegas, Nevada Proceedings, 1992, pp 299-312.

Copies of ASTM Standards are available through www.astm.org

GREGG

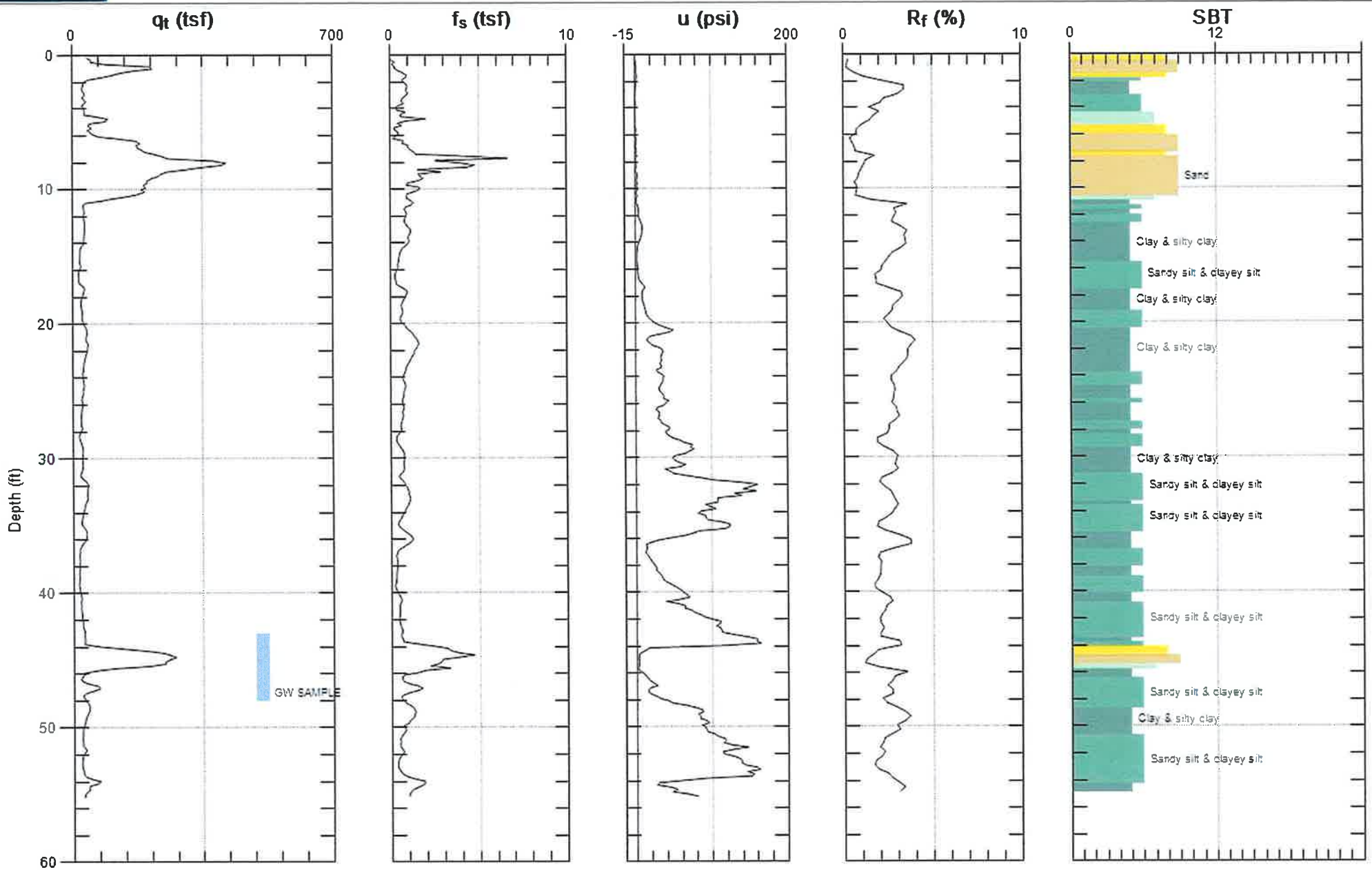
URS

Site: CHESTNUT ST.

Sounding: CPT-C12

Engineer: G.RAGGAMBI

Date: 2/17/2011 10:37



Max. Depth: 55.118 (ft)

Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

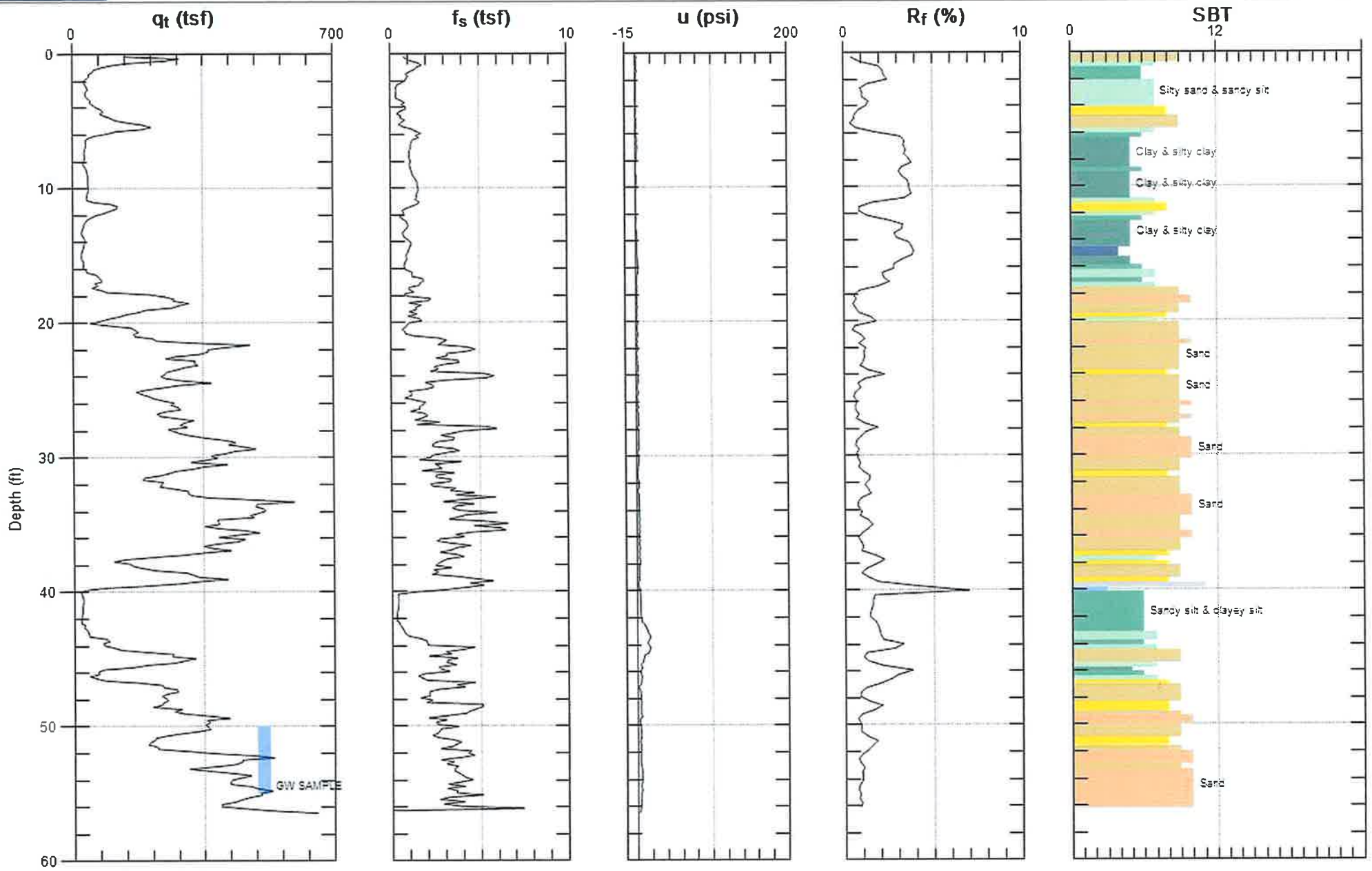
URS

Site: CHESTNUT ST.

Sounding: CPT-C14

Engineer: G.RAGGAMBI

Date: 2/17/2011 08:37



Max. Depth: 56.430 (ft)

Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

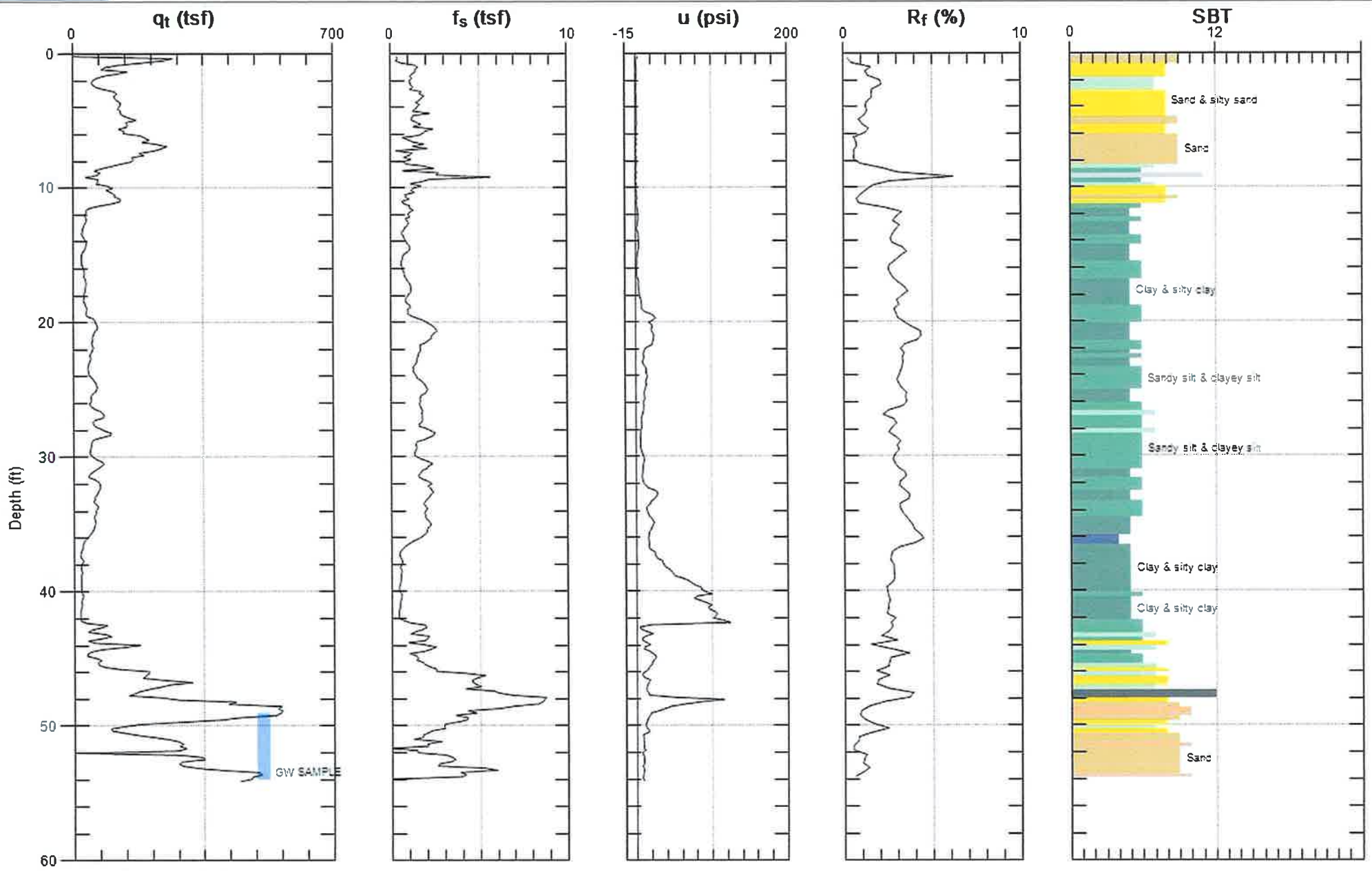
URS

Site: CHESTNUT ST.

Sounding: CPT-C1

Engineer: G.RAGGAMBI

Date: 2/17/2011 12:45



Max. Depth: 54.134 (ft)

Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

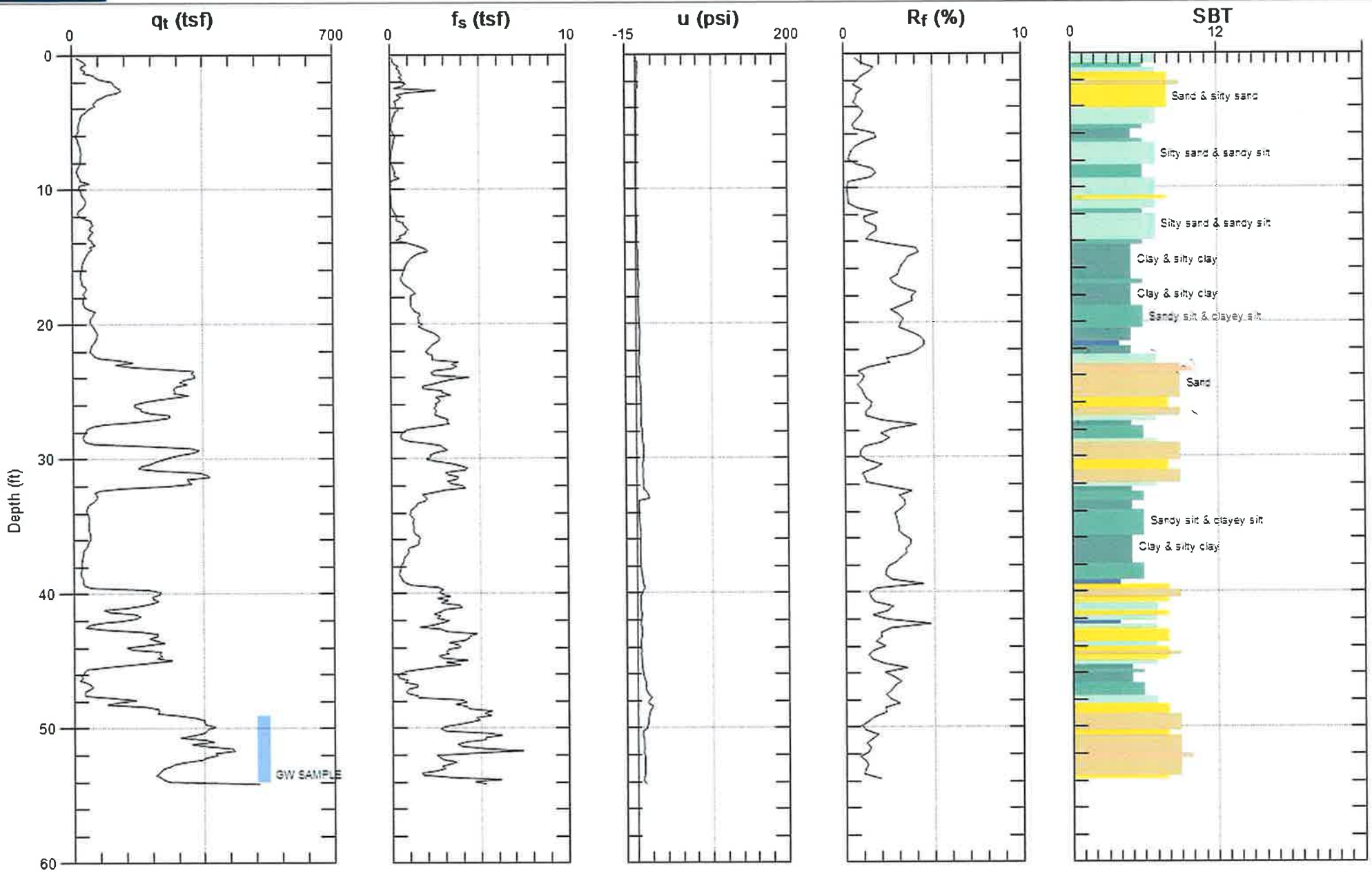
URS

Site: CHESTNUT ST.

Sounding: CPT-C2

Engineer: G.RAGGAMBI

Date: 2/18/2011 08:22



Max. Depth: 54.134 (ft)

Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG

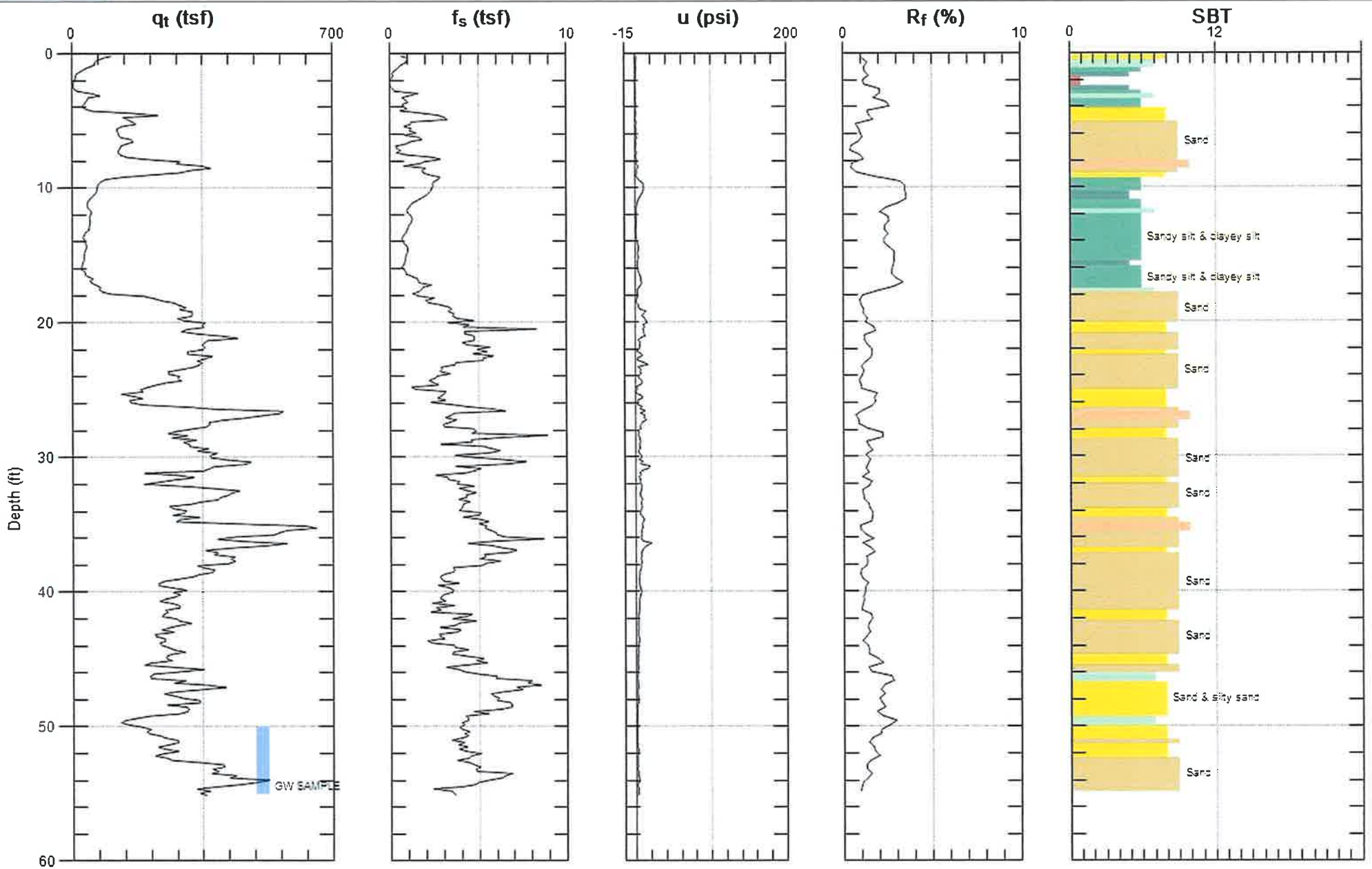
URS

Site: CHESTNUT ST.

Sounding: CPT-C9

Engineer: G.RAGGAMBI

Date: 2/18/2011 11:01



Max. Depth: 55.118 (ft)

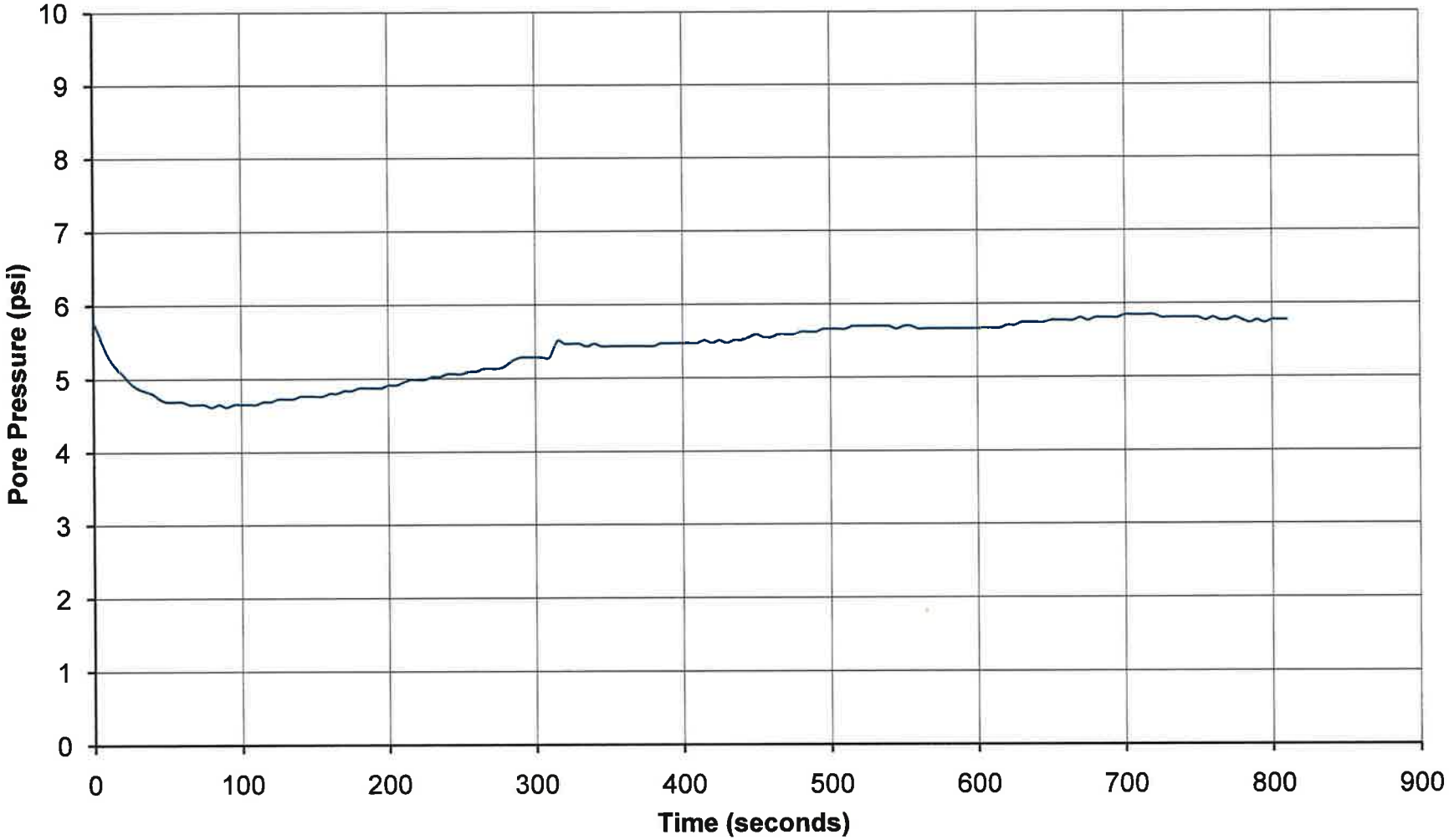
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

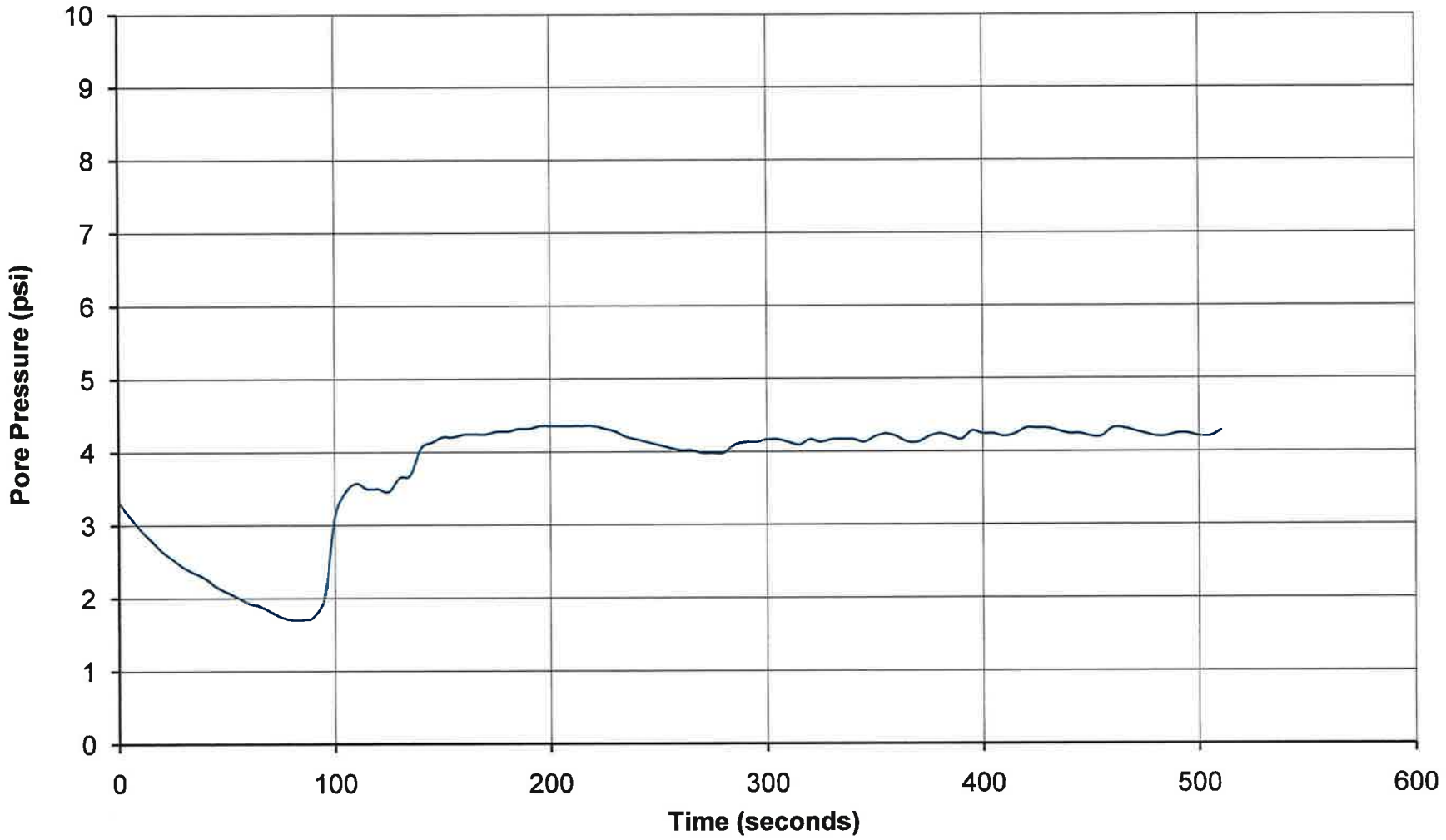
Sounding: CPT-C1
Depth: 54.133695
Site: CHESNUT ST.
Engineer: G.RAGGAMBI



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CPT-C14
Depth: 47.572035
Site: CHESNUT ST.
Engineer: G.RAGGAMBI



APPENDIX D
GEOPHYSICAL INVESTIGATION REPORT

This page intentionally left blank.

March 14, 2011

Mr. Des Gamer
URS Corporation (URS)
Post Montgomery Center
One Montgomery Street, Suite 900
San Francisco, CA 94104-4538

Subject: Geophysical Investigation
1625 Chestnut Street, Livermore, CA
NORCAL Job No. 11-628.123

Dear Mr. Garner:

This report presents the findings of the geophysical investigation performed by NORCAL Geophysical Consultants, Inc. at the subject property in Livermore, CA. The field survey was conducted on February 18, 2011 by NORCAL California Professional Geophysicist Donald J. Kirker. Logistical support was provided by Gus Raggambi of URS.

1.0 SITE DESCRIPTION AND PURPOSE

The subject property comprises a large shopping center building and asphalt covered parking lot. The area of investigation, as specified by URS, measures 70- by 100-ft and covers the northwest corner of the parking area adjacent to Chestnut Street. As shown on Plate 1, it is generally free from above ground objects, except for a chain link fence along the west border, parking stops and curbing with metal rebar, and planters with various vegetation. Because of heavy rain throughout the day, the planters were saturated and most of the asphalt paving was covered with standing water.

Site information, provided by URS, indicates that the survey area was formerly occupied by a gas station. It has been reported that when the station was decommissioned, the underground storage tanks (USTs) used to store gasoline were removed. However, it is not known if all were removed. Therefore, the purpose of the geophysical investigation was to obtain subsurface information that will aid in determining if USTs exist within the designated limits of the survey area.

2.0 FIELD INVESTIGATIONS

2.1 METHODOLOGY

USTs and other buried objects, such as utility vaults, utilities, and debris, are often both metallic and nonmetallic in nature. These features can produce subsurface magnetic and electrical contrasts that can be delineated by certain geophysical methods. These include, but are not limited to, vertical magnetic gradient (VMG), metal detection (MD), and ground penetrating radar (GPR) methods.

To achieve the objective of this survey, we used the VMG method to determine the presence of buried ferrous metal objects. These objects may include USTs, UST associated utilities, subsurface utility vaults, concrete structures with rebar, and other buried metallic debris possibly associated with the former gas station. We used a Geometrics G-858 cesium vapor

magnetometer to obtain the vertical magnetic gradient data, since it provides high sensitivity and rapid data acquisition.

We used the MD (metal detection) method as a reconnaissance to scan for shallow subsurface metal objects such as USTs and utilities, as well as to aid in further characterizing the source of the detected VMG anomalies. The GPR method was used to provide images that represent variations in the electrical properties of the shallow subsurface. These images may indicate possible locations and dimensions of USTs and other possible buried metallic and/or nonmetallic objects and debris. The GPR was also used to aid in further characterizing the source of the detected VMG and MD anomalies. We used a Geophysical Survey Systems, Inc. SIR-3000 Subsurface Interface Radar System equipped with a 400 megahertz (MHz) transducer. This transducer is near the center of the available frequency range and is used to provide high resolution at shallow depths. Descriptions of the VMG, MD, and GPR methods are provided in Appendix A.

2.2 GEOPHYSICAL SURVEYS

Prior to proceeding with the geophysical work, we established a survey grid to provide horizontal control. The grid was based on a rectangular coordinate system with the origin (0E,0N) located in the southwest corner. We established the grid in the field using a fiberglass measuring tape and marking paint. The marking paint was used to mark the grid nodes every 10- by 50-ft on the ground. These grid nodes were then used to guide the MD, VMG, and GPR surveys. The limits of the respective survey areas are shown on Plate 1.

For the geophysical investigation, we first performed a reconnaissance using the MD equipment. Initially, the MD was scanned over the established grid along south-north trending traverses spaced approximately 5 ft apart. When a buried object was detected, the MD was then scanned along additional west-east trending traverses. The locations of these targets were marked on the ground surface with a lumber crayon and mapped using a measuring tape. The wet conditions and continuous rain precluded the use of spray paint to mark their locations.

We then conducted a VMG survey over the established grid. VMG data were acquired at 2- to 4-ft intervals (stations) along south-north trending traverses spaced five feet apart. This small spacing provided increased resolution for relatively small targets. Following data acquisition, we transferred the VMG data to a personal computer and converted the data into a format for contouring. The contouring program (***SURFER Version 9.0 by Golden Software***) calculates an evenly spaced array of values (grid) based on the observed field data. Finally, these gridded values are contoured to produce the VMG contour map. This map provides a general characterization of the magnetic variations and can be used to assess the existence of buried ferrous metal debris and other subsurface features.

It should be noted, that GPR was not used at this site because of the signal interference caused by the standing water on the asphalt pavement. Also, GPR could not be obtained in the planter areas because access was obstructed by curbing, vegetation, and saturated soils.

3.0 RESULTS

The results of the geophysical investigation are presented on the Geophysical Survey Map, Plate 1. This map shows the limits of the VMG survey area, site features, and the locations of detected subsurface features and utility alignments. Since a utility search was not the primary objective of this survey, there may be additional utilities that are not shown. Also shown on this map is the respective VMG contour map. The contour map represents the variations in the vertical magnetic gradient throughout the site.

3.1 MD SURVEY

The results of the MD reconnaissance scan detected one buried near surface metal object, a storm drain line, and several undifferentiated utility lines. The suspected buried object, referred to as metal detector anomaly on Plate 1, is located within the planter in the northeast corner of the survey area. It measures approximately 8- by 8-ft or less, and has dimensions that are consistent with a small UST, utility vault, and/or metal debris. It should be noted that this anomaly may also represent effects from rebar in the surrounding planter curb. GPR could not be used over this object because of the curbing, vegetation, and saturated soils associated with this planter.

The storm drain line trends south to north through the site near the west boundary of the survey area. It is evidenced by a large asphalt patch. The undifferentiated utilities are located along the north boundary and in the center. They are considered undifferentiated because the specific type (i.e. water, gas, etc.) could not be determined. The undifferentiated utility along the north boundary was defined in Chestnut Street and trends through the survey area. This utility probably represents an active line associated with the nearby present facilities. The undifferentiated utilities within the asphalt covered lot are truncated and define segments. These utilities may represent abandoned lines associated with the former gas station. The undifferentiated utility that extends from planter to planter near the sidewalk may also represent a water line associated with the planters.

3.2 VMG SURVEY

The results of the VMG survey are illustrated by the VMG Contour Map (Plate 1). This map indicates a variable magnetic gradient. Areas with significant concentrations of ferrous metal, either above or below ground, have steep magnetic gradients. These are indicated by contours that are closely spaced and/or form closures. Areas where there are no above or below ground ferrous metal are characterized by a lack of contours or widely distributed contours. It should be noted that the contour configurations may represent the net effect of multiple nearby (above and below ground) metallic sources. Therefore, individual subsurface sources may or may not be defined.

The VMG contour map on Plate 1 defines numerous closely spaced contour closures throughout most of the survey area. Some of these contours can be attributed to the chain link fence and reinforced parking stops along the west border, as well as the rebar in the planter and sidewalk

curbing, and the utilities along Chestnut Street. Others coincide with and are probably caused by the detected MD anomaly and undifferentiated utilities. Contour closures that cannot be associated with above or below ground objects are located west and north of the planter in the southeast corner. The aerial extent of these closures is very small and indicative of small metal debris and possible utility alignments. Since the MD did not detect buried metal at these locations, the source of the anomalies is probably too small or buried too deep to be detected by the MD.

The remaining areas of the contour map, specifically in the northwest planter and in the south central portion of the site, are characterized by a lack of contours. There are no other closely spaced contour closures that may be indicative of a UST or similar feature within the designated limits of the investigation.

4.0 LIMITATIONS

There are general limitations unique to the geophysical methods used for this investigation. For example, USTs may be buried deeper than the detection capabilities of the geophysical method. There may be a lack of contrast in physical properties between native soils and buried objects. Above or below ground cultural features, such as utilities, may cause interference that limits or masks the detection of a nearby buried UST. Since the accuracy of our findings is subject to these limitations, it should be noted that not all USTs and buried objects or features can be detected or characterized by the geophysical techniques used for this investigation.

5.0 STANDARD CARE AND WARRANTY

The scope of NORCAL's services for this project consisted of using geophysical methods to characterize the shallow subsurface. The accuracy of our findings is subject to specific site conditions and limitations inherent to the techniques used. We performed our services in a manner consistent with the standard of care ordinarily exercised by members of the profession currently employing similar methods. No warranty, with respect to the performance of services or products delivered under this agreement, expressed or implied, is made by NORCAL.

Respectfully,

NORCAL Geophysical Consultants, Inc.

Donald J. Kirker
Professional Geophysicist, PGp-997

DJK/tt

Enclosure: Plates 1 and 2
Appendix A GEOPHYSICAL METHODS

APPENDIX A

GEOPHYSICAL METHODOLOGY

This page intentionally left blank.

APPENDIX A

VERTICAL MAGNETIC GRADIENT

METHODOLOGY

Vertical magnetic gradient surveys are used to determine the presence of buried ferrous objects. A magnetic gradiometer measures the vertical gradient of the earth's magnetic field. It consists of two total field magnetic sensors separated vertically by one-half meter. The magnetic field strength is measured simultaneously at both of these sensors. The difference in magnetic intensity between these measurements is proportional to the vertical gradient of the earth's magnetic field. Because the vertical gradient is constant with respect to time, the effect of diurnal variations is eliminated. Therefore, a gradiometer provides higher sensitivity and better resolution of near surface sources than total field magnetometers. Areas with significant amounts of buried metal typically produce anomalously steep magnetic gradients. Since it is sensitive to ferrous metal sources both above and below ground, site and vicinity surface conditions can affect survey results.

We typically use a Geometrics G-858 cesium vapor magnetometer to obtain vertical magnetic gradient data. This instrument features a built-in memory that stores the vertical magnetic gradient and survey grid information. The information can be down loaded to a computer for further processing.

DATA ANALYSIS

Computer Processing

The VMG data are down loaded to a lap-top computer and converted it into a format for contouring. The contouring program (SURFER Version 9.0 by Golden Software) calculates an evenly spaced array of values (grid) based on the observed field data. Finally, these gridded values are contoured to produce a VMG contour map.

Contour Map Interpretation

The VMG contour map illustrates the variations in the vertical magnetic gradient across the site. Areas without below or above ground ferrous metal are characterized by very low magnetic gradients. In these areas, there are very few contours. In areas with above or below ground ferrous metal, the magnetic gradient is relatively steep. These areas are characterized by numerous closely spaced contours and are considered anomalous. If the source of the anomaly is linear (e.g. underground utilities or fence lines), then the contours tend to be parallel and evenly distributed. If the source of the anomaly is localized (e.g. sign post, buried drum, etc.), then the contours tend to form circular or elliptical closures proportional to the size of the object. The larger the object and the closer it is to the magnetometer, the denser the concentrations of contours. Magnetic anomalies that cannot be attributed to above ground objects (fences, vehicles, buildings, etc.) are probably caused by buried objects.

USTs are often characterized by circular to elliptical contour closures. These closures have magnitudes ranging from several hundred to several thousand nano-Tesla per meter (nT/m) depending on the size and depth of the tank. If the UST is cylindrical and lying horizontally, it will often produce a bi-polar VMG anomaly. This consists of two adjacent contour closures. One has VMG values that increase towards the center of the closure and is referred to as a positive lobe. The second has VMG values that decrease towards the center of the closure and is referred to as a negative lobe. Typically, the positive lobe is situated directly above the UST and the negative lobe is to the north of the UST. Utilities and scattered metal debris, on the other hand, are generally characterized by single circular or irregular shaped negative lobes, or a group of alternating positive and negative lobes (closures). These closures typically have magnitudes ranging from less than fifty to several hundred nano-Tesla per meter (nT/m) depending on the size, depth, and amount of utilities and debris in a given area.

LIMITATIONS

Below ground metal ferrous objects produce localized variations in the earth's magnetic field. The magnetic intensity associated with buried metal depends on the mass of the metal and the distance the metal object is from the magnetometer sensor. As the distance between the object and the magnetometer sensor increases, the intensity of the associated field decreases, thereby making detection more difficult. In addition, the ability to detect a buried metal object is based on the intensity of these variations versus the intensity of the background variations. Background variations can be caused by other nearby above or below ground metallic sources. Cultural features such as chain link fences, buildings, debris, railroad spurs, utilities, above ground electric lines, etc. typically produce numerous magnetic variations with high intensities. These variations may mask effects from buried metal objects, or make it very difficult to determine whether the magnetic variations are associated with below ground metal or above/below ground cultural features.

ELECTROMAGNETIC LINE LOCATION/METAL DETECTION (EMLL/MD)

METHODOLOGY

Electromagnetic line location techniques are used to locate the magnetic field resulting from an electric current flowing on a line. These magnetic fields can arise from currents already on the line (passive) or currents applied to a line with a transmitter (active). The most common passive signals are generated by live electric lines and re-radiated radio signals. Active signals can be introduced by connecting the transmitter to the line at accessible locations or by induction.

The detection of underground utilities is affected by the composition and construction of the line in question. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless the utilities carry a passive current, they must be exposed at the surface or in accessible utility vaults. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that are not detectable using standard electromagnetic line location techniques include those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and pipes with insulated connections.

Buried objects can also be detected, without direct contact, by using the induction mode. This is used to detect buried near surface metal objects such as rebar, manhole covers, USTs, and various metallic debris. The induction mode is used by holding the transmitter-receiver unit above the ground and continuously scanning the surface. The unit utilizes two orthogonal coils that are separated by a specified distance. One of the coils transmits an electromagnetic signal (primary magnetic field) which in turn produces a secondary magnetic field about the subsurface metal object. Since the receiver coil is orthogonal to the transmitter coil, it is unaffected by the primary field. Therefore, the secondary magnetic fields produced by buried metal object will generate an audible response from the unit. The peak of this response indicates when the unit is directly over the metal object.

The instrumentation typically used for the EMLL survey consists of a Radio Detection RD-400 and a Fisher TW-6 inductive pipe and cable locator.

DATA ANALYSIS

The EMLL instrumentation indicates the presence of buried metal by emitting an audible tone; there are no recorded data to analyze. Therefore, the locations of buried objects detected with the EMLL method are marked on the ground surface during the survey.

LIMITATIONS

The detection of underground utilities is dependent upon the composition and construction of the line of interest, as well as depth. Utilities detectable with standard line location techniques include any continuously connected metal pipes, cables/wires or utilities with tracer wires. Unless carrying a passive current these utilities must be exposed at the surface or accessible in a utility vault. These generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that may not be detectable using standard electromagnetic line location techniques include certain abandoned utilities, utilities not exposed at the ground surface, or those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and metal pipes with insulating joints. Pipes generally deeper than about five to seven feet may not be detected.

GROUND PENETRATING RADAR (GPR)

METHODOLOGY

Ground penetrating radar is a method that provides a continuous, high resolution cross-section depicting variations in the electrical properties of the shallow subsurface. The method is particularly sensitive to variations in electrical conductivity and electrical permittivity (the ability of a material to hold a charge when an electrical field is applied).

The GPR system operates by radiating electromagnetic pulses into the ground from a transducer (antenna) as it is moved along a traverse. Since most earth materials are transparent to electromagnetic energy, the signal spreads downward into the subsurface. However, when the signal encounters a variation in electrical permittivity, a portion of the electromagnetic energy is

reflected back to the surface. When the signal encounters a metal object, all of the incident energy is reflected. The reflected signals are received by the same transducer and are printed in cross-section form on a graphical recorder. Changes in subsurface reflection character on the GPR records can provide information regarding the location of USTs, sumps, buried debris, underground utilities, and variations in the shallow stratigraphy.

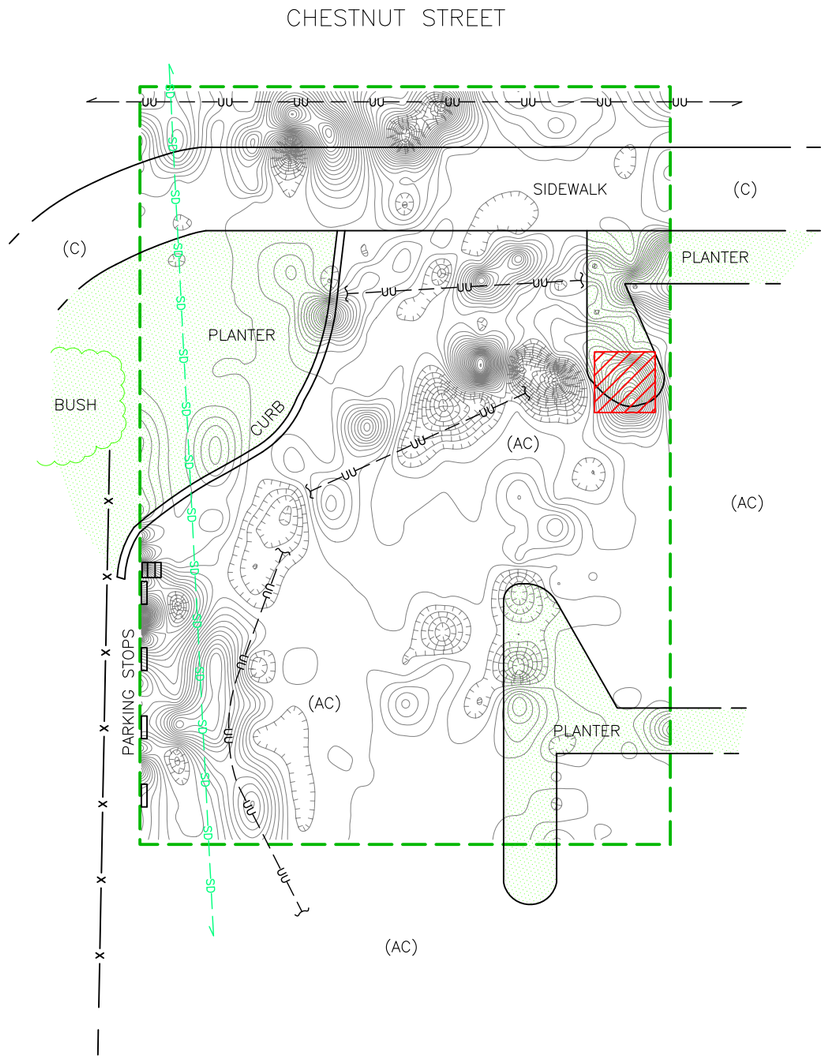
The GPR system typically used is a Geophysical Survey Systems, Inc. SIR-3000 Subsurface Interface Radar Systems equipped with a 400 megahertz (MHz) transducer. This transducer is near the center of the available frequency range and is used to provide high resolution at shallow depths.

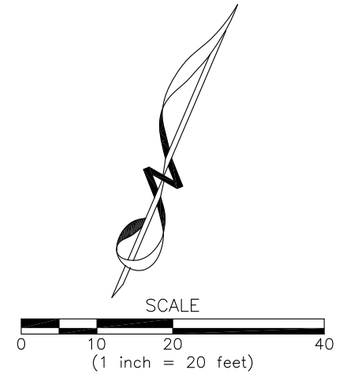
DATA ANALYSIS

GPR records are examined to identify reflection patterns characteristic of USTs, utilities, and other buried debris. Typically, USTs are manifested by broad localized hyperbolic (upside-down "U" shape) reflection patterns that vary in intensity. The intensity of a reflection pattern is usually dependent upon the condition of the respective UST, its burial depth, and the type of fill over the UST. Utilities and other buried debris are typically manifested by narrow localized hyperbolic reflections that also vary in intensity.

LIMITATIONS

The ability to detect subsurface targets is dependent on site specific conditions. These conditions include depth of burial, the size or diameter of the target, the condition of the specific target in question, the type of backfill material associated with the target, and the surface conditions over the target. Under ideal conditions, the GPR can generally detect objects buried to approximately six feet. However, as the clay content in the subsurface increases, the GPR depth of detection decreases. Therefore, it is possible that on-site soil conditions and target features may limit the depth of detection to the upper one to two feet below ground surface.





LEGEND

— — —	LIMITS OF GEOPHYSICAL SURVEY
0	VERTICAL MAGNETIC GRADIENT CONTOUR (CONTOUR INTERVAL = 200 nT/m)
	METAL DETECTOR ANOMALY REPRESENTING A POSSIBLE BURIED METAL OBJECT OR REBAR IN THE PLANTER CURBING
SD	STORM DRAIN LINE
UU	UNDIFFERENTIATED UTILITY LINE
x	CHAIN–LINK FENCE
	CATCH BASIN
(AC)	ASPHALT
(C)	CONCRETE

NORCAL

GEOPHYSICAL SURVEY MAP
1625 CHESTNUT STREET

LOCATION: LIVERMORE, CALIFORNIA

CLIENT: URS CORP.

JOB #: 11.628.123

NORCAL GEOPHYSICAL CONSULTANTS INC.

DATE: MAR. 2011

DRAWN BY: G.RANDALL

APPROVED BY: DJK

PLATE 1