Texas Commission on Environmental Quality

Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION

SITE LOCATION				REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION	
Site Name:	**Former City of Houston Incinerator Site**			Is This Site Being Managed Under A State Lead Contract? ☐ Yes ☑ No	
Address 1:	**0 North Velasco Street (Ball Street Right-of-Way and Blocks 6, 7, 8, and 9, Weisenbach SS, Harris County)**			Program Area:	**VOLUNTARY CLEANUP PROGRAM**
Address 2:				Mail Code:	**MC-221**
City:	**Houston**	State:	**Texas**	Is This A New Site To This Program Area? ☐ Yes ☑ No	
Zip Code:	**77003**	County:	**Harris**	**VCP No.: 3308**	
TCEQ Region:	**Region 12 - Houston**			**--Leave This Field Blank--**	**--Leave This Field Blank--**

DOCUMENT(S) IDENTIFICATION

	PHASE OF REMEDIATION	DOCUMENT NAME
1.	**ASSESSMENT**	**DRINKING WATER SURVEY REPORT**
2.		
3.		
4.		
5.		

CONTACT INFORMATION

RESPONSIBLE PARTY/APPLICANT/CUSTOMER

Name:	**Christa Stoneham**						
Company:	**Houston Land Bank**	Phone Number:	**281-655-4600**		Fax Number:		
Address 1:	**1214 Elgin Street**	City:	**Houston**	State:	**Texas**	Zip Code:	**77004**
Address 2:		Email Address:	**cstoneham@houstonlandbank.org**				

ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT

Name:	**Tory C. Balderrama, P.G.**						
Company:	**SKA Consulting, L.P.**	Phone Number:	**713-266-6056**		Fax Number:	**713-266-0996**	
Address 1:	**1888 Stebbins Drive, Suite 100**	City:	**Houston**	State:	**Texas**	Zip Code:	**77043**
Address 2:		Email Address:	**tory.balderrama@skaconsulting.com**				

TCEQ INTERNAL USE ONLY

Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.	**DRINKING WATER SURVEY RPT**	4.	
2.		5.	
3.			

February 29, 2024

Project No. 12022-0001
Via Federal Express

Texas Commission on Environmental Quality (TCEQ)
VCP-CA Section
Remediation Division
Attn: Mr. John M. Vilas, P.G.
12100 Park 35 Circle, MC-221
Austin, Texas 78753

Re: Drinking Water Survey Report
Former City of Houston Velasco Incinerator Site
0 North Velasco Street
(Ball Street Right-of-Way and Blocks 6, 7, 8, and 9, Weisenbach SS, Harris County)
Houston, Harris County, Texas 77003
VCP No. 3308

Dear Mr. Vilas,

SKA Consulting, L.P. (SKA), on behalf of Houston Land Bank (Voluntary Cleanup Program [VCP] Applicant A), presents the attached Drinking Water Survey Report for the above-referenced subject property located in Houston, Harris County, Texas.

If you have any questions or comments regarding the attached document, please do not hesitate to contact the undersigned at (713) 266-6056 or by email at brian.weaver@skaconsulting.com.

Sincerely,

SKA CONSULTING, L.P.

Brian T. Weaver, P.G.
Executive Vice President & Partner

Attachment: Drinking Water Survey Report

cc: Ms. Christa Stoneham, Houston Land Bank
Ms. LaTosha Okoiron, Houston Land Bank
Ms. Danielle Getsinger, P.G., Community Lattice
TCEQ Region 12, Houston

SKA Consulting, L.P. • 1888 Stebbins Drive, Suite 100 • Houston, Texas 77043 • 713.266.6056 phone • 713.266.0996 fax
Texas Registered Engineering Firm F-005009 • Texas Registered Geoscience Firm 50011

ATTACHMENT:

DRINKING WATER SURVEY REPORT

SKA CONSULTING, L.P.
Consulting Engineers, Scientists, and Geologists

Environmental Engineering and Consulting Excellence Since 2001

Drinking Water Survey Report
Former City of Houston Velasco Incinerator Site
0 North Velasco Street
(Ball Street Right-of-Way and Blocks 6, 7, 8, and 9, Weisenbach SS, Harris County)
Houston, Harris County, Texas 77003
VCP No. 3308

Prepared for:

Houston Land Bank
1214 Elgin Street
Houston, Texas 77004

February 29, 2024

SKA Project No. 12022-0001

SKA Consulting, L.P.
1888 Stebbins Drive, Suite 100
Houston, Texas 77043

P: 713.266.6056 | F: 713.266.0996

skaconsulting.com

SKA CONSULTING, L.P.
Consulting Engineers, Scientists, and Geologists

DRINKING WATER SURVEY REPORT

FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP NO. 3308

SKA PROJECT NO. 12022-0001

Prepared for:

HOUSTON LAND BANK
1214 ELGIN STREET
HOUSTON, TEXAS 77004

Submitted by:

SKA CONSULTING, L.P.
1888 STEBBINS DRIVE, SUITE 100
HOUSTON, TEXAS 77043

Prepared by:

COURTNEY R. SIMS
STAFF ENVIRONMENTAL SCIENTIST

Courtney R. Sims
Signature

TORY C. BALDERRAMA, P.G.
SENIOR GEOLOGIST & PROJECT MANAGER

for TCB
Signature

Reviewed by:

BRIAN T. WEAVER, P.G.
EXECUTIVE VICE PRESIDENT & PARTNER

Signature

FEBRUARY 29, 2024

TEXAS REGISTERED ENGINEERING FIRM NO. F-005009
TEXAS REGISTERED GEOSCIENCE FIRM NO. 50011
TEXAS ASBESTOS CONSULTANCY 100525

Professional Signatures and Seals

Report Information:

Drinking Water Survey Report
Former City of Houston Incinerator Site
0 North Velasco Street
(Ball Street Right-of-Way and Blocks 6, 7, 8, and 9, Weisenbach SS, Harris County)
Houston, Harris County, Texas 77003
VCP No. 0038
SKA Project No. 12022-0001
SKA Report No. 12022-0001.R02
Date: February 29, 2024

Firm Identification:

SKA Consulting, L.P.
1888 Stebbins Drive, Suite 100
Houston, Texas 77043
713-266-6056
Texas Geoscience Firm - TBPG License No: 50011
Texas Engineering Firm - TBPE License No: F-005009

State of Texas Professional Geoscientist:

Brian T. Weaver, P.G.	274	January 31, 2025
Professional Geoscientist	Geoscientist License number	Expiration date
Signature	2/29/2024 Date	
(713) 266-6056	(713) 266-0996	brian.weaver@skaconsulting.com
Telephone number	FAX number	E-mail

Seals, as applicable:

2/29/2024

Ref: 22 Texas Administrative Code (TAC) §851.156

Drinking Water Survey Report Transmittal Form
(Remediation Division, TCEQ)

Remediation Division Program: Voluntary Cleanup Program (VCP)	**Transmittal Date:** February 29, 2024
Program ID No.: VCP No. 3308 **Regulated Entity Reference No.:** RN111832523 **Customer Reference No.:** CN606056364	**Document Date:** February 29, 2024
Facility Name: Former City of Houston Velasco Incinerator Site	**Submittal** ☒ With Initial Release Documentation ☐ Expedited TCEQ Request ☐ Non-Expedited TCEQ Request

Physical address of property where groundwater assessment was conducted.
0 North Velasco Street
Houston, Texas 77003

Have you contacted the applicable groundwater conservation district? (This is a required step—it must be completed. Choose NA only if there is no groundwater conservation district for the area.)	☐ Yes		☒ NA
Has the extent of groundwater contamination been defined to residential health-based values for ingestion?	☐ Yes	☒ No	
If the extent of groundwater contamination has been defined to residential health-based values for ingestion, are any private drinking water wells located within the groundwater contaminant plume?	☐ Yes	☐ No	☒ NA
If the extent of groundwater contamination has not been defined to residential health-based values for ingestion, are any private drinking water wells located within a 0.25-mile radius of the known extent of groundwater contamination?	☒ Yes	☐ No	☐ NA

Table of Contents

Executive Summary

SKA Consulting, L.P. (SKA) was retained by Houston Land Bank (Voluntary Cleanup Program [VCP] Applicant A and property owner) to prepare a Drinking Water Survey Report (DWSR) for the Former City of Houston Velasco Incinerator Site (subject property) at 0 North Velasco Street in Houston, Harris County, Texas. This report was prepared utilizing Texas Commission on Environmental Quality (TCEQ) Regulatory Guidance (RG)-428, *Preparation of a Drinking Water Survey Report*, revised January 2010.

The subject property comprises approximately 4.7 acres of largely vacant land located west of North Velasco Street on the south side of Buffalo Bayou, about a mile east of downtown Houston. The City of Houston formerly operated the subject property as a municipal incinerator facility from the 1930s through the late 1960s. The original incinerator was located on the northern portion of the subject property before being replaced by a second incinerator on the southern portion. All on-site buildings were removed by 1998 except for the two original incinerator stacks and a 100-foot by 250-foot concrete building foundation associated with the second incinerator. The site is heavily covered in native grasses and trees and is bounded on all sides by chain-link fencing. The northern approximately two-thirds of the subject property is elevated between about 15 to 30 feet above the surrounding surface grade.

Groundwater assessment activities were conducted on the subject property by other environmental consultants in 2006 and 2008 and included the installation of nine monitoring wells (COHMW01, MW-1, MW-1A, MW-1D, and MW-2 to MW-6) across the subject property. However, monitoring well MW-1 did not produce groundwater and was plugged, abandoned, and replaced by monitoring well MW-1A. Further, no known groundwater monitoring data is available for monitoring well COHMW01. A groundwater monitoring event for monitoring wells MW-1A and MW-2 through MW-6 was performed by others in 2006, while groundwater monitoring events for monitoring well MW-1D were performed by others in 2008 and 2021. SKA has not conducted any groundwater assessment or monitoring activities on the subject property as of the publication date of this report.

The uppermost groundwater bearing unit (GWBU, or shallow groundwater) beneath the subject property is generally encountered at approximately 34 to 36 feet below ground surface (ft-bgs) at natural grade. The previous environmental consultants did not determine the shallow groundwater flow direction beneath the subject property. However, based on SKA's reviews of publicly available reports for nearby TCEQ-regulated facilities and the proximity of Buffalo Bayou to the subject property (180 to 300-feet), the shallow groundwater flow direction beneath the subject property is to the north or northeast, toward Buffalo Bayou.

The subject property has been enrolled in the TCEQ VCP under No. 3308 since October 26, 2023, related to affected soil and groundwater identified by other environmental consultants at the subject property.

Chemical of concern (COC) concentrations in the uppermost groundwater-bearing unit (GWBU) were compared to the their applicable residential regulatory standards, specifically their TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential groundwater-ingestion ($^{GW}GW_{Ing}$) Protective Concentration Levels (PCLs), except for methyl tert-butyl ether (MTBE), copper, silver, and zinc which were compared to their U.S. Environmental Protection Agency (EPA) Secondary

Maximum Contaminant Levels (MCLs). Except for groundwater monitoring results for monitoring well MW-1D, the only available groundwater analytical data is from 2006 (about 18 years old). Based on this most recent available groundwater monitoring results collected by others, only concentrations of trichloroethene (TCE), bis(2-ethylhexyl)phthalate, and lead exceed their applicable residential regulatory standards. The current concentrations of these COCs, or others if any, is unknown.

SKA conducted a records survey to determine the locations, current use, and construction details of water wells located within a half-mile radius of the known extent of groundwater contamination. All properties located within a half-mile radius of the subject property are serviced by the City of Houston (COH) public water supply system and, therefore, have access to the public water supply. In addition, SKA personnel conducted a 500-foot radius visual field survey on February 23, 2024, to visually identify private drinking water wells located within 500 feet of the known extent of groundwater contamination. The findings and conclusions of the records and field surveys are discussed below.

- No registered water wells are located within the known extent of groundwater contamination on the subject property.

- Eight registered water wells were identified within a half-mile radius of the known extent of groundwater contamination, but two were reported as plugged.

- Four registered water wells are located within a quarter-mile radius of the known extent of groundwater contamination. However, available information indicates all four of these registered water wells have likely been abandoned or destroyed (see ***Section 3.3***).

- The remaining two water wells located within a half-mile radius of the subject property are located hydrogeologically upgradient (south) of the subject property. Further, these wells are screened deeper than the affected uppermost GWBU and are, therefore, not producing from this GWBU.

- No water wells were observed on or within 500 feet of the subject property during the field survey.

Based on the findings of this DWSR, SKA concludes no drinking water wells are affected or potentially affected by the known extent of groundwater contamination at the subject property.

1.0 Groundwater Contamination

This section discusses the status of environmental investigations conducted on the subject property and the extent of chemicals of concern (COCs) in groundwater at the subject property.

1.1 Investigation Status

Groundwater assessment activities were conducted on the subject property in 2006 and 2008 by other environmental consultants: Terracon Consultants, Inc. (Terracon) and Envirotest, Ltd. (Envirotest). These consultants installed 8 monitoring wells (MW-1, MW-1A, MW-1D, and MW-2 to MW-6) across the subject property. However, monitoring well MW-1 did not produce groundwater and was plugged, abandoned, and replaced by monitoring well MW-1A. Further, a ninth monitoring well (COHMW01) was also installed on the subject property in 1998 by an unknown party, and the monitoring well remains on the subject property. No known groundwater monitoring data is available for monitoring well COHMW01. Groundwater monitoring events for the remaining 7 monitoring wells (MW-1A, MW-1D, and MW-2 through MW-6) were variously performed in 2006, 2008, and 2021 by Terracon, Envirotest, and InControl Technologies (InControl), respectively. SKA Consulting, L.P. (SKA) has not conducted any groundwater assessment or monitoring activities on the subject property as of the publication date of this report.

The subject property is enrolled in the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP) related to affected soil and groundwater identified by other environmental consultants at the subject property. The TCEQ accepted the subject property into the VCP under No. 3308 on October 26, 2023.

The previous environmental consultants did not determine the shallow groundwater flow direction beneath the subject property. Nevertheless, SKA reviewed publicly available regulatory reports for nearby regulated facilities, including the south-adjacent Lead Products Company VCP site (No. 334), the east-adjacent Former Genesis Worldwide Lease Corrective Action (CorrAct) site (No. T2465), and the Navigation Business Park VCP site (VCP No. 2748) about 250 feet east. The shallow groundwater flow direction at these sites was generally reported to the north or northeast, toward Buffalo Bayou. Based on the proximity of these sites and Buffalo Bayou to the subject property (180 to 300-feet), the shallow groundwater flow direction at the subject property is to the north or northeast, toward Buffalo Bayou.

The locations of the permanent monitoring wells installed by others on the subject property are depicted in ***Figure 1***. Boring logs for all permanent monitoring wells completed on the subject property by others are included in ***Attachment 2***. SKA notes for the TCEQ the boring logs were not individually sealed by a State of Texas licensed professional geoscientist (P.G.) or qualified professional engineer (P.E.); however, the boring logs for monitoring wells MW-1A and MW-2 through MW-6 were contained within a bound report prepared for others that was properly signed and sealed by a P.E., and the boring log for monitoring well MW-1D was also contained within a bound report prepared for others that was properly signed and sealed by a P.G. Therefore, all boring logs were properly placed under seal. In addition, professional geoscience work submitted to the TCEQ was not required to be signed and sealed by a P.G. or P.E. until October 1, 2004, and monitoring well COHMW01 was installed before then in 1998. Regardless, SKA obtained copies of these original signed and sealed geoscientific reports

prepared by others as historical environmental studies for reference, but SKA disclaims any professional responsibility or liability for these boring logs or reports as they were not prepared under SKA's Professional Geoscientist's direct supervision.

1.2 Groundwater COC Concentrations

COC concentrations in the uppermost groundwater-bearing unit (GWBU) were generally compared to their TCEQ Texas Risk Reduction Program (TRRP) Tier 1 Residential groundwater-ingestion ($^{GW}GW_{Ing}$) Protective Concentration Levels (PCLs). However, U.S. Environmental Protection Agency (EPA) Secondary Maximum Contaminant Levels (MCLs) for methyl tert-butyl ether (MTBE), copper, silver, and zinc are lower than their TRRP Tier 1 Residential $^{GW}GW_{Ing}$ PCLs and were utilized as the regulatory standards for MTBE, copper, silver, and zinc.

Groundwater samples collected from the on-site monitoring wells by others in 2006 (MW-1A and MW-2 through MW-6) and 2021 (MW-1D) were variously analyzed for the following COCs: volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and/or metals (i.e., antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and/or zinc). Except for monitoring well MW-1D, the only available groundwater analytical data is from 2006 (about 18 years old). Based on this most recent available groundwater monitoring results collected by others, only concentrations of trichloroethene (TCE), bis(2-ethylhexyl)phthalate, and lead exceed their applicable regulatory standards. The current concentrations of these COCs, or others if any, is unknown.

The known extent of groundwater contamination is depicted in ***Figure 1***, and a summary of the groundwater analytical results is presented in ***Table 1***. Laboratory certificates of analysis and chain of custody documentation for the groundwater monitoring events performed by others between 2006 and 2021 are presented in ***Attachment 1***.

2.0 Public Water Supply Availability

This section discusses the availability of public and private water supplies within a half-mile radius of the *known extent of groundwater contamination* on the subject property.

2.1 Public Water Supply

The subject property is located within the City of Houston (COH) city limits. According to the COH's Public Works and Engineering website, the subject and surrounding properties are serviced by the COH public water supply system. The COH currently draws approximately 86% of its drinking water from surface water sourced from the Trinity River through Lake Livingston and from the San Jacinto River through Lake Conroe and Lake Houston. The remaining 14% of the COH's drinking water is drawn from permitted wells that pump water from the Evangeline and Chicot Aquifers. The uppermost GWBU is not a known source of usable water in the area, and properties within a 500-foot radius of the subject property are connected to the COH public water supply.

2.2 Private Water Supply

The following subsections discuss the Records Survey and visual Field Survey performed by SKA to determine if any private drinking water wells located within a half-mile of the subject property are affected or potentially affected by the known extent of groundwater contamination on the subject property.

Records Survey
SKA obtained records surveys from ERIS regarding registered water wells within a half-mile radius of the known extent of groundwater contamination. ERIS reported no water wells within the known extent of groundwater contamination, four water wells within a quarter-mile of the known extent of groundwater contamination, and four water wells between a quarter- and half-mile radius of the known extent of groundwater contamination.

Detailed discussions regarding the available information for the identified water wells are included in ***Section 3.3***. The water well information obtained during the records survey is summarized in ***Table 2***, and a Water Well Map is included in ***Figure 2***. In addition, the ERIS water well records report is included in ***Attachment 3***.

Field Survey
SKA personnel conducted a visual field survey on February 23, 2024 to identify drinking water wells within 500 feet of the known extent of groundwater contamination at the subject property. The field survey consisted of a walking/driving tour of accessible areas on the subject property and surrounding public rights-of-way within the search area. No water wells were observed by SKA on or within 500 feet of the known extent of groundwater contamination during the field survey.

During the field survey, SKA also attempted to locate the four water wells (Map ID Nos. 1, 2A, 2B, and 2C, see ***Figure 2***) reportedly located within a quarter-mile radius of the known extent of groundwater contamination. The observations made by SKA while searching for these water wells are discussed below.

- Two water wells (Map ID Nos. 1 and 2B) were identified by ERIS about 730 and 370 feet southwest, respectively, of the known extent of groundwater contamination. These two water wells are reportedly located at 709 North Velasco Street, an active TCEQ VCP site (Lead Products Company, VCP No. 334) currently occupied by Allpro Manufacturing. The results are further described below:

  The first well reported on this VCP property, Map ID No. 1, was plotted within a grass-covered field south of the onsite buildings. Based on our onsite inspection, SKA observed an apparent groundwater monitoring well with a metal stick-up and protective bollards located near the relative location of Map ID No. 1. SKA did not observe any water well, well pump, or other features indicative of a water well at this location or anywhere else on the property. Moreover, SKA observed numerous groundwater monitoring wells constructed identical to this feature observed at this location (metal stick-up with protective bollards) all across this active TCEQ VCP site.

  SKA contacted Ms. Dawn Denham, P.G., the Project Manager with Weston Solutions, Inc. (Weston) working on this active TCEQ VCP site (Lead Products Company, VCP No. 334) for the VCP Applicant and Property Owner (Mr. Carter Simons). SKA contacted Ms. Denham to inquire about the monitoring wells installed on this property. A response from Ms. Denham on February 27, 2024, included a signed and sealed Sample Location and Potentiometric Map for Lead Products Company. Based on this, the feature observed by SKA during our onsite inspection near the relative location of Map ID No. 1 is indeed groundwater monitoring well (LP)MW01.

  The second well reported on this VCP property, Map ID 2B, was plotted within or adjacent to an on-site building. SKA inspected both the interior and exterior portions of this on-site building and others; however, no evidence of a water well, well pump, or other features indicative of a water well was observed by SKA at this location or anywhere else on the property. However, SKA did observe a City of Houston water meter adjacently southeast of this on-site building along North Velasco Street right-of-way (ROW).

  On February 23, 2024, SKA conducted a telephone interview with the President and Property Owner of Lead Products Company, Mr. Carter Simons (this adjacent active TCEQ VCP site, VCP No. 334). Mr. Simons stated that he had no knowledge of a water well in the grass-covered field (Map ID No. 1), and that the water well reported as being located within a facility building (Map ID No. 2B) was decommissioned and capped during VCP activities at the site and has not been used in at least 25 years. Additionally, an employee of the current occupant (Allpro Manufacturing, Inc.), Ms. Wendy Ostera, was interviewed by SKA during the field survey. Ms. Ostera stated that the property is serviced by the City of Houston municipal water system and has no knowledge of any water wells on the property. Interviews of these owner and occupant representatives are included in ***Attachment 4***.

  Based on the results of the field survey and interviews with the Property Owner and occupant representatives, these two reported water wells have either been destroyed or abandoned. Therefore, these two reported water wells do not exist. Consequently, these reported water wells are not affected or potentially affected by the known extent of groundwater contamination at the subject property.

- One water well (Map ID No. 2A) reported by ERIS is located approximately 615 feet south of the known extent of groundwater contamination at 3201 Navigation Boulevard. No evidence of this water well was found during the field survey. Therefore, this water well was likely destroyed or abandoned.

- One water well (Map ID No. 2C) is reportedly located approximately 440 feet southeast of the known extent of groundwater contamination at 3401 Navigation Boulevard. This property was redeveloped with the present-day commercial distribution warehouse in 1980 according to Harris Central Appraisal District (HCAD) real property information. SKA searched for this water well around the exterior and inside select portions of the interior of the commercial distribution warehouse; however, no evidence of this water well was found. As such, this water well was likely destroyed or abandoned.

- SKA personnel observed underground water line features such as water meters, manway lids, and fire hydrants during the 500-foot survey of surrounding properties. These features indicate the presence of underground water supply lines used to supply potable water to the subject property area from a municipal water supply source (i.e., City of Houston).

A door-to-door survey was not required because the COH supplies drinking water to all properties within a half-mile of the known extent of groundwater contamination at the subject property.

3.0 Groundwater Production Zones

This section discusses the groundwater production zones for the water wells identified by SKA in the records survey and field survey within a half-mile of the *known extent of groundwater contamination* on the subject property.

3.1 Area Hydrogeology

According to *Aquifers of Texas*, published by the Texas Water Development Board (TWDB), the aquifer in the subject property vicinity is the Gulf Coast Aquifer. This aquifer consists of interbedded clays, silts, sands, and gravels that are hydraulically connected to form a large, leaky artesian aquifer system. Hydrostratigraphic units within the Gulf Coast Aquifer include, from oldest to youngest: the Catahoula Confining System, the Jasper Aquifer, the Burkeville Confining System, the Evangeline Aquifer, and the Chicot Aquifer. The Chicot Aquifer, or upper component of the Gulf Coast Aquifer System, consists of the Lissie, Willis, Bentley, Montgomery, and Beaumont Formations and overlying alluvial deposits. Regional groundwater flow is generally toward the southeast.

The Chicot Aquifer has been subdivided into the Upper and Lower Chicot in the area. This differentiation is based upon a predominance of clay in the upper portions of the Chicot, which exhibits potentiometric levels different than the mostly sandy strata below. The lower sandy unit of the Chicot has been frequently tapped for groundwater of good quality and supply in Harris County. Inter-bedded sands and clays of the Lower Chicot have been mapped at depth. The base of the Chicot Aquifer in the Houston area has been mapped as occurring at depths ranging from approximately 450 to 750 ft-bgs.

The Evangeline Aquifer contains interbedded sand and clay layers of nearly equal proportion. Individual sand layers typically range in thickness from 10 to 50 feet, yielding abundant supplies of good quality groundwater throughout most of the Houston area. Clay layers within the Evangeline reach thicknesses of 50 feet. These layers, however, are limited in horizontal extent and are thus not expected to prohibit communication between inter-bedded sand layers. The base of the Evangeline Aquifer in the Houston area has been mapped as occurring at depths ranging from approximately 1,600 to 2,700 ft-bgs.

The primary mechanism of recharge into the Chicot and Evangeline Aquifers is infiltration of precipitation in areas where the aquifers' more permeable strata outcrop at the surface. Recharge to the Chicot Aquifer predominantly occurs north of Houston in the Montgomery County area, where the Willis Sand and the Lissie Formation are exposed at the ground surface. In areas where Beaumont clay is exposed at the surface, little or no recharge to the Chicot Aquifer occurs. Recharge to the Evangeline Aquifer occurs about 40 to 60 miles north of the Houston area in the northern portion of Montgomery County, in areas where the Fleming Formation and remnants of the Willis Sand outcrop.

3.2 Site Hydrogeology

The northern approximately two-thirds of the subject property is elevated between about 15 to 30 feet above the surrounding surface grade from apparent incinerator ash historically deposited on the subject property. As such, the geologic and hydrogeologic units encountered vary depending on whether the incinerator ash was present in the sampling location.

The soils encountered on the subject property during the installation of permanent monitoring wells by others at apparent natural grade (i.e., outside of the elevated area of ash deposits) consisted of the following geologic and hydrogeologic units:

- Natural Grade Fill: Fill material consisting of primarily ash (generally dark brown to black in appearance) mixed with varying amounts of silt, sand, and glass from the ground surface to 10 ft-bgs in the one monitoring well in which it was encountered (MW-3).

- Natural Grade Unit 1: Primarily silty sand (SM) with layers of low plasticity clay with sand or silt (CL) or medium plasticity clay (CH) from the ground surface to depths ranging from 33 to 34 ft-bgs.

- Natural Grade Unit 2 (Uppermost GWBU): Mostly silty sand (SM) from the bottom of Unit 1 to the maximum explored depths ranging from 40 to 45 ft-bgs. Shallow groundwater was initially encountered at depths ranging from 34 to 36 ft-bgs.

The soils encountered on the subject property during the installation of permanent monitoring wells by others in the elevated area of ash deposits consisted of the following geologic and hydrogeologic units:

- Elevated Area Fill: Fill material consisting of primarily ash (generally dark brown to black in appearance) mixed with varying amounts of silt, sand, gravel, and glass or metal fragments from the ground surface to between 31 and 35 ft-bgs.

- Elevated Area Unit 1: Layers of low to high plasticity clay (CL/CH), sandy or clayey silt (ML), and sand (SP) from the bottom of the overlying fill material to depths ranging from 42.5 to 48 ft-bgs.

- Elevated Area Unit 2 (Uppermost GWBU): Generally silty sand (SM) or sand (SP), except for monitoring well MW-5 that was reportedly saturated in a non-plastic, silty clay (CL), encountered from the bottom of Unit 1 to maximum depths ranging from 49 to 55 ft-bgs. Shallow groundwater was initially encountered at depths ranging from 43 to 48 ft-bgs.

- Elevated Area Unit 3: High plasticity clay (CH) from the bottom of Unit 2 (uppermost GWBU) to a depth of 50 ft-bgs in the two monitoring wells in which it was encountered (MW-1D and MW-5). This unit serves as a lower-confining unit for the uppermost GWBU.

- Elevated Area Unit 4 (Second GWBU): Saturated silty clay (CL) to clayey silt (ML) from the bottom of Unit 3 to a maximum explored depth of 60 ft-bgs in the one monitoring well in which it was encountered (MW-1D). Groundwater within this unit was encountered at 50 ft-bgs.

Boring logs for all permanent monitoring wells completed by others on the subject property are included in ***Attachment 2***.

3.3 Water Well Construction Details

Based on the records survey results, four water wells are reportedly located within a quarter-mile radius of the known extent of groundwater contamination on the subject property. The available details for these water wells are discussed below.

- Two water wells (Map ID Nos. 1 and 2B, ***Figure 2***) were identified by ERIS about 730 and 370 feet southwest, respectively, of the known extent of groundwater contamination at 709 North Velasco Street (an active TCEQ VCP site [Lead Products Company], VCP No. 334). One water well was reported as of unknown use (Map ID No. 1), and the other water well was reported for industrial use (Map ID No. 2B). Both wells are screened deeper (at or greater than 233 ft-bgs) than the affected uppermost GWBU and are, therefore, not producing from this GWBU. SKA did not observe these wells during our recent onsite field survey. Based on the findings of the field survey and interviews with the Property Owner and occupant representative (see ***Section 2.2***), these water wells have likely been abandoned or destroyed and are not affected or potentially affected by the known extent of groundwater contamination at the subject property.

- One water well of unknown use (Map ID No. 2A, ***Figure 2***) was identified by ERIS about 615 feet south of the known extent of groundwater contamination at 3201 Navigation Boulevard. The well is screened much deeper (1,536 to 1,616 ft-bgs) than the affected uppermost GWBU and is, therefore, not producing from this GWBU. SKA did not observe this well during the field survey. Further, the site on which this water well is located is a TCEQ CorrAct site (Former Genesis Worldwide Lease, CorrAct No. T2465). A publicly-available DWSR prepared for this site indicates this water well was not identified at the site. As such, this water well has likely been abandoned or destroyed and is not affected or potentially affected by the known extent of groundwater contamination at the subject property.

- One industrial water well (Map ID No. 2C, ***Figure 2***) was identified by ERIS about 440 feet southeast of the known extend of groundwater contamination at 3401 Navigation Boulevard. The well is screen deeper (339 to 420 ft-bgs) than the affected uppermost GWBU and is, therefore, not producing from this GWBU. SKA did not observe this well during the field survey. Further, the site on which this water well is located is a TCEQ VCP site (Navigation Business Park, VCP No. 2748). A publicly-available Affected Property Assessment Report (APAR) prepared for this site indicates this water well was not identified at the site. As such, this water well has likely been abandoned or destroyed and is not affected or potentially affected by the known extent of groundwater contamination at the subject property.

The remaining water wells located within a half-mile radius of the subject property that are not reported as plugged (Map ID Nos. 5 and 6) are located hydrogeologically upgradient of the subject property. Further, these wells are screened deeper than the affected uppermost GWBU and are, therefore, not producing from this GWBU. As such, neither of these water wells are affected or potentially affected by the known extent of groundwater contamination at the subject property.

4.0 Affected or Potentially Affected Water Wells_____

Based on the results of a records survey, four registered water wells are located within a quarter-mile radius of the known extent of groundwater contamination. However, available information indicates all four of these wells have likely been abandoned or destroyed. No water wells were observed on or within 500 feet of the subject property during the field survey. Based upon the information gathered from the available water well records and the field survey, SKA concludes no drinking water wells are affected or potentially affected by the documented groundwater impacts at the subject property.

Figures

LEGEND

- SUBJECT PROPERTY BOUNDARY
- LOT BOUNDARY
- EARTHEN DRAINAGE DITCH
- CHAIN-LINK AND BARBED-WIRE FENCE
- APPROXIMATE BURIED WASTE/FILL MATERIAL EXTENT (ON-SITE)
- (6) BLOCK NUMBER
- EXISTING MONITORING WELL LOCATION
- APPARENTLY DESTROYED MONITORING WELL LOCATION

ABBREVIATION:
- "COH" REPRESENTS CITY OF HOUSTON
- "CORRACT" REPRESENTS CORRECTIVE ACTION
- "IHW" REPRESENTS INDUSTRIAL AND HAZARDOUS WASTE
- "ROW" REPRESENTS RIGHT-OF-WAY
- "VCP" REPRESENTS VOLUNTARY CLEANUP PROGRAM

NOTES:
1. THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK AND WHITE COPIES MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.
2. THIS DRAWING HAS BEEN PREPARED UNDER THE SUPERVISION OF A PROFESSIONAL ENGINEER OR GEOSCIENTIST. DO NOT ALTER THIS DOCUMENT IN ANY WAY WITHOUT THE WRITTEN CONSENT OF SKA CONSULTING, L.P.
3. THE EXISTING MONITORING WELL LOCATIONS ARE APPROXIMATE AND BASED ON FIELD OBSERVATIONS BY SKA ON JANUARY 29, 2024. THE WELL LOCATIONS HAVE NOT BEEN SURVEYED BY A STATE OF TEXAS-REGISTERED PROFESSIONAL LAND SURVEYOR.

0 60 120

APPROXIMATE SCALE: 1"=120'

STATE OF TEXAS
BRIAN T. WEAVER
GEOLOGY
274
LICENSED
PROFESSIONAL GEOSCIENTIST

2/29/24

SKA CONSULTING, L.P.
1888 STEBBINS DRIVE, SUITE 100
HOUSTON, TX 77043
Texas Registered Engineering Firm F-005009
Texas Registered Geoscience Firm 50011

SITE PLAN

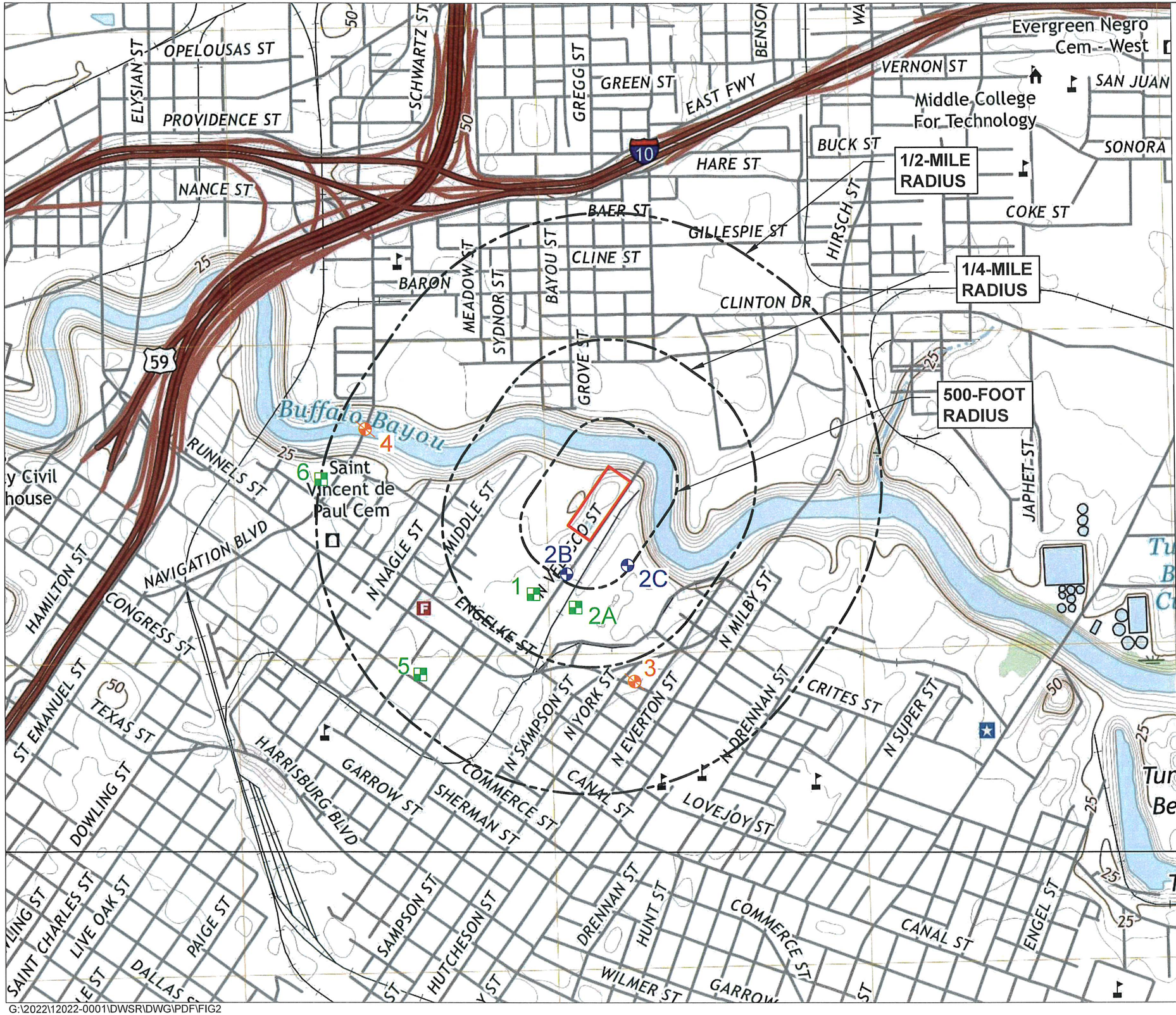
FIGURE 1

DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP No. 3308

DATE:	JOB NO:	SCALE:
FEBRUARY 2024	12022-0001	AS SHOWN

1	FIRST REVISION	DRAWN BY: CLK
2	SECOND REVISION	CHECKED BY: TCB
3	THIRD REVISION	APPROVED BY: TCB

G:\2022\12022-0001\DWSR\DWG\PDF\FIG1



LEGEND

- SUBJECT PROPERTY BOUNDARY
- INDUSTRIAL WATER WELL LOCATION
- PLUGGED WATER WELL LOCATION
- UNKNOWN WATER WELL LOCATION

REFERENCE: USGS 7.5-MINUTE TOPOGRAPHIC QUADRANGLE
PARK PLACE, TEXAS 2022
SETTEGAST, TEXAS 2022

0 500 1000 2000

APPROXIMATE SCALE: 1"=1000'

NOTES:

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STATE OF TEXAS
BRIAN T. WEAVER
GEOLOGY
274
LICENSED
PROFESSIONAL GEOSCIENTIST

2/29/24

SKA CONSULTING, L.P.
1888 STEBBINS DRIVE, SUITE 100
HOUSTON, TX 77043
Texas Registered Engineering Firm F-005009
Texas Registered Geoscience Firm 50011

WATER WELL LOCATION MAP

FIGURE 2

DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP No. 3308

DATE:	JOB NO:	SCALE:
FEBRUARY 2024	12022-0001	AS SHOWN

1	FIRST REVISION	DRAWN BY: CLK
2	SECOND REVISION	CHECKED BY: TCB
3	THIRD REVISION	APPROVED BY: TCB

G:\2022\12022-0001\DWSR\DWG\PDF\FIG2

Tables

TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - VOCs, TPH, SVOCs, & PCBs
DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP NO. 3308

Sample Name	Sample Date	VOLATILE ORGANIC COMPOUNDS (VOCs)				TOTAL PETROLEUM HYDROCARBONS (TPH)				SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)			PCBs
		Acetone	cis-1,2-Dichloroethene	1,1,2-Trichloro-1,2,2-trifluoroethane	Trichloroethene (TCE)	C_6-C_{12}	>C_{12}-C_{28}	>C_{28}-C_{35}	Total TPH (C_6-C_{35})	Benzo(a)pyrene	Bis(2-ethylhexyl)phthalate	Diethyl phthalate	Polychlorinated Biphenyls (PCBs)
		Method 8260 mg/L	Method 8260 mg/L	Method 8260 mg/L	Method 8260 mg/L	TX Method 1005 mg/L	TX Method 1005 mg/L	TX Method 1005 mg/L	TX Method 1005 mg/L	Method 8270 mg/L	Method 8270 mg/L	Method 8270 mg/L	Method 8082 mg/L
MONITORING WELLS (TERRACON CONSULTANTS, INC.)													
MW-1A	9/19/2006	<0.0025	<0.00050	-	**0.0052**	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.089**	<0.00050	-
MW-2	9/19/2006	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.34**	<0.00050	-
	9/19/2006 (Dup-1)	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.22**	<0.00050	-
MW-3	9/19/2006	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.0029 J**	<0.00050	-
MW-4	9/19/2006	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.16**	**0.0058 J**	-
MW-5	9/20/2006	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	**0.0046 J**	<0.00050	-
MW-6	9/20/2006	<0.0025	<0.00050	-	<0.00070	<0.20	<0.20	<0.20	<0.20	<0.00050	<0.00050	<0.00050	-
MONITORING WELL (ENVIROTEST, LTD.)													
MW-1D	10/30/2008	**0.019 J**	**0.0013**	**0.0019**	**0.00042 J**	<0.98	**12.0**	**1.8**	**13.0**	**0.000029 J**	-	-	ND
	5/26/2021	-	-	-	-	<0.20	<0.20	<0.20	<0.20	-	-	-	-
REGULATORY STANDARDS													
TCEQ TRRP Tier 1 Residential $^{GW}GW_{Ing}$ PCLs		**22**	**0.070**	**730**	**0.0050**	**0.98**	**0.98**	**0.98**	**--**	**0.00020**	**0.0060**	**20**	**0.00050**

Notes:
"-" indicates not analyzed.
"--" indicates not established
"mg/L" represents milligrams per liter.
"VCP" represents Voluntary Cleanup Program.
"TCEQ" represents Texas Commission on Environmental Quality.
"TRRP" represents Texas Risk Reduction Program.
"<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL) or Minimum Detection Limit (MDL).
"ND" indicates none of the specified constituents were detected at or above their laboratory SDLs.
Concentrations in bold were detected at or above the laboratory SDL or MDL.
"J" indicates the detected concentration is an estimated value above the laboratory SDL or MDL but below the Method Quantitation Limit (MQL).
Only VOC and SVOC analytes detected at or above the laboratory SDL, MDL, or SQL in at least one groundwater sample are shown on this table.
Concentrations highlighted yellow exceed their critical TCEQ TRRP Tier 1 Residential groundwater-ingestion ($^{GW}GW_{Ing}$) Protective Concentration Levels (PCLs).
TCEQ TRRP Tier 1 Residential Groundwater PCLs (30 Texas Administrative Code [TAC] Chapter 350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - TPH SPECIATION
DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP NO. 3308

Sample Name	Sample Date	TOTAL PETROLEUM HYDROCARBONS (TPH) SPECIATION												
		ALIPHATICS							AROMATICS					
		C6	C6 to C8	C8 to C10	C10 to C12	C12 to C16	C16 to C21	C21 to C35	C7 to C8	C8 to C10	C10 to C12	C12 to C16	C16 to C21	C21 to C35
		TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L	TX Method 1006 mg/L
MONITORING WELL (ENVIROTEST, LTD.)														
MW-1D	10/30/2008	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	**4.0**	<0.61	<0.61	<0.61	<0.61	<0.61	**4.0**
REGULATORY STANDARDS														
TCEQ TRRP Tier 1 Residential $^{GW}GW_{Ing}$ PCLs		**1.5**	**1.5**	**2.4**	**2.4**	**2.4**	**49**	**49**	**2.4**	**0.98**	**0.98**	**0.98**	**0.73**	**0.73**

Notes:
"mg/L" represents milligrams per liter.
"VCP" represents Voluntary Cleanup Program.
"TCEQ" represents Texas Commission on Environmental Quality.
"TRRP" represents Texas Risk Reduction Program.
"<" indicates the analyte was not detected at or above the specified laboratory Minimum Detection Limit (MDL).
Concentrations in bold were detected at or above the laboratory MDL.
Concentrations highlighted yellow exceed their critical TCEQ TRRP Tier 1 Residential groundwater-ingestion ($^{GW}GW_{Ing}$) Protective Concentration Levels (PCLs).
TCEQ TRRP Tier 1 Residential Groundwater PCLs (30 Texas Administrative Code [TAC] Chapter 350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - METALS
DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP NO. 3308

Sample Name	Sample Date	METALS												
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
		Method 6010B or 6020A mg/L	Method 6020 mg/L	Method 6020 mg/L	Method 6010B or 6020A mg/L	Method 6020 mg/L	Method 6020 mg/L	Method 6010B or 6020A mg/L	Method 6020 mg/L	Method 7470A mg/L	Method 6010B or 6020A mg/L	Method 6020 mg/L	Method 6020 mg/L	Method 6010B or 6020A mg/L
MONITORING WELLS (TERRACON CONSULTANTS, INC.)														
MW-1A	9/19/2006	-	**0.00253 J**	**0.0608**	-	<0.00015	**0.00387**	-	**0.00287 J**	**0.0000690 J**	-	<0.0017	<0.00020	-
MW-2	9/19/2006	-	<0.0018	**0.0957**	-	<0.00015	**0.00166 J**	-	**0.00472 J**	**0.0000490 J**	-	<0.0017	<0.00020	-
	9/19/2006 (Dup)	-	**0.00190 J**	**0.0937**	-	<0.00015	**0.00182 J**	-	**0.00452 J**	<0.000042	-	<0.0017	<0.00020	-
MW-3	9/19/2006	-	**0.00204 J**	**0.0705**	-	<0.00015	**0.00129 J**	-	**0.0146**	<0.000042	-	<0.0017	<0.00020	-
MW-4	9/19/2006	-	**0.00198 J**	**0.0641**	-	<0.00015	**0.00297**	-	**0.00537**	<0.000042	-	<0.0017	<0.00020	-
MW-5	9/20/2006	-	**0.00341 J**	**0.134**	-	<0.00015	**0.0181**	-	**0.0411**	<0.000042	-	**0.00343 J**	<0.00020	-
MW-6	9/20/2006	-	**0.00401 J**	**0.0610**	-	<0.00015	**0.00526**	-	**0.0139**	<0.000042	-	**0.00170 J**	<0.00020	-
MONITORING WELL (ENVIROTEST, LTD.)														
MW-1D	10/30/2008	**0.0016**	**0.010**	**0.38**	**0.0023**	**0.0056**	**0.075**	**0.045**	**0.10**	**0.00017 J**	**0.048**	<0.0065	<0.0032	**0.18**
	5/26/2021	-	**0.000493 J**	**0.0644**	-	<0.000200	**0.00405**	-	<0.000600	<0.0000300	-	**0.0172**	<0.000200	-
REGULATORY STANDARDS														
TCEQ TRRP Tier 1 Residential $^{GW}GW_{Ing}$ PCLs		**0.0060**	**0.010**	**2.0**	**0.0040**	**0.0050**	**0.10**	***1.0**	**0.015**	**0.0020**	**0.49**	**0.050**	***0.10**	***5.0**

Notes:

"-" indicates not analyzed.
"mg/L" represents milligrams per liter.
"VCP" represents Voluntary Cleanup Program.
"TCEQ" represents Texas Commission on Environmental Quality.
"TRRP" represents Texas Risk Reduction Program.
"<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL).
"*" indicates use of a USEPA Secondary Maximum Contaminant Level (MCL) as the regulatory standard.
"<" indicates the analyte was not detected at or above the specified laboratory Sample Detection Limit (SDL).
Concentrations in bold were detected at or above the laboratory SDL or SQL.
"J" indicates the detected concentration is an estimated value above the laboratory SDL but below the Method Quantitation Limit (MQL).
Concentrations highlighted yellow exceed their critical TCEQ TRRP Tier 1 Residential groundwater-ingestion ($^{GW}GW_{Ing}$) Protective Concentration Levels (PCLs).
TCEQ TRRP Tier 1 Residential Groundwater Protective Concentration Levels (PCLs) (30 Texas Administrative Code [TAC] Chapter 350, Table 3: Tier 1 Groundwater PCLs - Residential and Commercial/Industrial, dated May 10, 2023).

TABLE 2
WATER WELL INFORMATION
DRINKING WATER SURVEY REPORT
FORMER CITY OF HOUSTON VELASCO INCINERATOR SITE
0 NORTH VELASCO STREET
(BALL STREET RIGHT-OF-WAY AND BLOCKS 6, 7, 8, AND 9, WEISENBACH SS, HARRIS COUNTY)
HOUSTON, HARRIS COUNTY, TEXAS 77003
VCP NO. 3308

Map ID No.	Well ID	Distance from known extent of groundwater contamination (feet)	Physical Address	Latitude	Longitude	Well Type [1]	Well Use [2]	Well Status [3]	Date of Well Installation	Total Well Depth (feet)	Screen Length (feet)	Screened Interval (feet)	Cemented Interval (feet)	Private Drinking Water Well (Yes/No)	Affected or Potentially Affected (Yes/No)	Current Well Owner Name, Mailing Address, and Phone
1	65-14-762	730 feet southwest	709 North Velasco Street Houston, Texas 77003	29.757501	-95.337778	U	U	U	1953	258	25	233-258	Unknown	Unknown	No	Lead Products Co., Inc. P.O. Box 1341 Houston, Texas 77251
2A	65-14-755	615 feet south	3201 Navigation Boulevard Houston, Texas 77003	29.7572263	-95.336389	U	U	U	1907	1,616	80	1,536-1,616	Unknown	Unknown	No	Southern Pacific Railroad Company 1400 Douglas Street, Stop 1640 Omaha, Nebraska 68179 402-544-5000
2B	65-14-756	370 feet southwest	709 North Velasco Street Houston, Texas 77003	29.758056	-95.336667	N	U	U	1930	619	101	235-611	Unknown	No	No	Lead Products Co., Inc. P.O. Box 1341 Houston, Texas 77251
2C	65-14-758	440 feet southeast	3401 Navigation Boulevard Houston, Texas 77003	29.758334	-95.334722	N	U	U	1936	424	68	339-420	Unknown	No	No	SL Project Texas, L.P. 100 Crescent Court, Suite 850 Dallas, Texas 75201
3	65-14-705, HGSD ID 1576	1,490 feet southeast	405 Hutcheson Street Houston, Texas 77003	29.755001	-95.334445	N	U	P	1951	612	Unknown	Unknown	Unknown	No	No	Donald H. Anderson P.O. Box 607 Kemah, Texas 77565
4	HGSD ID 2843	2,370 feet west	South Jensen Drive ROW Houston, Texas 77003	29.762222	-95.343333	U	U	P	1962	640	Unknown	Unknown	Unknown	No	No	City of Houston P.O. Box 1562 Houston, Texas 77251
5	65-22-2D	2,125 feet southwest	2901 Canal Street Houston, Texas 77003	29.755245	-95.341532	Prv	U	U	1970	186	10	176-186	131-171	Yes	No	CMK Investments, Inc. 2901 Canal Street Houston, Texas 77003
6	65-14-754	2,700 feet west	333 Runnels Street Houston, Texas 77003	29.760834	-95.345000	U	U	U	1923	881	180	150-694	Unknown	Unknown	No	City of Houston P.O. Box 1562 Houston, Texas 77251

Notes:
"VCP" represents Voluntary Cleanup Program.
The water well physical addresses were obtained from the Harris County Appraisal District (HCAD) Parcel Viewer using latitude/longitude coordinates provided by ERIS.
Well Type [1] - Private ("Prv"), Industrial ("N"), Unknown ("U")
Well Use [2] - Drinking Water ("D"), Non-Drinking Water ("N"), Unknown ("U")
Well Status [3] - Plugged ("P"), Unknown ("U")

Attachment 1

Groundwater Laboratory Certificates of Analysis and Chain of Custody Documentation

e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 281-530-5656 Fax 281-530-5887

September 27, 2006

Prasad Rajulu
Terracon Consulting Engineers & Scientists
11555 Clay Road
Suite 100
Houston, TX 77043

Tel: (713) 690-8989
Fax: (713) 690-8787

Re: 92067647/North of Valsco Work Order : **0609262**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 7 samples on 9/20/2006 7:56:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 58.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Jeffrey L Croston

Electronically approved by: Odette E. Elliston

Jeffrey L Croston
Project Manager

Certificate No: T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *September 27, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	92067647/North of Valsco	
Work Order:	0609262	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Jeffrey L Croston

Jeffrey L Croston

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 09/27/2006
Project Name: North of Valsco	Laboratory Job Number: 0609262
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19910, 19921, 19923, 19933 and R41866

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Was % moisture (or solids) reported for all soil and sediment samples?			X		
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			1
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		4) Were MS/MSD RPDs within laboratory QC limits?		X			3
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3 NA = Not applicable;
4 NR = Not Reviewed;
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-Lab Analytical, Inc.			LRC Date: 09/27/2006					
Project Name: North of Valsco			Laboratory Job Number: 0609262					
Reviewer Name: Jeff Croston			Prep Batch Number(s): 19910, 19921, 19923, 19933 and R41866					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X					
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Report	
Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 09/27/2006
Project Name: North of Valsco	Laboratory Job Number: 0609262
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19910, 19921, 19923, 19933 and R41866

ER #[1]	DESCRIPTION
1	TPH TX1005 (all samples) Surrogate recoveries were above the control limits. Recoveries were biased high and all samples were ND, therefore the data was accepted.
2	Batch 19933 TPH TX1005 (sample MW-1A) MS/MSD recoveries were outside of control limits for all ranges. RPD's within control limits.
	Batch 19910 Semivolatiles (sample MW-1A) MS recoveries were above the control limits for Bis(2-ethylhexyl)phthalate (223%).
	Batch R41866 Volatiles (sample MW-1A) MSD recoveries were below the control limits for sec-Butylbenzene (79.5%).
3	Batch 19910 Semivolatiles (sample MW-1A) MS/MSD RPD recoveries were above the control limits for Several compounds.

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: 92067647/North of Valsco
Work Order: **0609262**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609262-01	MW-1A	Water		9/19/2006 11:20	9/20/2006 07:56	☐
0609262-02	MW-2	Water		9/19/2006 12:35	9/20/2006 07:56	☐
0609262-03	MW-3	Water		9/19/2006 14:25	9/20/2006 07:56	☐
0609262-04	MW-4	Water		9/19/2006 15:35	9/20/2006 07:56	☐
0609262-05	Dup-1	Water		9/19/2006	9/20/2006 07:56	☐
0609262-06	Trip Blank 0492	Water		9/19/2006 15:35	9/20/2006 07:56	☑
0609262-07	Trip Blank 0664	Water		9/19/2006 15:35	9/20/2006 07:56	☑

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-1A
Work Order: 0609262
Collection Date: 9/19/2006 11:20:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609262-01
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*158*	S		*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*129*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	**0.0000690**	J	**0.000042**	**0.000200**	**mg/L**	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	**0.00253**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.0608**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00387**		**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.00287**	J	**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/21/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/25/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/25/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/25/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/25/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/25/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/25/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/25/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-1A
Work Order: 0609262
Collection Date: 9/19/2006 11:20:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609262-01
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/25/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/25/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/25/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/25/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/25/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/25/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/25/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-ethylhexyl)phthalate	**0.089**		**0.00050**	**0.010**	**mg/L**	1	9/25/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/25/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/25/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/25/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/25/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/25/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/25/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/25/2006

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT: Terracon Consulting Engineers & Scientists **Client Sample ID:** MW-1A
Work Order: 0609262 **Collection Date:** 9/19/2006 11:20:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609262-01 **Matrix:** WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/25/2006
Phenol	U		0.00050	0.010	mg/L	1	9/25/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Surr: 2,4,6-Tribromophenol	*59.2*			*39-153*	*%REC*	1	9/25/2006
Surr: 2-Fluorobiphenyl	*57.3*			*40-147*	*%REC*	1	9/25/2006
Surr: 2-Fluorophenol	*51.8*			*21-110*	*%REC*	1	9/25/2006
Surr: 4-Terphenyl-d14	*64.8*			*39-141*	*%REC*	1	9/25/2006
Surr: Nitrobenzene-d5	*59.7*			*37-140*	*%REC*	1	9/25/2006
Surr: Phenol-d6	*57.1*			*11-100*	*%REC*	1	9/25/2006
VOLATILES BY GC/MS		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/20/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/20/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/20/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/20/2006
Acetone	U		0.0025	0.010	mg/L	1	9/20/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/20/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/20/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/20/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/20/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/20/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/20/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-1A
Work Order: 0609262
Collection Date: 9/19/2006 11:20:00 AM
Project: 92067647/North of Valsco
Lab ID: 0609262-01
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Methylene chloride	U		0.00060	0.010	mg/L	1	9/20/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/20/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/20/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/20/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/20/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/20/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Trichloroethene	**0.0052**		**0.00070**	**0.0050**	**mg/L**	1	9/20/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/20/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*108*			*72.4-125*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*107*			*71.2-125*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*111*			*75-125*	*%REC*	1	9/20/2006

Qualifiers:

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S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-2
Work Order: 0609262
Collection Date: 9/19/2006 12:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-02
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*148*	S		*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*120*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	**0.0000490**	J	**0.000042**	**0.000200**	**mg/L**	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	U		0.0018	0.00500	mg/L	1	9/22/2006
Barium	**0.0957**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00166**	J	**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.00472**	J	**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/21/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/26/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/26/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/26/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/26/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/26/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/26/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/26/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-2
Work Order: 0609262
Collection Date: 9/19/2006 12:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-02
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/26/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/26/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/26/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/26/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/26/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/26/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/26/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-ethylhexyl)phthalate	**0.34**		**0.0025**	**0.050**	**mg/L**	5	9/26/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/26/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/26/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/26/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/26/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/26/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/26/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/26/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT: Terracon Consulting Engineers & Scientists **Client Sample ID:** MW-2
Work Order: 0609262 **Collection Date:** 9/19/2006 12:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-02 **Matrix:** WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/26/2006
Phenol	U		0.00050	0.010	mg/L	1	9/26/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*72.8*			*39-153*	*%REC*	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*57.2*			*39-153*	*%REC*	5	9/26/2006
Surr: 2-Fluorobiphenyl	*66.2*			*40-147*	*%REC*	1	9/26/2006
Surr: 2-Fluorobiphenyl	*55.4*			*40-147*	*%REC*	5	9/26/2006
Surr: 2-Fluorophenol	*60.0*			*21-110*	*%REC*	1	9/26/2006
Surr: 2-Fluorophenol	*50.1*			*21-110*	*%REC*	5	9/26/2006
Surr: 4-Terphenyl-d14	*73.3*			*39-141*	*%REC*	1	9/26/2006
Surr: 4-Terphenyl-d14	*59.5*			*39-141*	*%REC*	5	9/26/2006
Surr: Nitrobenzene-d5	*71.5*			*37-140*	*%REC*	1	9/26/2006
Surr: Nitrobenzene-d5	*59.5*			*37-140*	*%REC*	5	9/26/2006
Surr: Phenol-d6	*66.8*			*11-100*	*%REC*	1	9/26/2006
Surr: Phenol-d6	*54.5*			*11-100*	*%REC*	5	9/26/2006
VOLATILES BY GC/MS			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/20/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/20/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/20/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/20/2006
Acetone	U		0.0025	0.010	mg/L	1	9/20/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/20/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/20/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/20/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/20/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco
Lab ID: 0609262-02

Client Sample ID: MW-2
Collection Date: 9/19/2006 12:35:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/20/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/20/2006
Methylene chloride	U		0.00060	0.010	mg/L	1	9/20/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/20/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/20/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/20/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/20/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/20/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/20/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/20/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*101*			*70-125*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*109*			*72.4-125*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*109*			*71.2-125*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*110*			*75-125*	*%REC*	1	9/20/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3
Work Order: 0609262
Collection Date: 9/19/2006 2:25:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-03
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*234*	S		*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*164*	S		*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	U		0.000042	0.000200	mg/L	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	**0.00204**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.0705**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00129**	J	**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.0146**		**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/21/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/26/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/26/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/26/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/26/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/26/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/26/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/26/2006

Qualifiers:

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3
Work Order: 0609262
Collection Date: 9/19/2006 2:25:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-03
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/26/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/26/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/26/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/26/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/26/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/26/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/26/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-ethylhexyl)phthalate	**0.0029**	J	**0.00050**	**0.010**	**mg/L**	1	9/26/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/26/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/26/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/26/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/26/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/26/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/26/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/26/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-3
Work Order: 0609262
Collection Date: 9/19/2006 2:25:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-03
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/26/2006
Phenol	U		0.00050	0.010	mg/L	1	9/26/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*81.8*			*39-153*	*%REC*	1	9/26/2006
Surr: 2-Fluorobiphenyl	*72.8*			*40-147*	*%REC*	1	9/26/2006
Surr: 2-Fluorophenol	*63.8*			*21-110*	*%REC*	1	9/26/2006
Surr: 4-Terphenyl-d14	*80.9*			*39-141*	*%REC*	1	9/26/2006
Surr: Nitrobenzene-d5	*75.7*			*37-140*	*%REC*	1	9/26/2006
Surr: Phenol-d6	*72.2*			*11-100*	*%REC*	1	9/26/2006
VOLATILES BY GC/MS		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/20/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/20/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/20/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/20/2006
Acetone	U		0.0025	0.010	mg/L	1	9/20/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/20/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/20/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/20/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/20/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/20/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/20/2006

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P - Dual Column results RPD > 40%
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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco
Lab ID: 0609262-03

Client Sample ID: MW-3
Collection Date: 9/19/2006 2:25:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Methylene chloride	U		0.00060	0.010	mg/L	1	9/20/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/20/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/20/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/20/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/20/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/20/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/20/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/20/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*111*			*72.4-125*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*108*			*71.2-125*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*109*			*75-125*	*%REC*	1	9/20/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4
Work Order: 0609262
Collection Date: 9/19/2006 3:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-04
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*156*	S		*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*120*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	U		0.000042	0.000200	mg/L	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	**0.00198**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.0641**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00297**		**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.00537**		**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/21/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/26/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/26/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/26/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/26/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/26/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/26/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/26/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4
Work Order: 0609262
Collection Date: 9/19/2006 3:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-04
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/26/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/26/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/26/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/26/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/26/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/26/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/26/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-ethylhexyl)phthalate	**0.16**		**0.0025**	**0.050**	**mg/L**	5	9/26/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/26/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/26/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/26/2006
Diethyl phthalate	**0.0058**	J	**0.00050**	**0.010**	**mg/L**	1	9/26/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/26/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/26/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/26/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/26/2006

Qualifiers:

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H - Analyzed outside of Hold Time

CLIENT: Terracon Consulting Engineers & Scientists **Client Sample ID:** MW-4
Work Order: 0609262 **Collection Date:** 9/19/2006 3:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-04 **Matrix:** WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/26/2006
Phenol	U		0.00050	0.010	mg/L	1	9/26/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*77.8*			*39-153*	*%REC*	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*60.4*			*39-153*	*%REC*	5	9/26/2006
Surr: 2-Fluorobiphenyl	*70.1*			*40-147*	*%REC*	1	9/26/2006
Surr: 2-Fluorobiphenyl	*56.2*			*40-147*	*%REC*	5	9/26/2006
Surr: 2-Fluorophenol	*64.1*			*21-110*	*%REC*	1	9/26/2006
Surr: 2-Fluorophenol	*51.2*			*21-110*	*%REC*	5	9/26/2006
Surr: 4-Terphenyl-d14	*78.0*			*39-141*	*%REC*	1	9/26/2006
Surr: 4-Terphenyl-d14	*61.3*			*39-141*	*%REC*	5	9/26/2006
Surr: Nitrobenzene-d5	*74.6*			*37-140*	*%REC*	1	9/26/2006
Surr: Nitrobenzene-d5	*58.8*			*37-140*	*%REC*	5	9/26/2006
Surr: Phenol-d6	*70.3*			*11-100*	*%REC*	1	9/26/2006
Surr: Phenol-d6	*56.8*			*11-100*	*%REC*	5	9/26/2006
VOLATILES BY GC/MS		Method: **SW8260**					Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/20/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/20/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/20/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/20/2006
Acetone	U		0.0025	0.010	mg/L	1	9/20/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/20/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/20/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/20/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/20/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006

Qualifiers:
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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-4
Work Order: 0609262
Collection Date: 9/19/2006 3:35:00 PM
Project: 92067647/North of Valsco
Lab ID: 0609262-04
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/20/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/20/2006
Methylene chloride	U		0.00060	0.010	mg/L	1	9/20/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/20/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/20/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/20/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/20/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/20/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/20/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/20/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*97.9*			*70-125*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*108*			*72.4-125*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*106*			*71.2-125*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*109*			*75-125*	*%REC*	1	9/20/2006

Qualifiers:

U - Analyzed for but Not Detected
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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-1
Work Order: 0609262
Collection Date: 9/19/2006
Project: 92067647/North of Valsco
Lab ID: 0609262-05
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*173*	S		*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*124*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	U		0.000042	0.000200	mg/L	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	**0.00190**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.0937**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00182**	J	**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.00452**	J	**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	U		0.0017	0.00500	mg/L	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/21/06		Analyst: **RSS**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/26/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/26/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/26/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/26/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/26/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/26/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/26/2006

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P - Dual Column results RPD > 40%
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H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-1
Work Order: 0609262
Collection Date: 9/19/2006
Project: 92067647/North of Valsco
Lab ID: 0609262-05
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/26/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/26/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/26/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/26/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/26/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/26/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/26/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/26/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/26/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/26/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/26/2006
Bis(2-ethylhexyl)phthalate	**0.22**		**0.0025**	**0.050**	**mg/L**	5	9/26/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/26/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/26/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/26/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/26/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/26/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/26/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/26/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/26/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/26/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/26/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/26/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/26/2006

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

CLIENT: Terracon Consulting Engineers & Scientists **Client Sample ID:** Dup-1
Work Order: 0609262 **Collection Date:** 9/19/2006
Project: 92067647/North of Valsco
Lab ID: 0609262-05 **Matrix:** WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/26/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/26/2006
Phenol	U		0.00050	0.010	mg/L	1	9/26/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*82.0*			*39-153*	*%REC*	1	9/26/2006
Surr: 2,4,6-Tribromophenol	*60.3*			*39-153*	*%REC*	5	9/26/2006
Surr: 2-Fluorobiphenyl	*73.6*			*40-147*	*%REC*	1	9/26/2006
Surr: 2-Fluorobiphenyl	*56.2*			*40-147*	*%REC*	5	9/26/2006
Surr: 2-Fluorophenol	*57.0*			*21-110*	*%REC*	1	9/26/2006
Surr: 2-Fluorophenol	*43.8*	J		*21-110*	*%REC*	5	9/26/2006
Surr: 4-Terphenyl-d14	*81.7*			*39-141*	*%REC*	1	9/26/2006
Surr: 4-Terphenyl-d14	*62.5*			*39-141*	*%REC*	5	9/26/2006
Surr: Nitrobenzene-d5	*72.2*			*37-140*	*%REC*	1	9/26/2006
Surr: Nitrobenzene-d5	*57.6*			*37-140*	*%REC*	5	9/26/2006
Surr: Phenol-d6	*73.2*			*11-100*	*%REC*	1	9/26/2006
Surr: Phenol-d6	*55.3*			*11-100*	*%REC*	5	9/26/2006
VOLATILES BY GC/MS			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/20/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/20/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/20/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/20/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/20/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/20/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/20/2006
Acetone	U		0.0025	0.010	mg/L	1	9/20/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/20/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/20/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/20/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/20/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/20/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/20/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: Dup-1
Work Order: 0609262
Collection Date: 9/19/2006
Project: 92067647/North of Valsco
Lab ID: 0609262-05
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/20/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/20/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/20/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/20/2006
Methylene chloride	U		0.00060	0.010	mg/L	1	9/20/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/20/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/20/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/20/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/20/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/20/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/20/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/20/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/20/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/20/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/20/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/20/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/20/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	9/20/2006
Surr: 4-Bromofluorobenzene	*108*			*72.4-125*	*%REC*	1	9/20/2006
Surr: Dibromofluoromethane	*110*			*71.2-125*	*%REC*	1	9/20/2006
Surr: Toluene-d8	*111*			*75-125*	*%REC*	1	9/20/2006

Qualifiers:

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: 8260_W
Test Number: SW8260
Test Name: Volatiles by GC/MS
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.0006	0.005
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0015	0.005
A	1,1,2-Trichloroethane	79-00-5	0.0005	0.005
A	1,1-Dichloroethane	75-34-3	0.0005	0.005
A	1,1-Dichloroethene	75-35-4	0.0006	0.005
A	1,2,4-Trimethylbenzene	95-63-6	0.0006	0.005
A	1,2-Dichloroethane	107-06-2	0.0005	0.005
A	1,2-Dichloropropane	78-87-5	0.0007	0.005
A	1,3,5-Trimethylbenzene	108-67-8	0.0007	0.005
A	2-Butanone	78-93-3	0.0008	0.01
A	2-Hexanone	591-78-6	0.0025	0.01
A	4-Methyl-2-pentanone	108-10-1	0.0016	0.01
A	Acetone	67-64-1	0.0025	0.01
A	Benzene	71-43-2	0.0006	0.005
A	Bromodichloromethane	75-27-4	0.0005	0.005
A	Bromoform	75-25-2	0.0008	0.005
A	Bromomethane	74-83-9	0.0005	0.005
A	Carbon disulfide	75-15-0	0.0007	0.01
A	Carbon tetrachloride	56-23-5	0.0006	0.005
A	Chlorobenzene	108-90-7	0.0005	0.005
A	Chloroethane	75-00-3	0.0006	0.005
A	Chloroform	67-66-3	0.0005	0.005
A	Chloromethane	74-87-3	0.0005	0.005
A	cis-1,2-Dichloroethene	156-59-2	0.0005	0.005
A	cis-1,3-Dichloropropene	10061-01-5	0.0005	0.005
A	Dibromochloromethane	124-48-1	0.0005	0.005
A	Ethylbenzene	100-41-4	0.0005	0.005
A	m,p-Xylene	136777-61-2	0.001	0.01
A	Methyl tert-butyl ether	1634-04-4	0.0005	0.005
A	Methylene chloride	75-09-2	0.0006	0.01
A	n-Butylbenzene	104-51-8	0.0008	0.005
A	Naphthalene	91-20-3	0.0011	0.005
A	o-Xylene	95-47-6	0.0005	0.005
A	sec-Butylbenzene	135-98-8	0.0007	0.005
A	Styrene	100-42-5	0.0005	0.005
A	Tetrachloroethene	127-18-4	0.0005	0.005
A	Toluene	108-88-3	0.0005	0.005
A	trans-1,2-Dichloroethene	156-60-5	0.0006	0.005
A	trans-1,3-Dichloropropene	10061-02-6	0.0005	0.005
A	Trichloroethene	79-01-6	0.0007	0.005
A	Vinyl chloride	75-01-4	0.0006	0.002

M	Xylenes, Total	1330-20-7	0.0015	0.015
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	0.005
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0.005
S	Surr: Dibromofluoromethane	1868-53-7	0	0.005
S	Surr: Toluene-d8	2037-26-5	0	0.005

Test Code: 8270_TCL_W
Test Number: SW8270
Test Name: TCL Semivolatile Organics
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,2,4-Trichlorobenzene	120-82-1	0.0005	0.01
A	1,2-Dichlorobenzene	95-50-1	0.0005	0.01
A	1,3-Dichlorobenzene	541-73-1	0.0005	0.01
A	1,4-Dichlorobenzene	106-46-7	0.0005	0.01
A	2,4,5-Trichlorophenol	95-95-4	0.001	0.01
A	2,4,6-Trichlorophenol	88-06-2	0.001	0.01
A	2,4-Dichlorophenol	120-83-2	0.001	0.01
A	2,4-Dimethylphenol	105-67-9	0.001	0.01
A	2,4-Dinitrophenol	51-28-5	0.001	0.01
A	2,4-Dinitrotoluene	121-14-2	0.0007	0.01
A	2,6-Dinitrotoluene	606-20-2	0.0008	0.01
A	2-Chloronaphthalene	91-58-7	0.001	0.01
A	2-Chlorophenol	95-57-8	0.001	0.01
A	2-Methylnaphthalene	91-57-6	0.0005	0.01
A	2-Methylphenol	95-48-7	0.001	0.01
A	2-Nitroaniline	88-74-4	0.0005	0.01
A	2-Nitrophenol	88-75-5	0.0007	0.01
A	3&4-Methylphenol	106-44-5	0.001	0.01
A	3,3′-Dichlorobenzidine	91-94-1	0.0007	0.01
A	3-Nitroaniline	99-09-2	0.001	0.01
A	4,6-Dinitro-2-methylphenol	534-52-1	0.001	0.01
A	4-Bromophenyl phenyl ether	101-55-3	0.0005	0.01
A	4-Chloro-3-methylphenol	59-50-7	0.001	0.01
A	4-Chloroaniline	106-47-8	0.001	0.01
A	4-Chlorophenyl phenyl ether	7005-72-3	0.0005	0.01
A	4-Nitroaniline	100-01-6	0.0009	0.01
A	4-Nitrophenol	100-02-7	0.001	0.01
A	Acenaphthene	83-32-9	0.0005	0.01
A	Acenaphthylene	208-96-8	0.001	0.01
A	Anthracene	120-12-7	0.0007	0.01
A	Benz(a)anthracene	56-55-3	0.0005	0.01
A	Benzo(a)pyrene	50-32-8	0.0005	0.01
A	Benzo(b)fluoranthene	205-99-2	0.0007	0.01
A	Benzo(g,h,i)perylene	191-24-2	0.0005	0.01
A	Benzo(k)fluoranthene	207-08-9	0.0005	0.01
A	Bis(2-chloroethoxy)methane	111-91-1	0.0007	0.01
A	Bis(2-chloroethyl)ether	111-44-4	0.0008	0.01
A	Bis(2-chloroisopropyl)ether	108-60-1	0.0005	0.01
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.0005	0.01
A	Butyl benzyl phthalate	85-68-7	0.0005	0.01
A	Carbazole	86-74-8	0.0005	0.01
A	Chrysene	218-01-9	0.0005	0.01

A	Di-n-butyl phthalate	84-74-2	0.0005	0.01
A	Di-n-octyl phthalate	117-84-0	0.0005	0.01
A	Dibenz(a,h)anthracene	53-70-3	0.001	0.01
A	Dibenzofuran	132-64-9	0.0005	0.01
A	Diethyl phthalate	84-66-2	0.0005	0.01
A	Dimethyl phthalate	131-11-3	0.0005	0.01
A	Fluoranthene	206-44-0	0.0005	0.01
A	Fluorene	86-73-7	0.0005	0.01
A	Hexachlorobenzene	118-74-1	0.0005	0.01
A	Hexachlorobutadiene	87-68-3	0.0006	0.01
A	Hexachlorocyclopentadiene	77-47-4	0.0005	0.01
A	Hexachloroethane	67-72-1	0.0005	0.01
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.0005	0.01
A	Isophorone	78-59-1	0.0005	0.01
A	N-Nitrosodi-n-propylamine	621-64-7	0.0005	0.01
A	N-Nitrosodiphenylamine	86-30-6	0.0005	0.01
A	Naphthalene	91-20-3	0.0005	0.01
A	Nitrobenzene	98-95-3	0.0005	0.01
A	Pentachlorophenol	87-86-5	0.001	0.01
A	Phenanthrene	85-01-8	0.0005	0.01
A	Phenol	108-95-2	0.0005	0.01
A	Pyrene	129-00-0	0.0005	0.01
S	Surr: 2,4,6-Tribromophenol	118-79-6	0	0.01
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0.01
S	Surr: 2-Fluorophenol	367-12-4	0	0.01
S	Surr: 4-Terphenyl-d14	1718-51-0	0	0.01
S	Surr: Nitrobenzene-d5	4165-60-0	0	0.01
S	Surr: Phenol-d6	13127-88-3	0	0.01

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: HG_W
Test Number: SW7470
Test Name: Mercury, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	0.000042	0.0002

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0.005
A	Cadmium	7440-43-9	0.00015	0.001
A	Chromium	7440-47-3	0.0005	0.002
A	Lead	7439-92-1	0.0002	0.005
A	Selenium	7782-49-2	0.0017	0.005
A	Silver	7440-22-4	0.0002	0.005

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: TX1005_W_Low
Test Number: TX1005
Test Name: Low-level Texas TPH
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	>nC12 to nC28	TPHDRO	0.2	0.5
A	>nC28 to nC35	10W40MOTO	0.2	0.5
A	nC6 to nC12	TPHGRO	0.2	0.5
M	Total Petroleum Hydrocarbon	TPH	0.2	0.5
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0
S	Surr: Trifluoromethyl benzene	98-08-8	0	0

e-Lab Analytical, Inc.

Date: *Sep 27 2006*

CLIENT: Terracon Consulting Engineers & Scientists

QC BATCH REPORT

Work Order: 0609262

Project: 92067647/North of Valsco

Batch ID: **19933** Instrument ID **FID-7** Method: **TX1005**

MBLK Sample ID: **FBLKW1-060922** Units: **mg/L** Analysis Date: **09/26/06 6:08**

Client ID: Run ID: **FID-7_060922B** SeqNo: **956840** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	0.50								
>nC12 to nC28	U	0.50								
>nC28 to nC35	U	0.50								
Total Petroleum Hydrocarbon	U	0.50								
Surr: 2-Fluorobiphenyl	*5.919*	0	*5*	0	*118*	*70-130*	0			
Surr: Trifluoromethyl benzene	*5.657*	0	*5*	0	*113*	*70-130*	0			

LCS Sample ID: **FLCSW1-060922** Units: **mg/L** Analysis Date: **09/26/06 6:49**

Client ID: Run ID: **FID-7_060922B** SeqNo: **956841** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	34.07	0.50	33.3	0	102	75-125	0			
>nC12 to nC28	36.15	0.50	33.3	0	109	75-125	0			
Surr: 2-Fluorobiphenyl	*6.37*	0	*5*	0	*127*	*70-130*	0			
Surr: Trifluoromethyl benzene	*5.822*	0	*5*	0	*116*	*70-130*	0			

LCSD Sample ID: **FLCSDW1-060922** Units: **mg/L** Analysis Date: **09/26/06 7:30**

Client ID: Run ID: **FID-7_060922B** SeqNo: **956842** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	33.36	0.50	33.3	0	100	75-125	34.07	2.1	30	
>nC12 to nC28	35.1	0.50	33.3	0	105	75-125	36.15	2.96	30	
Surr: 2-Fluorobiphenyl	*6.402*	0	*5*	0	*128*	*70-130*	6.37	*0.5*	*30*	
Surr: Trifluoromethyl benzene	*6.412*	0	*5*	0	*128*	*70-130*	5.822	*9.65*	*30*	

MS Sample ID: **0609262-01BMS** Units: **mg/L** Analysis Date: **09/26/06 9:34**

Client ID: **MW-1A** Run ID: **FID-7_060922B** SeqNo: **957352** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	48.35	0.50	33.3	0	145	75-125	0			S
>nC12 to nC28	47.53	0.50	33.3	0	143	75-125	0			S
Surr: 2-Fluorobiphenyl	*8.306*	0	*5*	0	*166*	*70-130*	0			*S*
Surr: Trifluoromethyl benzene	*6.674*	0	*5*	0	*133*	*70-130*	0			*S*

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19933** Instrument ID **FID-7** Method: **TX1005**

MSD Sample ID: **0609262-01BMSD** Units: **mg/L** Analysis Date: **09/26/06 10:16**

Client ID: **MW-1A** Run ID: **FID-7_060922B** SeqNo: **957354** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	45.72	0.50	33.3	0	137	75-125	48.35	5.59	30	S
>nC12 to nC28	45.95	0.50	33.3	0	138	75-125	47.53	3.38	30	S
Surr: 2-Fluorobiphenyl	*7.287*	0	*5*	0	*146*	*70-130*	8.306	*13.1*	*30*	*S*
Surr: Trifluoromethyl benzene	*6.106*	0	*5*	0	*122*	*70-130*	6.674	*8.88*	*30*	

The following samples were analyzed in this batch: 0609262-01B 0609262-02B 0609262-03B 0609262-04B 0609262-05B

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19921** Instrument ID **Mercury** Method: **SW7470**

MBLK Sample ID: **GBLKW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:24**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **954997** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

LCS Sample ID: **GLCSW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:26**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **954998** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00462	0.00020	0.005	0	92.4	85-115		0		

LCSD Sample ID: **GLCSDW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:28**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **955001** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00472	0.00020	0.005	0	94.4	85-115	0.00462	2.14	20	

MS Sample ID: **0609262-01CMS** Units: **mg/L** Analysis Date: **09/22/06 13:48**
Client ID: **MW-1A** Run ID: **MERCURY_060922A** SeqNo: **955010** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00477	0.00020	0.005	0.000069	94	85-115		0		

MSD Sample ID: **0609262-01CMSD** Units: **mg/L** Analysis Date: **09/22/06 13:50**
Client ID: **MW-1A** Run ID: **MERCURY_060922A** SeqNo: **955015** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00461	0.00020	0.005	0.000069	90.8	85-115	0.00477	3.41	20	

DUP Sample ID: **0609262-01CDUP** Units: **mg/L** Analysis Date: **09/22/06 13:46**
Client ID: **MW-1A** Run ID: **MERCURY_060922A** SeqNo: **955005** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.000048	0.00020	0	0	0	0-0	0.000069	0	20	J

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19921** Instrument ID **Mercury** Method: **SW7470**

DUP Sample ID: **0609270-01GDUP** Units: **mg/L** Analysis Date: **09/22/06 13:59**

Client ID: Run ID: **MERCURY_060922A** SeqNo: **955031** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0.000014	0	20	

The following samples were analyzed in this batch:

0609262-01C 0609262-02C 0609262-03C
0609262-04C 0609262-05C

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19923** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID: **MBLKW1-092206** Units: **mg/L** Analysis Date: **09/22/06 15:34**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955279** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.0050								
Barium	U	0.0050								
Cadmium	U	0.0020								
Chromium	U	0.0050								
Lead	U	0.0050								
Selenium	U	0.0050								
Silver	U	0.0050								

LCS Sample ID: **MLCSW1-092206** Units: **mg/L** Analysis Date: **09/22/06 15:40**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955280** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05019	0.0050	0.05	0	100	80-121	0			
Barium	0.04887	0.0050	0.05	0	97.7	79.8-119	0			
Cadmium	0.05079	0.0020	0.05	0	102	79.1-119	0			
Chromium	0.04876	0.0050	0.05	0	97.5	79.3-121	0			
Lead	0.04972	0.0050	0.05	0	99.4	80-118	0			
Selenium	0.05108	0.0050	0.05	0	102	79.2-118	0			
Silver	0.04868	0.0050	0.05	0	97.4	80-117	0			

MS Sample ID: **0609262-01CMS** Units: **mg/L** Analysis Date: **09/22/06 18:31**

Client ID: **MW-1A** Run ID: **ICPMS02_060922A** SeqNo: **955295** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05271	0.0050	0.05	0.002533	100	80-121	0			
Barium	0.1034	0.0050	0.05	0.06083	85.1	79.8-119	0			
Cadmium	0.04701	0.0020	0.05	-0.0003028	94.6	79.1-119	0			
Chromium	0.04923	0.0050	0.05	0.00387	90.7	79.3-121	0			
Lead	0.05184	0.0050	0.05	0.002874	97.9	80-118	0			
Selenium	0.05008	0.0050	0.05	0.00009676	100	79.2-118	0			
Silver	0.04241	0.0050	0.05	-0.0004885	85.8	80-117	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19923** Instrument ID **ICPMS02** Method: **SW6020**

MSD Sample ID: **0609262-01CMSD** Units: **mg/L** Analysis Date: **09/22/06 18:37**

Client ID: **MW-1A** Run ID: **ICPMS02_060922A** SeqNo: **955296** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05245	0.0050	0.05	0.002533	99.8	80-121	0.05271	0.494	15	
Barium	0.1032	0.0050	0.05	0.06083	84.7	79.8-119	0.1034	0.194	15	
Cadmium	0.0471	0.0020	0.05	-0.0003028	94.8	79.1-119	0.04701	0.191	15	
Chromium	0.05105	0.0050	0.05	0.00387	94.4	79.3-121	0.04923	3.63	15	
Lead	0.05394	0.0050	0.05	0.002874	102	80-118	0.05184	3.97	15	
Selenium	0.05076	0.0050	0.05	0.00009676	101	79.2-118	0.05008	1.35	15	
Silver	0.04331	0.0050	0.05	-0.0004885	87.6	80-117	0.04241	2.1	15	

DUP Sample ID: **0609262-01CDUP** Units: **mg/L** Analysis Date: **09/22/06 18:20**

Client ID: **MW-1A** Run ID: **ICPMS02_060922A** SeqNo: **955293** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.002543	0.0050	0	0	0	0-0	0.002533	0	25	J
Barium	0.06053	0.0050	0	0	0	0-0	0.06083	0.494	25	
Cadmium	U	0.0020	0	0	0	0-0	-0.0003028	0	25	
Chromium	0.00333	0.0050	0	0	0	0-0	0.00387	0	25	J
Lead	0.002652	0.0050	0	0	0	0-0	0.002874	0	25	J
Selenium	U	0.0050	0	0	0	0-0	0.00009676	0	25	
Silver	U	0.0050	0	0	0	0-0	-0.0004885	0	25	

PDS Sample ID: **0609262-01CBS** Units: **mg/L** Analysis Date: **09/22/06 18:43**

Client ID: **MW-1A** Run ID: **ICPMS02_060922A** SeqNo: **955297** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1105	0.0050	0.1	0.002533	108	75-125	0			
Barium	0.1643	0.0050	0.1	0.06083	103	75-125	0			
Cadmium	0.1003	0.0020	0.1	-0.0003028	101	75-125	0			
Chromium	0.1027	0.0050	0.1	0.00387	98.8	75-125	0			
Lead	0.1076	0.0050	0.1	0.002874	105	75-125	0			
Selenium	0.1062	0.0050	0.1	0.00009676	106	75-125	0			
Silver	0.07505	0.0050	0.1	-0.0004885	75.5	75-125	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19923** Instrument ID **ICPMS02** Method: **SW6020**

SD Sample ID: **0609262-01C DIL** Units: **mg/L** Analysis Date: **09/22/06 18:25**

Client ID: **MW-1A** Run ID: **ICPMS02_060922A** SeqNo: **955294** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.025	0	0	0	0-0	0.002533	0	10	
Barium	0.06105	0.025	0	0	0	0-0	0.06083	0.362	10	
Cadmium	U	0.010	0	0	0	0-0	-0.0003028	0	10	
Chromium	U	0.025	0	0	0	0-0	0.00387	0	10	
Lead	U	0.025	0	0	0	0-0	0.002874	0	10	
Selenium	U	0.025	0	0	0	0-0	0.00009676	0	10	
Silver	U	0.025	0	0	0	0-0	-0.0004885	0	10	

The following samples were analyzed in this batch:

0609262-01C	0609262-02C	0609262-03C
0609262-04C	0609262-05C	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

MBLK Sample ID: **SBLKW1-060921** Units: **µg/L** Analysis Date: **09/22/06 16:12**
Client ID: Run ID: **SV-4_060922A** SeqNo: **957199** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	U	10								
1,2-Dichlorobenzene	U	10								
1,3-Dichlorobenzene	U	10								
1,4-Dichlorobenzene	U	10								
2,4,5-Trichlorophenol	U	10								
2,4,6-Trichlorophenol	U	10								
2,4-Dichlorophenol	U	10								
2,4-Dimethylphenol	U	10								
2,4-Dinitrophenol	U	10								
2,4-Dinitrotoluene	U	10								
2,6-Dinitrotoluene	U	10								
2-Chloronaphthalene	U	10								
2-Chlorophenol	U	10								
2-Methylnaphthalene	U	10								
2-Methylphenol	U	10								
2-Nitroaniline	U	10								
2-Nitrophenol	U	10								
3&4-Methylphenol	U	10								
3,3'-Dichlorobenzidine	U	10								
3-Nitroaniline	U	10								
4,6-Dinitro-2-methylphenol	U	10								
4-Bromophenyl phenyl ether	U	10								
4-Chloro-3-methylphenol	U	10								
4-Chloroaniline	U	10								
4-Chlorophenyl phenyl ether	U	10								
4-Nitroaniline	U	10								
4-Nitrophenol	U	10								
Acenaphthene	U	10								
Acenaphthylene	U	10								
Anthracene	U	10								
Benz(a)anthracene	U	10								
Benzo(a)pyrene	U	10								
Benzo(b)fluoranthene	U	10								
Benzo(g,h,i)perylene	U	10								
Benzo(k)fluoranthene	U	10								
Bis(2-chloroethoxy)methane	U	10								
Bis(2-chloroethyl)ether	U	10								
Bis(2-chloroisopropyl)ether	U	10								
Bis(2-ethylhexyl)phthalate	U	10								
Butyl benzyl phthalate	U	10								

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

Carbazole	U	10					
Chrysene	U	10					
Di-n-butyl phthalate	U	10					
Di-n-octyl phthalate	U	10					
Dibenz(a,h)anthracene	U	10					
Dibenzofuran	U	10					
Diethyl phthalate	U	10					
Dimethyl phthalate	U	10					
Fluoranthene	U	10					
Fluorene	U	10					
Hexachlorobenzene	U	10					
Hexachlorobutadiene	U	10					
Hexachlorocyclopentadiene	U	10					
Hexachloroethane	U	10					
Indeno(1,2,3-cd)pyrene	U	10					
Isophorone	U	10					
N-Nitrosodi-n-propylamine	U	10					
N-Nitrosodiphenylamine	U	10					
Naphthalene	U	10					
Nitrobenzene	U	10					
Pentachlorophenol	U	10					
Phenanthrene	U	10					
Phenol	U	10					
Pyrene	U	10					
Surr: 2,4,6-Tribromophenol	*56.67*	10	*100*	0	*56.7*	*39-153*	0
Surr: 2-Fluorobiphenyl	*63.84*	10	*100*	0	*63.8*	*40-147*	0
Surr: 2-Fluorophenol	*48.97*	10	*100*	0	*49*	*21-110*	0
Surr: 4-Terphenyl-d14	*63.28*	10	*100*	0	*63.3*	*39-141*	0
Surr: Nitrobenzene-d5	*56.59*	10	*100*	0	*56.6*	*37-140*	0
Surr: Phenol-d6	*51.6*	10	*100*	0	*51.6*	*11-100*	0

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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

LCS Sample ID: **SLCSW1-060921** Units: **µg/L** Analysis Date: **09/25/06 19:53**

Client ID: Run ID: **SV-4_060922A** SeqNo: **957202** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	43.46	10	50	0	86.9	55.3-118	0			
1,2-Dichlorobenzene	44.34	10	50	0	88.7	55.9-115	0			
1,3-Dichlorobenzene	42.43	10	50	0	84.9	51.4-115	0			
1,4-Dichlorobenzene	43.1	10	50	0	86.2	53.2-115	0			
2,4,5-Trichlorophenol	91.6	10	100	0	91.6	59.2-126	0			
2,4,6-Trichlorophenol	90.31	10	100	0	90.3	59.8-120	0			
2,4-Dichlorophenol	89.87	10	100	0	89.9	57.6-121	0			
2,4-Dimethylphenol	88.79	10	100	0	88.8	57.2-115	0			
2,4-Dinitrophenol	87.03	10	100	0	87	46.2-124	0			
2,4-Dinitrotoluene	46.78	10	50	0	93.6	62.9-126	0			
2,6-Dinitrotoluene	45.1	10	50	0	90.2	62.2-128	0			
2-Chloronaphthalene	51.82	10	50	0	104	57.6-117	0			
2-Chlorophenol	89.12	10	100	0	89.1	54.3-115	0			
2-Methylnaphthalene	42.77	10	50	0	85.5	51.4-124	0			
2-Methylphenol	94.2	10	100	0	94.2	41.5-115	0			
2-Nitroaniline	46.38	10	50	0	92.8	59.3-125	0			
2-Nitrophenol	85.46	10	100	0	85.5	57.2-115	0			
3&4-Methylphenol	144	10	150	0	96	33.3-115	0			
3,3'-Dichlorobenzidine	31	10	50	0	62	26.7-118	0			
3-Nitroaniline	25.37	10	50	0	50.7	42.4-118	0			
4,6-Dinitro-2-methylphenol	92.47	10	100	0	92.5	60.1-129	0			
4-Bromophenyl phenyl ether	44.67	10	50	0	89.3	62.3-130	0			
4-Chloro-3-methylphenol	95.51	10	100	0	95.5	55.5-120	0			
4-Chloroaniline	21.87	10	50	0	43.7	36.4-116	0			
4-Chlorophenyl phenyl ether	45.8	10	50	0	91.6	64-124	0			
4-Nitroaniline	40.82	10	50	0	81.6	51.4-125	0			
4-Nitrophenol	95.38	10	100	0	95.4	17-100	0			
Acenaphthene	43.56	10	50	0	87.1	63.1-120	0			
Acenaphthylene	44.17	10	50	0	88.3	62.8-118	0			
Anthracene	45.88	10	50	0	91.8	64.5-128	0			
Benz(a)anthracene	48.26	10	50	0	96.5	60.1-125	0			
Benzo(a)pyrene	51.59	10	50	0	103	56.7-135	0			
Benzo(b)fluoranthene	53.97	10	50	0	108	50.5-134	0			
Benzo(g,h,i)perylene	47.83	10	50	0	95.7	52.2-138	0			
Benzo(k)fluoranthene	50.47	10	50	0	101	60-140	0			
Bis(2-chloroethoxy)methane	46.43	10	50	0	92.9	63.2-119	0			
Bis(2-chloroethyl)ether	48.16	10	50	0	96.3	62.3-115	0			
Bis(2-chloroisopropyl)ether	49.48	10	50	0	99	54.9-117	0			
Bis(2-ethylhexyl)phthalate	49.6	10	50	0	99.2	59.1-136	0			
Butyl benzyl phthalate	50.6	10	50	0	101	57.5-132	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

Carbazole	46.97	10	50	0	93.9	65.5-130	0
Chrysene	46.55	10	50	0	93.1	62.4-125	0
Di-n-butyl phthalate	49.2	10	50	0	98.4	64.6-133	0
Di-n-octyl phthalate	54.46	10	50	0	109	49.7-152	0
Dibenz(a,h)anthracene	49.38	10	50	0	98.8	49.2-136	0
Dibenzofuran	45.05	10	50	0	90.1	64.3-122	0
Diethyl phthalate	45.99	10	50	0	92	62.7-129	0
Dimethyl phthalate	45.94	10	50	0	91.9	63.7-126	0
Fluoranthene	47.3	10	50	0	94.6	61.2-128	0
Fluorene	45.15	10	50	0	90.3	64.9-121	0
Hexachlorobenzene	47.08	10	50	0	94.2	65.6-126	0
Hexachlorobutadiene	43.08	10	50	0	86.2	46.1-121	0
Hexachlorocyclopentadiene	40.03	10	50	0	80.1	43.4-120	0
Hexachloroethane	46.29	10	50	0	92.6	60-115	0
Indeno(1,2,3-cd)pyrene	43.23	10	50	0	86.5	50.3-123	0
Isophorone	45.9	10	50	0	91.8	62-121	0
N-Nitrosodi-n-propylamine	47.86	10	50	0	95.7	59.7-116	0
N-Nitrosodiphenylamine	45.56	10	50	0	91.1	65.1-136	0
Naphthalene	44.36	10	50	0	88.7	59.9-115	0
Nitrobenzene	44.41	10	50	0	88.8	59.1-134	0
Pentachlorophenol	91.77	10	100	0	91.8	51.3-134	0
Phenanthrene	47.04	10	50	0	94.1	65.2-122	0
Phenol	88.59	10	100	0	88.6	16-115	0
Pyrene	50.13	10	50	0	100	59.7-121	0
Surr: 2,4,6-Tribromophenol	*85.09*	10	*100*	0	*85.1*	*39-153*	0
Surr: 2-Fluorobiphenyl	*83.55*	10	*100*	0	*83.6*	*40-147*	0
Surr: 2-Fluorophenol	*83.02*	10	*100*	0	*83*	*21-110*	0
Surr: 4-Terphenyl-d14	*94.02*	10	*100*	0	*94*	*39-141*	0
Surr: Nitrobenzene-d5	*85.5*	10	*100*	0	*85.5*	*37-140*	0
Surr: Phenol-d6	*90.87*	10	*100*	0	*90.9*	*11-100*	0

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

MS Sample ID: **0609262-01DMS** Units: **µg/L** Analysis Date: **09/25/06 18:44**

Client ID: **MW-1A** Run ID: **SV-4_060922A** SeqNo: **957201** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	38.92	10	50	0	77.8	55.3-118	0			
1,2-Dichlorobenzene	39.57	10	50	0	79.1	55.9-115	0			
1,3-Dichlorobenzene	38.93	10	50	0	77.9	51.4-115	0			
1,4-Dichlorobenzene	39.23	10	50	0	78.5	53.2-115	0			
2,4,5-Trichlorophenol	86.98	10	100	0	87	59.2-126	0			
2,4,6-Trichlorophenol	82.29	10	100	0	82.3	59.8-120	0			
2,4-Dichlorophenol	81.86	10	100	0	81.9	57.6-121	0			
2,4-Dimethylphenol	79.07	10	100	0	79.1	57.2-115	0			
2,4-Dinitrophenol	74.67	10	100	0	74.7	46.2-124	0			
2,4-Dinitrotoluene	42.92	10	50	0	85.8	62.9-126	0			
2,6-Dinitrotoluene	43.03	10	50	0	86.1	62.2-128	0			
2-Chloronaphthalene	49.17	10	50	0	98.3	57.6-117	0			
2-Chlorophenol	76.5	10	100	0	76.5	54.3-115	0			
2-Methylnaphthalene	39.39	10	50	0	78.8	51.4-124	0			
2-Methylphenol	83.59	10	100	0	83.6	41.5-115	0			
2-Nitroaniline	42.06	10	50	0	84.1	59.3-125	0			
2-Nitrophenol	78.36	10	100	0	78.4	57.2-115	0			
3&4-Methylphenol	125	10	150	0	83.3	33.3-115	0			
3,3'-Dichlorobenzidine	36.62	10	50	0	73.2	26.7-118	0			
3-Nitroaniline	36.78	10	50	0	73.6	42.4-118	0			
4,6-Dinitro-2-methylphenol	83.78	10	100	0	83.8	60.1-129	0			
4-Bromophenyl phenyl ether	41.72	10	50	0	83.4	62.3-130	0			
4-Chloro-3-methylphenol	85.61	10	100	0	85.6	55.5-120	0			
4-Chloroaniline	37.92	10	50	0	75.8	36.4-116	0			
4-Chlorophenyl phenyl ether	43.48	10	50	0	87	64-124	0			
4-Nitroaniline	38.27	10	50	0	76.5	51.4-125	0			
4-Nitrophenol	85.1	10	100	0	85.1	17-100	0			
Acenaphthene	41.5	10	50	0	83	63.1-120	0			
Acenaphthylene	41.91	10	50	0	83.8	62.8-118	0			
Anthracene	41.2	10	50	0	82.4	64.5-128	0			
Benz(a)anthracene	43.05	10	50	0	86.1	60.1-125	0			
Benzo(a)pyrene	43.98	10	50	0	88	56.7-135	0			
Benzo(b)fluoranthene	43.53	10	50	0	87.1	50.5-134	0			
Benzo(g,h,i)perylene	43.76	10	50	0	87.5	52.2-138	0			
Benzo(k)fluoranthene	43.41	10	50	0	86.8	60-140	0			
Bis(2-chloroethoxy)methane	42.3	10	50	0	84.6	63.2-119	0			
Bis(2-chloroethyl)ether	42.33	10	50	0	84.7	62.3-115	0			
Bis(2-chloroisopropyl)ether	43.44	10	50	0	86.9	54.9-117	0			
Bis(2-ethylhexyl)phthalate	200.1	10	50	88.66	223	59.1-136	0			SE
Butyl benzyl phthalate	46.88	10	50	0	93.8	57.5-132	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

Carbazole	41.36	10	50	0	82.7	65.5-130	0
Chrysene	42.61	10	50	0	85.2	62.4-125	0
Di-n-butyl phthalate	44.59	10	50	0	89.2	64.6-133	0
Di-n-octyl phthalate	47.28	10	50	0	94.6	49.7-152	0
Dibenz(a,h)anthracene	41.81	10	50	0	83.6	49.2-136	0
Dibenzofuran	42.36	10	50	0	84.7	64.3-122	0
Diethyl phthalate	42.03	10	50	0	84.1	62.7-129	0
Dimethyl phthalate	44.25	10	50	0	88.5	63.7-126	0
Fluoranthene	42.28	10	50	0	84.6	61.2-128	0
Fluorene	41.57	10	50	0	83.1	64.9-121	0
Hexachlorobenzene	43.29	10	50	0	86.6	65.6-126	0
Hexachlorobutadiene	39.5	10	50	0	79	46.1-121	0
Hexachlorocyclopentadiene	39.31	10	50	0	78.6	43.4-120	0
Hexachloroethane	39.98	10	50	0	80	60-115	0
Indeno(1,2,3-cd)pyrene	37.32	10	50	0	74.6	50.3-123	0
Isophorone	42.7	10	50	0	85.4	62-121	0
N-Nitrosodi-n-propylamine	44.39	10	50	0	88.8	59.7-116	0
N-Nitrosodiphenylamine	42.6	10	50	0	85.2	65.1-136	0
Naphthalene	40.86	10	50	0	81.7	59.9-115	0
Nitrobenzene	42.37	10	50	0	84.7	59.1-134	0
Pentachlorophenol	79.38	10	100	0	79.4	51.3-134	0
Phenanthrene	42.22	10	50	0	84.4	65.2-122	0
Phenol	77.81	10	100	0	77.8	16-115	0
Pyrene	45.07	10	50	0	90.1	59.7-121	0
Surr: 2,4,6-Tribromophenol	*77.04*	10	*100*	0	*77*	*39-153*	0
Surr: 2-Fluorobiphenyl	*78.72*	10	*100*	0	*78.7*	*40-147*	0
Surr: 2-Fluorophenol	*70.31*	10	*100*	0	*70.3*	*21-110*	0
Surr: 4-Terphenyl-d14	*81.98*	10	*100*	0	*82*	*39-141*	0
Surr: Nitrobenzene-d5	*75.88*	10	*100*	0	*75.9*	*37-140*	0
Surr: Phenol-d6	*77.1*	10	*100*	0	*77.1*	*11-100*	0

ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

MSD Sample ID: **0609262-01DMSD** Units: **µg/L** Analysis Date: **09/25/06 18:09**

Client ID: **MW-1A** Run ID: **SV-4_060922A** SeqNo: **957200** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	34.53	10	50	0	69.1	55.3-118	38.92	11.9	20	
1,2-Dichlorobenzene	34.74	10	50	0	69.5	55.9-115	39.57	13	20	
1,3-Dichlorobenzene	34.91	10	50	0	69.8	51.4-115	38.93	10.9	20	
1,4-Dichlorobenzene	34.9	10	50	0	69.8	53.2-115	39.23	11.7	20	
2,4,5-Trichlorophenol	73.09	10	100	0	73.1	59.2-126	86.98	17.4	20	
2,4,6-Trichlorophenol	73.96	10	100	0	74	59.8-120	82.29	10.7	20	
2,4-Dichlorophenol	75.64	10	100	0	75.6	57.6-121	81.86	7.89	20	
2,4-Dimethylphenol	72.73	10	100	0	72.7	57.2-115	79.07	8.35	20	
2,4-Dinitrophenol	70.22	10	100	0	70.2	46.2-124	74.67	6.14	20	
2,4-Dinitrotoluene	36.97	10	50	0	73.9	62.9-126	42.92	14.9	20	
2,6-Dinitrotoluene	36.42	10	50	0	72.8	62.2-128	43.03	16.7	20	
2-Chloronaphthalene	43.02	10	50	0	86	57.6-117	49.17	13.3	20	
2-Chlorophenol	69.96	10	100	0	70	54.3-115	76.5	8.93	20	
2-Methylnaphthalene	35.26	10	50	0	70.5	51.4-124	39.39	11.1	20	
2-Methylphenol	75.62	10	100	0	75.6	41.5-115	83.59	10	20	
2-Nitroaniline	38.31	10	50	0	76.6	59.3-125	42.06	9.32	20	
2-Nitrophenol	69.62	10	100	0	69.6	57.2-115	78.36	11.8	20	
3&4-Methylphenol	115.5	10	150	0	77	33.3-115	125	7.9	20	
3,3'-Dichlorobenzidine	29.01	10	50	0	58	26.7-118	36.62	23.2	20	R
3-Nitroaniline	26.85	10	50	0	53.7	42.4-118	36.78	31.2	20	R
4,6-Dinitro-2-methylphenol	76.82	10	100	0	76.8	60.1-129	83.78	8.66	20	
4-Bromophenyl phenyl ether	38.41	10	50	0	76.8	62.3-130	41.72	8.25	20	
4-Chloro-3-methylphenol	78.11	10	100	0	78.1	55.5-120	85.61	9.15	20	
4-Chloroaniline	24.29	10	50	0	48.6	36.4-116	37.92	43.8	20	R
4-Chlorophenyl phenyl ether	37.3	10	50	0	74.6	64-124	43.48	15.3	20	
4-Nitroaniline	32.33	10	50	0	64.7	51.4-125	38.27	16.8	20	
4-Nitrophenol	76.02	10	100	0	76	17-100	85.1	11.3	20	
Acenaphthene	36.5	10	50	0	73	63.1-120	41.5	12.8	20	
Acenaphthylene	36.83	10	50	0	73.7	62.8-118	41.91	12.9	20	
Anthracene	36.78	10	50	0	73.6	64.5-128	41.2	11.3	20	
Benz(a)anthracene	37.36	10	50	0	74.7	60.1-125	43.05	14.1	20	
Benzo(a)pyrene	38.93	10	50	0	77.9	56.7-135	43.98	12.2	20	
Benzo(b)fluoranthene	42.67	10	50	0	85.3	50.5-134	43.53	1.99	20	
Benzo(g,h,i)perylene	37.15	10	50	0	74.3	52.2-138	43.76	16.3	20	
Benzo(k)fluoranthene	34.42	10	50	0	68.8	60-140	43.41	23.1	20	R
Bis(2-chloroethoxy)methane	37.85	10	50	0	75.7	63.2-119	42.3	11.1	20	
Bis(2-chloroethyl)ether	38.73	10	50	0	77.5	62.3-115	42.33	8.89	20	
Bis(2-chloroisopropyl)ether	38.58	10	50	0	77.2	54.9-117	43.44	11.8	20	
Bis(2-ethylhexyl)phthalate	41.25	10	50	0	82.5	59.1-136	200.1	132	20	R
Butyl benzyl phthalate	40.6	10	50	0	81.2	57.5-132	46.88	14.3	20	

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **19910** Instrument ID **SV-4** Method: **SW8270**

Carbazole	37.39	10	50	0	74.8	65.5-130	41.36	10.1	20
Chrysene	37.41	10	50	0	74.8	62.4-125	42.61	13	20
Di-n-butyl phthalate	39.14	10	50	0	78.3	64.6-133	44.59	13	20
Di-n-octyl phthalate	40.97	10	50	0	81.9	49.7-152	47.28	14.3	20
Dibenz(a,h)anthracene	37.57	10	50	0	75.1	49.2-136	41.81	10.7	20
Dibenzofuran	37.42	10	50	0	74.8	64.3-122	42.36	12.4	20
Diethyl phthalate	37.67	10	50	0	75.3	62.7-129	42.03	11	20
Dimethyl phthalate	37.53	10	50	0	75.1	63.7-126	44.25	16.4	20
Fluoranthene	36.59	10	50	0	73.2	61.2-128	42.28	14.4	20
Fluorene	37.05	10	50	0	74.1	64.9-121	41.57	11.5	20
Hexachlorobenzene	37.9	10	50	0	75.8	65.6-126	43.29	13.3	20
Hexachlorobutadiene	35.57	10	50	0	71.1	46.1-121	39.5	10.5	20
Hexachlorocyclopentadiene	32.63	10	50	0	65.3	43.4-120	39.31	18.6	20
Hexachloroethane	36.06	10	50	0	72.1	60-115	39.98	10.3	20
Indeno(1,2,3-cd)pyrene	42.48	10	50	0	85	50.3-123	37.32	12.9	20
Isophorone	38.49	10	50	0	77	62-121	42.7	10.4	20
N-Nitrosodi-n-propylamine	39.05	10	50	0	78.1	59.7-116	44.39	12.8	20
N-Nitrosodiphenylamine	37.54	10	50	0	75.1	65.1-136	42.6	12.6	20
Naphthalene	36.57	10	50	0	73.1	59.9-115	40.86	11.1	20
Nitrobenzene	36.57	10	50	0	73.1	59.1-134	42.37	14.7	20
Pentachlorophenol	71.84	10	100	0	71.8	51.3-134	79.38	9.97	20
Phenanthrene	37.19	10	50	0	74.4	65.2-122	42.22	12.7	20
Phenol	70.22	10	100	0	70.2	16-115	77.81	10.3	20
Pyrene	40.02	10	50	0	80	59.7-121	45.07	11.9	20
Surr: 2,4,6-Tribromophenol	*66.6*	10	*100*	0	*66.6*	*39-153*	77.04	*14.5*	*20*
Surr: 2-Fluorobiphenyl	*65.6*	10	*100*	0	*65.6*	*40-147*	78.72	*18.2*	*20*
Surr: 2-Fluorophenol	*61.47*	10	*100*	0	*61.5*	*21-110*	70.31	*13.4*	*20*
Surr: 4-Terphenyl-d14	*70.23*	10	*100*	0	*70.2*	*39-141*	81.98	*15.4*	*20*
Surr: Nitrobenzene-d5	*65.59*	10	*100*	0	*65.6*	*37-140*	75.88	*14.5*	*20*
Surr: Phenol-d6	*67.34*	10	*100*	0	*67.3*	*11-100*	77.1	*13.5*	*20*

The following samples were analyzed in this batch:

0609262-01D	0609262-02D	0609262-03D
0609262-04D	0609262-05D	

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866** Instrument ID **VOA1** Method: **SW8260**

MBLK Sample ID: **VBLKW-060920** Units: **µg/L** Analysis Date: **09/20/06 13:04**

Client ID: Run ID: **VOA1_060920A** SeqNo: **953479** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trimethylbenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
n-Butylbenzene	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
sec-Butylbenzene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866** Instrument ID **VOA1** Method: **SW8260**

Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*51*	5.0	*50*	0	*102*	*70-125*	0
Surr: 4-Bromofluorobenzene	*55.09*	5.0	*50*	0	*110*	*72.4-125*	0
Surr: Dibromofluoromethane	*54.6*	5.0	*50*	0	*109*	*71.2-125*	0
Surr: Toluene-d8	*55.29*	5.0	*50*	0	*111*	*75-125*	0

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID: **VLCSW-060920** Units: **µg/L** Analysis Date: **09/20/06 13:32**

Client ID: Run ID: **VOA1_060920A** SeqNo: **953480** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.6	5.0	50	0	103	79.6-120		0		
1,1,2,2-Tetrachloroethane	50.32	5.0	50	0	101	78.9-121		0		
1,1,2-Trichloroethane	51.78	5.0	50	0	104	80-120		0		
1,1-Dichloroethane	48.95	5.0	50	0	97.9	74.2-122		0		
1,1-Dichloroethene	50.35	5.0	50	0	101	75.8-122		0		
1,2,4-Trimethylbenzene	49.32	5.0	50	0	98.6	80-120		0		
1,2-Dichloroethane	50.83	5.0	50	0	102	78.8-120		0		
1,2-Dichloropropane	49.79	5.0	50	0	99.6	80-120		0		
1,3,5-Trimethylbenzene	49.2	5.0	50	0	98.4	80-120		0		
2-Butanone	91.89	10	100	0	91.9	69.2-131		0		
2-Hexanone	108	10	100	0	108	59.1-135		0		
4-Methyl-2-pentanone	103.9	10	100	0	104	71.6-124		0		
Acetone	103.1	10	100	0	103	60.1-141		0		
Benzene	49.36	5.0	50	0	98.7	80-120		0		
Bromodichloromethane	52.27	5.0	50	0	105	80-120		0		
Bromoform	49.52	5.0	50	0	99	78.1-120		0		
Bromomethane	43.9	5.0	50	0	87.8	52.8-147		0		
Carbon disulfide	87.6	10	100	0	87.6	78.8-120		0		
Carbon tetrachloride	52.45	5.0	50	0	105	76.8-120		0		
Chlorobenzene	51.17	5.0	50	0	102	80-120		0		
Chloroethane	50.56	5.0	50	0	101	74.2-120		0		
Chloroform	50.76	5.0	50	0	102	80-120		0		
Chloromethane	49.89	5.0	50	0	99.8	63.5-133		0		
cis-1,2-Dichloroethene	50.43	5.0	50	0	101	80-120		0		
cis-1,3-Dichloropropene	50.42	5.0	50	0	101	80-120		0		
Dibromochloromethane	53.63	5.0	50	0	107	80-120		0		
Ethylbenzene	50.06	5.0	50	0	100	80-120		0		
m,p-Xylene	102.8	10	100	0	103	80-120		0		
Methyl tert-butyl ether	51.16	5.0	50	0	102	75.8-123		0		
Methylene chloride	50.28	10	50	0	101	74.7-120		0		
n-Butylbenzene	49.65	5.0	50	0	99.3	80-120		0		
Naphthalene	48.79	5.0	50	0	97.6	71.4-124		0		
o-Xylene	52.02	5.0	50	0	104	80-120		0		
sec-Butylbenzene	48.79	5.0	50	0	97.6	80-120		0		
Styrene	51.6	5.0	50	0	103	80-120		0		
Tetrachloroethene	52.46	5.0	50	0	105	80-120		0		
Toluene	50.83	5.0	50	0	102	80-120		0		
trans-1,2-Dichloroethene	48.38	5.0	50	0	96.8	75.9-122		0		
trans-1,3-Dichloropropene	52.09	5.0	50	0	104	80-120		0		
Trichloroethene	51.48	5.0	50	0	103	80-120		0		

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CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609262
Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866**	Instrument ID **VOA1**		Method: **SW8260**				
Vinyl chloride	48.18	2.0	50	0	96.4	76.2-121	0
Xylenes, Total	154.8	15	150	0	103	80-120	0
Surr: 1,2-Dichloroethane-d4	*50.89*	5.0	*50*	0	*102*	*70-125*	0
Surr: 4-Bromofluorobenzene	*54.97*	5.0	*50*	0	*110*	*72.4-125*	0
Surr: Dibromofluoromethane	*53.9*	5.0	*50*	0	*108*	*71.2-125*	0
Surr: Toluene-d8	*55.17*	5.0	*50*	0	*110*	*75-125*	0

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866** Instrument ID **VOA1** Method: **SW8260**

MS Sample ID: **0609262-01AMS** Units: **µg/L** Analysis Date: **09/20/06 14:55**

Client ID: **MW-1A** Run ID: **VOA1_060920A** SeqNo: **953482** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.87	5.0	50	0	91.7	79.6-120		0		
1,1,2,2-Tetrachloroethane	48.47	5.0	50	0	96.9	78.9-121		0		
1,1,2-Trichloroethane	48.33	5.0	50	0	96.7	80-120		0		
1,1-Dichloroethane	46.82	5.0	50	0	93.6	74.2-122		0		
1,1-Dichloroethene	43.65	5.0	50	0	87.3	75.8-122		0		
1,2,4-Trimethylbenzene	47.28	5.0	50	0	94.6	80-120		0		
1,2-Dichloroethane	48.82	5.0	50	0	97.6	78.8-120		0		
1,2-Dichloropropane	47.93	5.0	50	0	95.9	80-120		0		
1,3,5-Trimethylbenzene	45.88	5.0	50	0	91.8	80-120		0		
2-Butanone	91.98	10	100	0	92	69.2-131		0		
2-Hexanone	94.98	10	100	0	95	59.1-135		0		
4-Methyl-2-pentanone	96.1	10	100	0	96.1	71.6-124		0		
Acetone	88.6	10	100	0	88.6	60.1-141		0		
Benzene	47.42	5.0	50	0	94.8	80-120		0		
Bromodichloromethane	50.29	5.0	50	0	101	80-120		0		
Bromoform	46.79	5.0	50	0	93.6	78.1-120		0		
Bromomethane	45.93	5.0	50	0	91.9	52.8-147		0		
Carbon disulfide	112.5	10	100	0	113	78.8-120		0		
Carbon tetrachloride	42.05	5.0	50	0	84.1	76.8-120		0		
Chlorobenzene	49.07	5.0	50	0	98.1	80-120		0		
Chloroethane	46.89	5.0	50	0	93.8	74.2-120		0		
Chloroform	48.98	5.0	50	0	98	80-120		0		
Chloromethane	48.45	5.0	50	0	96.9	63.5-133		0		
cis-1,2-Dichloroethene	49.3	5.0	50	0	98.6	80-120		0		
cis-1,3-Dichloropropene	49.16	5.0	50	0	98.3	80-120		0		
Dibromochloromethane	52.05	5.0	50	0	104	80-120		0		
Ethylbenzene	47.53	5.0	50	0	95.1	80-120		0		
m,p-Xylene	95.51	10	100	0	95.5	80-120		0		
Methyl tert-butyl ether	49.08	5.0	50	0	98.2	75.8-123		0		
Methylene chloride	48.89	10	50	0	97.8	74.7-120		0		
n-Butylbenzene	41.5	5.0	50	0	83	80-120		0		
Naphthalene	45.88	5.0	50	0	91.8	71.4-124		0		
o-Xylene	48.69	5.0	50	0	97.4	80-120		0		
sec-Butylbenzene	41.33	5.0	50	0	82.7	80-120		0		
Styrene	49.1	5.0	50	0	98.2	80-120		0		
Tetrachloroethene	44.77	5.0	50	0	89.5	80-120		0		
Toluene	48.31	5.0	50	0	96.6	80-120		0		
trans-1,2-Dichloroethene	46.34	5.0	50	0	92.7	75.9-122		0		
trans-1,3-Dichloropropene	50.95	5.0	50	0	102	80-120		0		
Trichloroethene	51.55	5.0	50	5.234	92.6	80-120		0		

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866**	Instrument ID **VOA1**		Method: **SW8260**				
Vinyl chloride	41.5	2.0	50	0	83	76.2-121	0
Xylenes, Total	144.2	15	150	0	96.1	80-120	0
Surr: 1,2-Dichloroethane-d4	*50.21*	5.0	*50*	0	*100*	*70-125*	0
Surr: 4-Bromofluorobenzene	*53.98*	5.0	*50*	0	*108*	*72.4-125*	0
Surr: Dibromofluoromethane	*53.48*	5.0	*50*	0	*107*	*71.2-125*	0
Surr: Toluene-d8	*55.5*	5.0	*50*	0	*111*	*75-125*	0

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CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866** Instrument ID **VOA1** Method: **SW8260**

MSD Sample ID: **0609262-01AMSD** Units: **µg/L** Analysis Date: **09/20/06 15:22**

Client ID: **MW-1A** Run ID: **VOA1_060920A** SeqNo: **953483** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.53	5.0	50	0	91.1	79.6-120	45.87	0.741	20	
1,1,2,2-Tetrachloroethane	48.24	5.0	50	0	96.5	78.9-121	48.47	0.483	20	
1,1,2-Trichloroethane	49.76	5.0	50	0	99.5	80-120	48.33	2.91	20	
1,1-Dichloroethane	47.1	5.0	50	0	94.2	74.2-122	46.82	0.614	20	
1,1-Dichloroethene	41.78	5.0	50	0	83.6	75.8-122	43.65	4.37	20	
1,2,4-Trimethylbenzene	45.67	5.0	50	0	91.3	80-120	47.28	3.47	20	
1,2-Dichloroethane	49.51	5.0	50	0	99	78.8-120	48.82	1.41	20	
1,2-Dichloropropane	48.3	5.0	50	0	96.6	80-120	47.93	0.769	20	
1,3,5-Trimethylbenzene	44.74	5.0	50	0	89.5	80-120	45.88	2.52	20	
2-Butanone	89.51	10	100	0	89.5	69.2-131	91.98	2.72	20	
2-Hexanone	93.05	10	100	0	93.1	59.1-135	94.98	2.05	20	
4-Methyl-2-pentanone	96.07	10	100	0	96.1	71.6-124	96.1	0.0275	20	
Acetone	94.81	10	100	0	94.8	60.1-141	88.6	6.77	20	
Benzene	47.62	5.0	50	0	95.2	80-120	47.42	0.42	20	
Bromodichloromethane	51.14	5.0	50	0	102	80-120	50.29	1.67	20	
Bromoform	47.58	5.0	50	0	95.2	78.1-120	46.79	1.66	20	
Bromomethane	48.89	5.0	50	0	97.8	52.8-147	45.93	6.23	20	
Carbon disulfide	113.2	10	100	0	113	78.8-120	112.5	0.629	20	
Carbon tetrachloride	40.45	5.0	50	0	80.9	76.8-120	42.05	3.89	20	
Chlorobenzene	48.9	5.0	50	0	97.8	80-120	49.07	0.364	20	
Chloroethane	46.95	5.0	50	0	93.9	74.2-120	46.89	0.127	20	
Chloroform	49.42	5.0	50	0	98.8	80-120	48.98	0.898	20	
Chloromethane	49.23	5.0	50	0	98.5	63.5-133	48.45	1.59	20	
cis-1,2-Dichloroethene	49.29	5.0	50	0	98.6	80-120	49.3	0.02	20	
cis-1,3-Dichloropropene	49.75	5.0	50	0	99.5	80-120	49.16	1.19	20	
Dibromochloromethane	52.07	5.0	50	0	104	80-120	52.05	0.0445	20	
Ethylbenzene	47.19	5.0	50	0	94.4	80-120	47.53	0.72	20	
m,p-Xylene	93.39	10	100	0	93.4	80-120	95.51	2.25	20	
Methyl tert-butyl ether	50.13	5.0	50	0	100	75.8-123	49.08	2.12	20	
Methylene chloride	48.69	10	50	0	97.4	74.7-120	48.89	0.399	20	
n-Butylbenzene	40.76	5.0	50	0	81.5	80-120	41.5	1.8	20	
Naphthalene	47.77	5.0	50	0	95.5	71.4-124	45.88	4.03	20	
o-Xylene	48.95	5.0	50	0	97.9	80-120	48.69	0.536	20	
sec-Butylbenzene	39.76	5.0	50	0	79.5	80-120	41.33	3.88	20	S
Styrene	49.03	5.0	50	0	98.1	80-120	49.1	0.142	20	
Tetrachloroethene	42.49	5.0	50	0	85	80-120	44.77	5.23	20	
Toluene	48.61	5.0	50	0	97.2	80-120	48.31	0.63	20	
trans-1,2-Dichloroethene	47.76	5.0	50	0	95.5	75.9-122	46.34	3.02	20	
trans-1,3-Dichloropropene	51.27	5.0	50	0	103	80-120	50.95	0.622	20	
Trichloroethene	52.61	5.0	50	5.234	94.8	80-120	51.55	2.04	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientists

Work Order: 0609262

Project: 92067647/North of Valsco

QC BATCH REPORT

Batch ID: **R41866**	Instrument ID **VOA1**		Method: **SW8260**						
Vinyl chloride	42.65	2.0	50	0	85.3	76.2-121	41.5	2.73	20
Xylenes, Total	142.3	15	150	0	94.9	80-120	144.2	1.3	20
Surr: 1,2-Dichloroethane-d4	*50.05*	5.0	*50*	0	*100*	*70-125*	50.21	*0.317*	*20*
Surr: 4-Bromofluorobenzene	*53.63*	5.0	*50*	0	*107*	*72.4-125*	53.98	*0.659*	*20*
Surr: Dibromofluoromethane	*54.15*	5.0	*50*	0	*108*	*71.2-125*	53.48	*1.24*	*20*
Surr: Toluene-d8	*54.61*	5.0	*50*	0	*109*	*75-125*	55.5	*1.61*	*20*

The following samples were analyzed in this batch:

0609262-01A	0609262-02A	0609262-03A
0609262-04A	0609262-05A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

e-Lab Analytical
QUALITY • INTEGRITY • SERVICE

10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Chain of Custody Form

Page 1 of 1

e-Lab Project Manager:

e-Lab Work Order #: 92962-

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North mof Valsco	A	VOC (8260)
Work Order		Project Number	92087647	B	TPH (TX1005)
Company Name	HBC Terracon	Bill To Company	HBC Terracon	C	SVOC (8270) TCL
Send Report To	Prasad Rajulu	Invoice Attn	Prasad Rajulu	D	Metals (6020) RCRA
Address	11555 Clay Road Suite 100	Address	11555 Clay Road Suite 100	E	Moisture
				F	
City/State/Zip	Houston, TX 77043	City/State/Zip	Houston, TX 77043	G	
Phone	(713) 690-8989	Phone	(713) 690-8989	H	
Fax	(713) 690-8787	Fax	(713) 690-8787	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-1A	9/19/06	1120	H_2O	HCL HNO3	9	X	X	X	X							
2	MW-2		1235														
3	MW-3		1425														
4	MW-4		1535														
5	Dup-1		—														
6	MS/MSD		1130														
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Josh McFarlain 9/20/06

Shipment Method

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☑ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by: Date: 9/20/06 Time: 0850 Received by:

Relinquished by: Date: Time: Received by (Laboratory): 9/20/06 0850

Logged by (Laboratory): Date: Time: Checked by (Laboratory):

Notes: 5 Day TAT

e-Lab Analytical Cooler ID | Cooler Temp.

QC Package: (Check One Box Below)
☐ Level II Std QC ☑ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-8035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name HBC TERRACON

Date/Time Received: 9/20/2006 7:56:00 AM

Work Order Number 0609262

Received by: RSZ

Checklist completed by _____ 9/20/06
Signature Date

Reviewed by _____ 9/21/06
Initials Date

Matrix: W

Carrier name Client

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ✓	No	
Container/Temp Blank temperature in compliance?	Yes ✓	No	
Temperature(s)/Thermometer(s):	2.4c, 2.9c	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A

Adjusted? _____ Checked by RM

Login Notes: Two sets of trip blanks were logged in without analysis.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 281-530-5656 Fax 281-530-5887

September 27, 2006

Prasad Rajulu
Terracon Consulting Engineers & Scientists
11555 Clay Road
Suite 100
Houston, TX 77043

Tel: (713) 690-8989
Fax: (713) 690-8787

Re: 9206747/North Velasco Work Order : **0609302**

Dear Prasad Rajulu,

e-Lab Analytical, Inc. received 3 samples on 9/20/2006 5:45:00 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 54.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Jeffrey L Croston

Electronically approved by: Odette E. Elliston

Jeffrey L Croston
Project Manager

Certificate No: T104704231-06-TX

e-Lab Analytical, Inc. **Date:** *September 27, 2006*

CLIENT:	Terracon Consulting Engineers & Scientists	**TRRP Laboratory Data Package Cover Page**
Project:	9206747/North Velasco	
Work Order:	0609302	

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation:

R2 Sample identification cross-reference

R3 Test reports (analytical data sheets) for each environmental sample that includes:
- a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
- b) dilution factors,
- c) preparation methods,
- d) cleanup methods, and
- e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:
- a) Calculated recovery (%R), and
- b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:
- a) LCS spiking amounts,
- b) Calculated %R for each analyte, and
- c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
- a) Samples associated with the MS/MSD clearly identified,
- b) MS/MSD spiking amounts,
- c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
- d) Calculated %Rs and relative percent differences (RPDs), and
- e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:
- a) the amount of analyte measured in the duplicate,
- b) the calculated RPD, and
- c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;?

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [NA] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Jeffrey L Croston

Jeffrey L Croston

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 09/27/2006
Project Name: N Velasco	Laboratory Job Number: 0609302
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19921, 19923, 19941, R41972 and R42053

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**CHAIN-OF-CUSTODY (C-O-C)**					
		1) Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		2) Were all departures from standard conditions described in an exception report?	X				
R2	OI	**SAMPLE AND QUALITY CONTROL (QC) IDENTIFICATION**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**TEST REPORTS**					
		1) Were all samples prepared and analyzed within holding times?	X				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		3) Were calculations checked by a peer or supervisor?	X				
		4) Were all analyte identifications checked by a peer or supervisor?	X				
		5) Were sample quantitation limits reported for all analytes not detected?	X				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			X		
		7) Was % moisture (or solids) reported for all soil and sediment samples?			X		
		8) If required for the project, TICs reported?			X		
R4	O	**SURROGATE RECOVERY DATA**					
		1) Were surrogates added prior to extraction?	X				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**TEST REPORTS/SUMMMARY FORMS FOR BLANK SAMPLES**					
		1) Were appropriate type(s) of blanks analyzed?	X				
		2) Were blanks analyzed at the appropriate frequency?	X				
		3) Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		4) Were blank concentrations < MQL?	X				
R6	OI	**LABORATORY CONTROL SAMPLES (LCS):**					
		1) Were all COCs included in the LCS?	X				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		3) Were LCSs analyzed at the required frequency?	X				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	X				
		6) Was the LCSD RPD within QC limits?	X				
R7	OI	**MATRIX SPIKE (MS) AND MATRIX SPIKE DUPLICATE (MSD) DATA**					
		1) Were the project/method specified analytes included in the MS and MSD?	X				
		2) Were MS/MSD analyzed at the appropriate frequency?	X				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		4) Were MS/MSD RPDs within laboratory QC limits?		X			1
R8	OI	**ANALYTICAL DUPLICATE DATA**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	X				
		2) Were analytical duplicates analyzed at the appropriate frequency?	X				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	X				
R9	OI	**METHOD QUANTITATION LIMITS (MQLS):**					
		1) Are the MQLs for each method analyte listed and included in the laboratory data package?	X				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		3) Are unadjusted MQLs included in the laboratory data package?	X				
R10	OI	**OTHER PROBLEMS/ANOMALIES**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		2) Were all necessary corrective actions performed for the reported data?	X				
		3) If requested, is the justification for elevated SQLs documented?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted in o the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);

3 NA = Not applicable;

4 NR = Not Reviewed;

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data								
Laboratory Name: e-Lab Analytical, Inc.			LRC Date: 09/27/2006					
Project Name: N Velasco			Laboratory Job Number: 0609302					
Reviewer Name: Jeff Croston			Prep Batch Number(s): 19921, 19923, 19941, R41972 and R42053					
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]	
S1	OI	**INITIAL CALIBRATION (ICAL)**						
		1) Were response factors (RFs) and/or relative response factors (RRFs) for each analyte within the QC limits?	X					
		2) Were percent RSDs or correlation coefficient criteria met?	X					
		3) Was the number of standards recommended in the method used for all analytes?	X					
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X					
		5) Are ICAL data available for all instruments used?	X					
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X					
S2	OI	**INITIAL AND CONTINUING CALIBRATION VERIFICATION (ICCV AND CCV) AND**						
		1) Was the CCV analyzed at the method-required frequency?	X					
		2) Were percent differences for each analyte within the method-required QC limits?	X					
		3) Was the ICAL curve verified for each analyte?	X					
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			X			
S3	O	**MASS SPECTRAL TUNING:**						
		1) Was the appropriate compound for the method used for tuning?	X					
		2) Were ion abundance data within the method-required QC limits?	X					
S4	O	**INTERNAL STANDARDS (IS):**						
		Were IS area counts and retention times within the method-required QC limits?	X					
S5	OI	**RAW DATA (NELAC SECTION 1 APPENDIX A GLOSSARY, AND SECTION 5.12 OR**						
		1) Were the raw data (e.g., chromatograms, spectral data) reviewed by an analyst?	X					
		2) Were data associated with manual integrations flagged on the raw data?	X					
S6	O	**DUAL COLUMN CONFIRMATION**						
		Did dual column confirmation results meet the method-required QC?			X			
S7	O	**TENTATIVELY IDENTIFIED COMPOUNDS (TICS):**						
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X			
S8	I	**INTERFERENCE CHECK SAMPLE (ICS) RESULTS:**						
		Were percent recoveries within method QC limits?	X					
S9	I	**SERIAL DILUTIONS, POST DIGESTION SPIKES, AND METHOD OF STANDARD**						
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X					
S10	OI	**PROFICIENCY TEST REPORTS:**						
		Are proficiency testing or inter-laboratory comparison results on file?	X					
S11	OI	**METHOD DETECTION LIMIT (MDL) STUDIES**						
		1) Was a MDL study performed for each reported analyte?	X					
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X					
S12	OI	**STANDARDS DOCUMENTATION**						
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X					
S13	OI	**COMPOUND/ANALYTE IDENTIFICATION PROCEDURES**						
		Are the procedures for compound/analyte identification documented?	X					
S14	OI	**DEMONSTRATION OF ANALYST COMPETENCY (DOC)**						
		1) Was DOC conducted consistent with NELAC 5C or ISO/IEC 4.2.2?	X					
		2) Is documentation of the analyst's competency up-to-date and on file?	X					
S15	OI	**VERIFICATION/VALIDATION DOCUMENTATION FOR METHODS**						
		Are all the methods used to generate the data documented, verified, and validated, where applicable, (NELAC 5.10.2 or ISO/IEC 17025 Section 5.4.5)?	X					
S16	OI	**LABORATORY STANDARD OPERATING PROCEDURES (SOPS):**						
		Are laboratory SOPs current and on file for each method performed?	X					

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Report	
Laboratory Name: e-Lab Analytical, Inc.	LRC Date: 09/27/2006
Project Name: N Velasco	Laboratory Job Number: 0609302
Reviewer Name: Jeff Croston	Prep Batch Number(s): 19921, 19923, 19941, R41972 and R42053

ER #[1]	DESCRIPTION
1	Batch's R41972 and R42053 Volatiles MS/MSD and RPD were unrelated sample.

1 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked on the LRC)

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Project: 9206747/North Velasco
Work Order: **0609302**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
0609302-01	MW-6	Water		9/20/2006 15:50	9/20/2006 17:45	☐
0609302-02	MW-5	Water		9/20/2006 16:45	9/20/2006 17:45	☐
0609302-03	Trip Blank	Water		9/20/2006 16:45	9/20/2006 17:45	☑

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-01

Client Sample ID: MW-6
Collection Date: 9/20/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**			Prep: TX1005PR / 9/22/06		Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*91.0*			*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*89.4*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**			Prep: SW7470 / 9/21/06		Analyst: **JCJ**
Mercury	U		0.000042	0.000200	mg/L	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**			Prep: SW3010A / 9/22/06		Analyst: **ALR**
Arsenic	**0.00401**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.0610**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.00526**		**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.0139**		**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	**0.00170**	J	**0.0017**	**0.00500**	**mg/L**	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**			Prep: SW3510 / 9/22/06		Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/25/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/25/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/25/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/25/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/25/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/25/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/25/2006

Qualifiers:

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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-01

Client Sample ID: MW-6
Collection Date: 9/20/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/25/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/25/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/25/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/25/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/25/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/25/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/25/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-ethylhexyl)phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/25/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/25/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/25/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/25/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/25/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/25/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/25/2006

Qualifiers:

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J - Analyte detected below quantitation limits
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-01

Client Sample ID: MW-6
Collection Date: 9/20/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/25/2006
Phenol	U		0.00050	0.010	mg/L	1	9/25/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Surr: 2,4,6-Tribromophenol	*73.7*			*39-153*	*%REC*	1	9/25/2006
Surr: 2-Fluorobiphenyl	*75.2*			*40-147*	*%REC*	1	9/25/2006
Surr: 2-Fluorophenol	*61.5*			*21-110*	*%REC*	1	9/25/2006
Surr: 4-Terphenyl-d14	*81.9*			*39-141*	*%REC*	1	9/25/2006
Surr: Nitrobenzene-d5	*72.4*			*37-140*	*%REC*	1	9/25/2006
Surr: Phenol-d6	*66.2*			*11-100*	*%REC*	1	9/25/2006
VOLATILES BY GC/MS			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/25/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/25/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/25/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/25/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/25/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/25/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/25/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/25/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/25/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/25/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/25/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/25/2006
Acetone	U		0.0025	0.010	mg/L	1	9/25/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/25/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/25/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/25/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/25/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/25/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/25/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/25/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/25/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/25/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/25/2006
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/25/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/25/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/25/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/25/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/25/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/25/2006

Qualifiers:

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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-01

Client Sample ID: MW-6
Collection Date: 9/20/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Methylene chloride	U		0.00060	0.010	mg/L	1	9/25/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/25/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/25/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/25/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/25/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/25/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/25/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/25/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/25/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/25/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/25/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/25/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/25/2006
Surr: 1,2-Dichloroethane-d4	*104*			*70-125*	*%REC*	1	9/25/2006
Surr: 4-Bromofluorobenzene	*109*			*72.4-125*	*%REC*	1	9/25/2006
Surr: Dibromofluoromethane	*110*			*71.2-125*	*%REC*	1	9/25/2006
Surr: Toluene-d8	*109*			*75-125*	*%REC*	1	9/25/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-02

Client Sample ID: MW-5
Collection Date: 9/20/2006 4:45:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
LOW-LEVEL TEXAS TPH		Method: **TX1005**		Prep: TX1005PR / 9/22/06			Analyst: **JFT**
nC6 to nC12	U		0.20	0.50	mg/L	1	9/26/2006
>nC12 to nC28	U		0.20	0.50	mg/L	1	9/26/2006
>nC28 to nC35	U		0.20	0.50	mg/L	1	9/26/2006
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	9/26/2006
Surr: 2-Fluorobiphenyl	*100*			*70-130*	*%REC*	1	9/26/2006
Surr: Trifluoromethyl benzene	*91.5*			*70-130*	*%REC*	1	9/26/2006
MERCURY, TOTAL		Method: **SW7470**		Prep: SW7470 / 9/21/06			Analyst: **JCJ**
Mercury	U		0.000042	0.000200	mg/L	1	9/22/2006
ICP METALS, TOTAL		Method: **SW6020**		Prep: SW3010A / 9/22/06			Analyst: **ALR**
Arsenic	**0.00341**	J	**0.0018**	**0.00500**	**mg/L**	1	9/22/2006
Barium	**0.134**		**0.00060**	**0.00500**	**mg/L**	1	9/22/2006
Cadmium	U		0.00015	0.00100	mg/L	1	9/22/2006
Chromium	**0.0181**		**0.00050**	**0.00200**	**mg/L**	1	9/22/2006
Lead	**0.0411**		**0.00020**	**0.00500**	**mg/L**	1	9/22/2006
Selenium	**0.00343**	J	**0.0017**	**0.00500**	**mg/L**	1	9/22/2006
Silver	U		0.00020	0.00500	mg/L	1	9/22/2006
TCL SEMIVOLATILE ORGANICS		Method: **SW8270**		Prep: SW3510 / 9/22/06			Analyst: **HV**
1,2,4-Trichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,2-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,3-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
1,4-Dichlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
2,4,5-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4,6-Trichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dichlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dimethylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2,4-Dinitrotoluene	U		0.00070	0.010	mg/L	1	9/25/2006
2,6-Dinitrotoluene	U		0.00080	0.010	mg/L	1	9/25/2006
2-Chloronaphthalene	U		0.0010	0.010	mg/L	1	9/25/2006
2-Chlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Methylnaphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
2-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
2-Nitroaniline	U		0.00050	0.010	mg/L	1	9/25/2006
2-Nitrophenol	U		0.00070	0.010	mg/L	1	9/25/2006
3&4-Methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
3,3'-Dichlorobenzidine	U		0.00070	0.010	mg/L	1	9/25/2006
3-Nitroaniline	U		0.0010	0.010	mg/L	1	9/25/2006

Qualifiers:

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e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Client Sample ID: MW-5
Work Order: 0609302
Collection Date: 9/20/2006 4:45:00 PM
Project: 9206747/North Velasco
Lab ID: 0609302-02
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
4,6-Dinitro-2-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Bromophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Chloro-3-methylphenol	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chloroaniline	U		0.0010	0.010	mg/L	1	9/25/2006
4-Chlorophenyl phenyl ether	U		0.00050	0.010	mg/L	1	9/25/2006
4-Nitroaniline	U		0.00090	0.010	mg/L	1	9/25/2006
4-Nitrophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Acenaphthene	U		0.00050	0.010	mg/L	1	9/25/2006
Acenaphthylene	U		0.0010	0.010	mg/L	1	9/25/2006
Anthracene	U		0.00070	0.010	mg/L	1	9/25/2006
Benz(a)anthracene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(a)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(b)fluoranthene	U		0.00070	0.010	mg/L	1	9/25/2006
Benzo(g,h,i)perylene	U		0.00050	0.010	mg/L	1	9/25/2006
Benzo(k)fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-chloroethoxy)methane	U		0.00070	0.010	mg/L	1	9/25/2006
Bis(2-chloroethyl)ether	U		0.00080	0.010	mg/L	1	9/25/2006
Bis(2-chloroisopropyl)ether	U		0.00050	0.010	mg/L	1	9/25/2006
Bis(2-ethylhexyl)phthalate	**0.0046**	J	**0.00050**	**0.010**	**mg/L**	1	9/25/2006
Butyl benzyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Carbazole	U		0.00050	0.010	mg/L	1	9/25/2006
Chrysene	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-butyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Di-n-octyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dibenz(a,h)anthracene	U		0.0010	0.010	mg/L	1	9/25/2006
Dibenzofuran	U		0.00050	0.010	mg/L	1	9/25/2006
Diethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Dimethyl phthalate	U		0.00050	0.010	mg/L	1	9/25/2006
Fluoranthene	U		0.00050	0.010	mg/L	1	9/25/2006
Fluorene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobenzene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachlorobutadiene	U		0.00060	0.010	mg/L	1	9/25/2006
Hexachlorocyclopentadiene	U		0.00050	0.010	mg/L	1	9/25/2006
Hexachloroethane	U		0.00050	0.010	mg/L	1	9/25/2006
Indeno(1,2,3-cd)pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Isophorone	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodi-n-propylamine	U		0.00050	0.010	mg/L	1	9/25/2006
N-Nitrosodiphenylamine	U		0.00050	0.010	mg/L	1	9/25/2006
Naphthalene	U		0.00050	0.010	mg/L	1	9/25/2006
Nitrobenzene	U		0.00050	0.010	mg/L	1	9/25/2006

Qualifiers:

U - Analyzed for but Not Detected
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P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-02

Client Sample ID: MW-5
Collection Date: 9/20/2006 4:45:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Pentachlorophenol	U		0.0010	0.010	mg/L	1	9/25/2006
Phenanthrene	U		0.00050	0.010	mg/L	1	9/25/2006
Phenol	U		0.00050	0.010	mg/L	1	9/25/2006
Pyrene	U		0.00050	0.010	mg/L	1	9/25/2006
Surr: 2,4,6-Tribromophenol	*64.0*			*39-153*	*%REC*	1	9/25/2006
Surr: 2-Fluorobiphenyl	*67.0*			*40-147*	*%REC*	1	9/25/2006
Surr: 2-Fluorophenol	*55.8*			*21-110*	*%REC*	1	9/25/2006
Surr: 4-Terphenyl-d14	*72.2*			*39-141*	*%REC*	1	9/25/2006
Surr: Nitrobenzene-d5	*65.7*			*37-140*	*%REC*	1	9/25/2006
Surr: Phenol-d6	*60.3*			*11-100*	*%REC*	1	9/25/2006
VOLATILES BY GC/MS			Method: **SW8260**				Analyst: **PC**
1,1,1-Trichloroethane	U		0.00060	0.0050	mg/L	1	9/22/2006
1,1,2,2-Tetrachloroethane	U		0.0015	0.0050	mg/L	1	9/22/2006
1,1,2-Trichloroethane	U		0.00050	0.0050	mg/L	1	9/22/2006
1,1-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/22/2006
1,1-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/22/2006
1,2,4-Trimethylbenzene	U		0.00060	0.0050	mg/L	1	9/22/2006
1,2-Dichloroethane	U		0.00050	0.0050	mg/L	1	9/22/2006
1,2-Dichloropropane	U		0.00070	0.0050	mg/L	1	9/22/2006
1,3,5-Trimethylbenzene	U		0.00070	0.0050	mg/L	1	9/22/2006
2-Butanone	U		0.00080	0.010	mg/L	1	9/22/2006
2-Hexanone	U		0.0025	0.010	mg/L	1	9/22/2006
4-Methyl-2-pentanone	U		0.0016	0.010	mg/L	1	9/22/2006
Acetone	U		0.0025	0.010	mg/L	1	9/22/2006
Benzene	U		0.00060	0.0050	mg/L	1	9/22/2006
Bromodichloromethane	U		0.00050	0.0050	mg/L	1	9/22/2006
Bromoform	U		0.00080	0.0050	mg/L	1	9/22/2006
Bromomethane	U		0.00050	0.0050	mg/L	1	9/22/2006
Carbon disulfide	U		0.00070	0.010	mg/L	1	9/22/2006
Carbon tetrachloride	U		0.00060	0.0050	mg/L	1	9/22/2006
Chlorobenzene	U		0.00050	0.0050	mg/L	1	9/22/2006
Chloroethane	U		0.00060	0.0050	mg/L	1	9/22/2006
Chloroform	U		0.00050	0.0050	mg/L	1	9/22/2006
Chloromethane	U		0.00050	0.0050	mg/L	1	9/22/2006
cis-1,2-Dichloroethene	U		0.00050	0.0050	mg/L	1	9/22/2006
cis-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/22/2006
Dibromochloromethane	U		0.00050	0.0050	mg/L	1	9/22/2006
Ethylbenzene	U		0.00050	0.0050	mg/L	1	9/22/2006
m,p-Xylene	U		0.0010	0.010	mg/L	1	9/22/2006
Methyl tert-butyl ether	U		0.00050	0.0050	mg/L	1	9/22/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: *September 27, 2006*

CLIENT: Terracon Consulting Engineers & Scientists
Work Order: 0609302
Project: 9206747/North Velasco
Lab ID: 0609302-02

Client Sample ID: MW-5
Collection Date: 9/20/2006 4:45:00 PM
Matrix: WATER

Analyses	Result	Qual	SQL	MQL	Units	Dilution Factor	Date Analyzed
Methylene chloride	U		0.00060	0.010	mg/L	1	9/22/2006
n-Butylbenzene	U		0.00080	0.0050	mg/L	1	9/22/2006
Naphthalene	U		0.0011	0.0050	mg/L	1	9/22/2006
o-Xylene	U		0.00050	0.0050	mg/L	1	9/22/2006
sec-Butylbenzene	U		0.00070	0.0050	mg/L	1	9/22/2006
Styrene	U		0.00050	0.0050	mg/L	1	9/22/2006
Tetrachloroethene	U		0.00050	0.0050	mg/L	1	9/22/2006
Toluene	U		0.00050	0.0050	mg/L	1	9/22/2006
trans-1,2-Dichloroethene	U		0.00060	0.0050	mg/L	1	9/22/2006
trans-1,3-Dichloropropene	U		0.00050	0.0050	mg/L	1	9/22/2006
Trichloroethene	U		0.00070	0.0050	mg/L	1	9/22/2006
Vinyl chloride	U		0.00060	0.0020	mg/L	1	9/22/2006
Xylenes, Total	U		0.0015	0.015	mg/L	1	9/22/2006
Surr: 1,2-Dichloroethane-d4	*102*			*70-125*	*%REC*	1	9/22/2006
Surr: 4-Bromofluorobenzene	*86.2*			*72.4-125*	*%REC*	1	9/22/2006
Surr: Dibromofluoromethane	*92.0*			*71.2-125*	*%REC*	1	9/22/2006
Surr: Toluene-d8	*95.5*			*75-125*	*%REC*	1	9/22/2006

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: 8260_W
Test Number: SW8260
Test Name: Volatiles by GC/MS
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,1,1-Trichloroethane	71-55-6	0.0006	0.005
A	1,1,2,2-Tetrachloroethane	79-34-5	0.0015	0.005
A	1,1,2-Trichloroethane	79-00-5	0.0005	0.005
A	1,1-Dichloroethane	75-34-3	0.0005	0.005
A	1,1-Dichloroethene	75-35-4	0.0006	0.005
A	1,2,4-Trimethylbenzene	95-63-6	0.0006	0.005
A	1,2-Dichloroethane	107-06-2	0.0005	0.005
A	1,2-Dichloropropane	78-87-5	0.0007	0.005
A	1,3,5-Trimethylbenzene	108-67-8	0.0007	0.005
A	2-Butanone	78-93-3	0.0008	0.01
A	2-Hexanone	591-78-6	0.0025	0.01
A	4-Methyl-2-pentanone	108-10-1	0.0016	0.01
A	Acetone	67-64-1	0.0025	0.01
A	Benzene	71-43-2	0.0006	0.005
A	Bromodichloromethane	75-27-4	0.0005	0.005
A	Bromoform	75-25-2	0.0008	0.005
A	Bromomethane	74-83-9	0.0005	0.005
A	Carbon disulfide	75-15-0	0.0007	0.01
A	Carbon tetrachloride	56-23-5	0.0006	0.005
A	Chlorobenzene	108-90-7	0.0005	0.005
A	Chloroethane	75-00-3	0.0006	0.005
A	Chloroform	67-66-3	0.0005	0.005
A	Chloromethane	74-87-3	0.0005	0.005
A	cis-1,2-Dichloroethene	156-59-2	0.0005	0.005
A	cis-1,3-Dichloropropene	10061-01-5	0.0005	0.005
A	Dibromochloromethane	124-48-1	0.0005	0.005
A	Ethylbenzene	100-41-4	0.0005	0.005
A	m,p-Xylene	136777-61-2	0.001	0.01
A	Methyl tert-butyl ether	1634-04-4	0.0005	0.005
A	Methylene chloride	75-09-2	0.0006	0.01
A	n-Butylbenzene	104-51-8	0.0008	0.005
A	Naphthalene	91-20-3	0.0011	0.005
A	o-Xylene	95-47-6	0.0005	0.005
A	sec-Butylbenzene	135-98-8	0.0007	0.005
A	Styrene	100-42-5	0.0005	0.005
A	Tetrachloroethene	127-18-4	0.0005	0.005
A	Toluene	108-88-3	0.0005	0.005
A	trans-1,2-Dichloroethene	156-60-5	0.0006	0.005
A	trans-1,3-Dichloropropene	10061-02-6	0.0005	0.005
A	Trichloroethene	79-01-6	0.0007	0.005
A	Vinyl chloride	75-01-4	0.0006	0.002

M	Xylenes, Total	1330-20-7	0.0015	0.015
S	Surr: 1,2-Dichloroethane-d4	17060-07-0	0	0.005
S	Surr: 4-Bromofluorobenzene	460-00-4	0	0.005
S	Surr: Dibromofluoromethane	1868-53-7	0	0.005
S	Surr: Toluene-d8	2037-26-5	0	0.005

Test Code: 8270_TCL_W
Test Number: SW8270
Test Name: TCL Semivolatile Organics
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	1,2,4-Trichlorobenzene	120-82-1	0.0005	0.01
A	1,2-Dichlorobenzene	95-50-1	0.0005	0.01
A	1,3-Dichlorobenzene	541-73-1	0.0005	0.01
A	1,4-Dichlorobenzene	106-46-7	0.0005	0.01
A	2,4,5-Trichlorophenol	95-95-4	0.001	0.01
A	2,4,6-Trichlorophenol	88-06-2	0.001	0.01
A	2,4-Dichlorophenol	120-83-2	0.001	0.01
A	2,4-Dimethylphenol	105-67-9	0.001	0.01
A	2,4-Dinitrophenol	51-28-5	0.001	0.01
A	2,4-Dinitrotoluene	121-14-2	0.0007	0.01
A	2,6-Dinitrotoluene	606-20-2	0.0008	0.01
A	2-Chloronaphthalene	91-58-7	0.001	0.01
A	2-Chlorophenol	95-57-8	0.001	0.01
A	2-Methylnaphthalene	91-57-6	0.0005	0.01
A	2-Methylphenol	95-48-7	0.001	0.01
A	2-Nitroaniline	88-74-4	0.0005	0.01
A	2-Nitrophenol	88-75-5	0.0007	0.01
A	3&4-Methylphenol	106-44-5	0.001	0.01
A	3,3'-Dichlorobenzidine	91-94-1	0.0007	0.01
A	3-Nitroaniline	99-09-2	0.001	0.01
A	4,6-Dinitro-2-methylphenol	534-52-1	0.001	0.01
A	4-Bromophenyl phenyl ether	101-55-3	0.0005	0.01
A	4-Chloro-3-methylphenol	59-50-7	0.001	0.01
A	4-Chloroaniline	106-47-8	0.001	0.01
A	4-Chlorophenyl phenyl ether	7005-72-3	0.0005	0.01
A	4-Nitroaniline	100-01-6	0.0009	0.01
A	4-Nitrophenol	100-02-7	0.001	0.01
A	Acenaphthene	83-32-9	0.0005	0.01
A	Acenaphthylene	208-96-8	0.001	0.01
A	Anthracene	120-12-7	0.0007	0.01
A	Benz(a)anthracene	56-55-3	0.0005	0.01
A	Benzo(a)pyrene	50-32-8	0.0005	0.01
A	Benzo(b)fluoranthene	205-99-2	0.0007	0.01
A	Benzo(g,h,i)perylene	191-24-2	0.0005	0.01
A	Benzo(k)fluoranthene	207-08-9	0.0005	0.01
A	Bis(2-chloroethoxy)methane	111-91-1	0.0007	0.01
A	Bis(2-chloroethyl)ether	111-44-4	0.0008	0.01
A	Bis(2-chloroisopropyl)ether	108-60-1	0.0005	0.01
A	Bis(2-ethylhexyl)phthalate	117-81-7	0.0005	0.01
A	Butyl benzyl phthalate	85-68-7	0.0005	0.01
A	Carbazole	86-74-8	0.0005	0.01
A	Chrysene	218-01-9	0.0005	0.01

A	Di-n-butyl phthalate	84-74-2	0.0005	0.01
A	Di-n-octyl phthalate	117-84-0	0.0005	0.01
A	Dibenz(a,h)anthracene	53-70-3	0.001	0.01
A	Dibenzofuran	132-64-9	0.0005	0.01
A	Diethyl phthalate	84-66-2	0.0005	0.01
A	Dimethyl phthalate	131-11-3	0.0005	0.01
A	Fluoranthene	206-44-0	0.0005	0.01
A	Fluorene	86-73-7	0.0005	0.01
A	Hexachlorobenzene	118-74-1	0.0005	0.01
A	Hexachlorobutadiene	87-68-3	0.0006	0.01
A	Hexachlorocyclopentadiene	77-47-4	0.0005	0.01
A	Hexachloroethane	67-72-1	0.0005	0.01
A	Indeno(1,2,3-cd)pyrene	193-39-5	0.0005	0.01
A	Isophorone	78-59-1	0.0005	0.01
A	N-Nitrosodi-n-propylamine	621-64-7	0.0005	0.01
A	N-Nitrosodiphenylamine	86-30-6	0.0005	0.01
A	Naphthalene	91-20-3	0.0005	0.01
A	Nitrobenzene	98-95-3	0.0005	0.01
A	Pentachlorophenol	87-86-5	0.001	0.01
A	Phenanthrene	85-01-8	0.0005	0.01
A	Phenol	108-95-2	0.0005	0.01
A	Pyrene	129-00-0	0.0005	0.01
S	Surr: 2,4,6-Tribromophenol	118-79-6	0	0.01
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0.01
S	Surr: 2-Fluorophenol	367-12-4	0	0.01
S	Surr: 4-Terphenyl-d14	1718-51-0	0	0.01
S	Surr: Nitrobenzene-d5	4165-60-0	0	0.01
S	Surr: Phenol-d6	13127-88-3	0	0.01

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: HG_W
Test Number: SW7470
Test Name: Mercury, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Mercury	7439-97-6	0.000042	0.0002

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: ICP_TW
Test Number: SW6020
Test Name: ICP Metals, Total
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	Arsenic	7440-38-2	0.0018	0.005
A	Barium	7440-39-3	0.0006	0.005
A	Cadmium	7440-43-9	0.00015	0.001
A	Chromium	7440-47-3	0.0005	0.002
A	Lead	7439-92-1	0.0002	0.005
A	Selenium	7782-49-2	0.0017	0.005
A	Silver	7440-22-4	0.0002	0.005

e-Lab Analytical, Inc.

Date: Sep 27, 2006

Test Code: TX1005_W_Low
Test Number: TX1005
Test Name: Low-level Texas TPH
Matrix: Aqueous **Units:** mg/L

METHOD DETECTION / REPORTING LIMITS

Type	Analyte	CAS	MDL	Unadjusted MQL
A	>nC12 to nC28	TPHDRO	0.2	0.5
A	>nC28 to nC35	10W40MOTO	0.2	0.5
A	nC6 to nC12	TPHGRO	0.2	0.5
M	Total Petroleum Hydrocarbon	TPH	0.2	0.5
S	Surr: 2-Fluorobiphenyl	321-60-8	0	0
S	Surr: Trifluoromethyl benzene	98-08-8	0	0

e-Lab Analytical, Inc.

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

Date: *Sep 27 2006*

QC BATCH REPORT

Batch ID: **19934** Instrument ID: **FID-7** Method: **TX1005**

MBLK Sample ID: **FBLKW2-060922** Units: **mg/L** Analysis Date: **09/25/06 19:50**
Client ID: Run ID: **FID-7_060922A** SeqNo: **956854** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	0.50								
>nC12 to nC28	U	0.50								
>nC28 to nC35	U	0.50								
Total Petroleum Hydrocarbon	U	0.50								
Surr: 2-Fluorobiphenyl	*5.778*	0	*5*	0	*116*	*70-130*	0			
Surr: Trifluoromethyl benzene	*5.049*	0	*5*	0	*101*	*70-130*	0			

LCS Sample ID: **FLCSW2-060922** Units: **mg/L** Analysis Date: **09/25/06 20:31**
Client ID: Run ID: **FID-7_060922A** SeqNo: **956855** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	39.96	0.50	33.3	0	120	75-125	0			
>nC12 to nC28	39.44	0.50	33.3	0	118	75-125	0			
Surr: 2-Fluorobiphenyl	*6.388*	0	*5*	0	*128*	*70-130*	0			
Surr: Trifluoromethyl benzene	*5.715*	0	*5*	0	*114*	*70-130*	0			

LCSD Sample ID: **FLCSDW2-060922** Units: **mg/L** Analysis Date: **09/25/06 21:12**
Client ID: Run ID: **FID-7_060922A** SeqNo: **956856** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	34.69	0.50	33.3	0	104	75-125	39.96	14.1	30	
>nC12 to nC28	35.98	0.50	33.3	0	108	75-125	39.44	9.17	30	
Surr: 2-Fluorobiphenyl	*5.831*	0	*5*	0	*117*	*70-130*	6.388	*9.11*	*30*	
Surr: Trifluoromethyl benzene	*5.455*	0	*5*	0	*109*	*70-130*	5.715	*4.66*	*30*	

MS Sample ID: **0609260-01BMS** Units: **mg/L** Analysis Date: **09/25/06 19:50**
Client ID: Run ID: **FID-7_060922A** SeqNo: **956852** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	30.52	0.50	33.3	0	91.6	75-125	0			
>nC12 to nC28	32.58	0.50	33.3	0	97.9	75-125	0			
Surr: 2-Fluorobiphenyl	*4.792*	0	*5*	0	*95.8*	*70-130*	0			
Surr: Trifluoromethyl benzene	*4.909*	0	*5*	0	*98.2*	*70-130*	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19934** Instrument ID: **FID-7** Method: **TX1005**

MSD Sample ID: **0609260-01BMSD** Units: **mg/L** Analysis Date: **09/25/06 20:31**

Client ID: Run ID: **FID-7_060922A** SeqNo: **956853** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	31.44	0.50	33.3	0	94.4	75-125	30.52	2.97	30	
>nC12 to nC28	33.81	0.50	33.3	0	102	75-125	32.58	3.68	30	
Surr: 2-Fluorobiphenyl	*4.96*	0	*5*	0	*99.2*	*70-130*	4.792	*3.45*	*30*	
Surr: Trifluoromethyl benzene	*5.042*	0	*5*	0	*101*	*70-130*	4.909	*2.67*	*30*	

The following samples were analyzed in this batch: 0609302-01B 0609302-02B

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19921** Instrument ID: **Mercury** Method: **SW7470**

MBLK Sample ID: **GBLKW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:24**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **954997** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020								

LCS Sample ID: **GLCSW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:26**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **954998** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00462	0.00020	0.005	0	92.4	85-115		0		

LCSD Sample ID: **GLCSDW1-092106** Units: **mg/L** Analysis Date: **09/22/06 13:28**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **955001** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00472	0.00020	0.005	0	94.4	85-115	0.00462	2.14	20	

MS Sample ID: **0609262-01CMS** Units: **mg/L** Analysis Date: **09/22/06 13:48**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **955010** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00477	0.00020	0.005	0.000069	94	85-115		0		

MSD Sample ID: **0609262-01CMSD** Units: **mg/L** Analysis Date: **09/22/06 13:50**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **955015** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00461	0.00020	0.005	0.000069	90.8	85-115	0.00477	3.41	20	

DUP Sample ID: **0609262-01CDUP** Units: **mg/L** Analysis Date: **09/22/06 13:46**
Client ID: Run ID: **MERCURY_060922A** SeqNo: **955005** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.000048	0.00020	0	0	0	0-0	0.000069	0	20	J

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19921** Instrument ID: **Mercury** Method: **SW7470**

DUP Sample ID: **0609270-01GDUP** Units: **mg/L** Analysis Date: **09/22/06 13:59**

Client ID: Run ID: **MERCURY_060922A** SeqNo: **955031** Prep Date: **9/21/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.00020	0	0	0	0-0	0.000014	0	20	

The following samples were analyzed in this batch: 0609302-01C 0609302-02C

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19923** Instrument ID: **ICPMS02** Method: **SW6020**

MBLK Sample ID: **MBLKW1-092206** Units: **mg/L** Analysis Date: **09/22/06 15:34**
Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955279** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.0050								
Barium	U	0.0050								
Cadmium	U	0.0020								
Chromium	U	0.0050								
Lead	U	0.0050								
Selenium	U	0.0050								
Silver	U	0.0050								

LCS Sample ID: **MLCSW1-092206** Units: **mg/L** Analysis Date: **09/22/06 15:40**
Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955280** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05019	0.0050	0.05	0	100	80-121	0			
Barium	0.04887	0.0050	0.05	0	97.7	79.8-119	0			
Cadmium	0.05079	0.0020	0.05	0	102	79.1-119	0			
Chromium	0.04876	0.0050	0.05	0	97.5	79.3-121	0			
Lead	0.04972	0.0050	0.05	0	99.4	80-118	0			
Selenium	0.05108	0.0050	0.05	0	102	79.2-118	0			
Silver	0.04868	0.0050	0.05	0	97.4	80-117	0			

MS Sample ID: **0609262-01CMS** Units: **mg/L** Analysis Date: **09/22/06 18:31**
Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955295** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05271	0.0050	0.05	0.002533	100	80-121	0			
Barium	0.1034	0.0050	0.05	0.06083	85.1	79.8-119	0			
Cadmium	0.04701	0.0020	0.05	-0.0003028	94.6	79.1-119	0			
Chromium	0.04923	0.0050	0.05	0.00387	90.7	79.3-121	0			
Lead	0.05184	0.0050	0.05	0.002874	97.9	80-118	0			
Selenium	0.05008	0.0050	0.05	0.00009676	100	79.2-118	0			
Silver	0.04241	0.0050	0.05	-0.0004885	85.8	80-117	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19923** Instrument ID: **ICPMS02** Method: **SW6020**

MSD Sample ID: **0609262-01CMSD** Units: **mg/L** Analysis Date: **09/22/06 18:37**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955296** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05245	0.0050	0.05	0.002533	99.8	80-121	0.05271	0.494	15	
Barium	0.1032	0.0050	0.05	0.06083	84.7	79.8-119	0.1034	0.194	15	
Cadmium	0.0471	0.0020	0.05	-0.0003028	94.8	79.1-119	0.04701	0.191	15	
Chromium	0.05105	0.0050	0.05	0.00387	94.4	79.3-121	0.04923	3.63	15	
Lead	0.05394	0.0050	0.05	0.002874	102	80-118	0.05184	3.97	15	
Selenium	0.05076	0.0050	0.05	0.00009676	101	79.2-118	0.05008	1.35	15	
Silver	0.04331	0.0050	0.05	-0.0004885	87.6	80-117	0.04241	2.1	15	

DUP Sample ID: **0609262-01CDUP** Units: **mg/L** Analysis Date: **09/22/06 18:20**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955293** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.002543	0.0050	0	0	0	0-0	0.002533	0	25	J
Barium	0.06053	0.0050	0	0	0	0-0	0.06083	0.494	25	
Cadmium	U	0.0020	0	0	0	0-0	-0.0003028	0	25	
Chromium	0.00333	0.0050	0	0	0	0-0	0.00387	0	25	J
Lead	0.002652	0.0050	0	0	0	0-0	0.002874	0	25	J
Selenium	U	0.0050	0	0	0	0-0	0.00009676	0	25	
Silver	U	0.0050	0	0	0	0-0	-0.0004885	0	25	

PDS Sample ID: **0609262-01CBS** Units: **mg/L** Analysis Date: **09/22/06 18:43**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955297** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1105	0.0050	0.1	0.002533	108	75-125	0			
Barium	0.1643	0.0050	0.1	0.06083	103	75-125	0			
Cadmium	0.1003	0.0020	0.1	-0.0003028	101	75-125	0			
Chromium	0.1027	0.0050	0.1	0.00387	98.8	75-125	0			
Lead	0.1076	0.0050	0.1	0.002874	105	75-125	0			
Selenium	0.1062	0.0050	0.1	0.00009676	106	75-125	0			
Silver	0.07505	0.0050	0.1	-0.0004885	75.5	75-125	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19923** Instrument ID: **ICPMS02** Method: **SW6020**

SD Sample ID: **0609262-01C DIL S** Units: **mg/L** Analysis Date: **09/22/06 18:25**

Client ID: Run ID: **ICPMS02_060922A** SeqNo: **955294** Prep Date: DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.025	0	0	0	0-0	0.002533	0	10	
Barium	0.06105	0.025	0	0	0	0-0	0.06083	0.362	10	
Cadmium	U	0.010	0	0	0	0-0	-0.0003028	0	10	
Chromium	U	0.025	0	0	0	0-0	0.00387	0	10	
Lead	U	0.025	0	0	0	0-0	0.002874	0	10	
Selenium	U	0.025	0	0	0	0-0	0.00009676	0	10	
Silver	U	0.025	0	0	0	0-0	-0.0004885	0	10	

The following samples were analyzed in this batch: 0609302-01C 0609302-02C

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

MBLK Sample ID: **SBLKW3-060922** Units: **µg/L** Analysis Date: **09/25/06 12:24**

Client ID: Run ID: **SV-2_060925A** SeqNo: **957404** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	U	10								
1,2-Dichlorobenzene	U	10								
1,3-Dichlorobenzene	U	10								
1,4-Dichlorobenzene	U	10								
2,4,5-Trichlorophenol	U	10								
2,4,6-Trichlorophenol	U	10								
2,4-Dichlorophenol	U	10								
2,4-Dimethylphenol	U	10								
2,4-Dinitrophenol	U	10								
2,4-Dinitrotoluene	U	10								
2,6-Dinitrotoluene	U	10								
2-Chloronaphthalene	U	10								
2-Chlorophenol	U	10								
2-Methylnaphthalene	U	10								
2-Methylphenol	U	10								
2-Nitroaniline	U	10								
2-Nitrophenol	U	10								
3&4-Methylphenol	U	10								
3,3'-Dichlorobenzidine	U	10								
3-Nitroaniline	U	10								
4,6-Dinitro-2-methylphenol	U	10								
4-Bromophenyl phenyl ether	U	10								
4-Chloro-3-methylphenol	U	10								
4-Chloroaniline	U	10								
4-Chlorophenyl phenyl ether	U	10								
4-Nitroaniline	U	10								
4-Nitrophenol	U	10								
Acenaphthene	U	10								
Acenaphthylene	U	10								
Anthracene	U	10								
Benz(a)anthracene	U	10								
Benzo(a)pyrene	U	10								
Benzo(b)fluoranthene	U	10								
Benzo(g,h,i)perylene	U	10								
Benzo(k)fluoranthene	U	10								
Bis(2-chloroethoxy)methane	U	10								
Bis(2-chloroethyl)ether	U	10								
Bis(2-chloroisopropyl)ether	U	10								
Bis(2-ethylhexyl)phthalate	U	10								
Butyl benzyl phthalate	U	10								

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S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

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U - Analyzed for but not detected

E - Value above quantitation range

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

Carbazole	U	10					
Chrysene	U	10					
Di-n-butyl phthalate	U	10					
Di-n-octyl phthalate	U	10					
Dibenz(a,h)anthracene	U	10					
Dibenzofuran	U	10					
Diethyl phthalate	U	10					
Dimethyl phthalate	U	10					
Fluoranthene	U	10					
Fluorene	U	10					
Hexachlorobenzene	U	10					
Hexachlorobutadiene	U	10					
Hexachlorocyclopentadiene	U	10					
Hexachloroethane	U	10					
Indeno(1,2,3-cd)pyrene	U	10					
Isophorone	U	10					
N-Nitrosodi-n-propylamine	U	10					
N-Nitrosodiphenylamine	U	10					
Naphthalene	U	10					
Nitrobenzene	U	10					
Pentachlorophenol	U	10					
Phenanthrene	U	10					
Phenol	U	10					
Pyrene	U	10					
Surr: 2,4,6-Tribromophenol	*76.78*	10	*100*	0	*76.8*	*39-153*	0
Surr: 2-Fluorobiphenyl	*77.34*	10	*100*	0	*77.3*	*40-147*	0
Surr: 2-Fluorophenol	*65.02*	10	*100*	0	*65*	*21-110*	0
Surr: 4-Terphenyl-d14	*83.99*	10	*100*	0	*84*	*39-141*	0
Surr: Nitrobenzene-d5	*74.7*	10	*100*	0	*74.7*	*37-140*	0
Surr: Phenol-d6	*69.35*	10	*100*	0	*69.3*	*11-100*	0

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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

LCS Sample ID: **SLCSW3-060922** Units: **µg/L** Analysis Date: **09/25/06 12:48**

Client ID: Run ID: **SV-2_060925A** SeqNo: **957405** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	41.52	10	50	0	83	55.3-118	0			
1,2-Dichlorobenzene	40.36	10	50	0	80.7	55.9-115	0			
1,3-Dichlorobenzene	39.76	10	50	0	79.5	51.4-115	0			
1,4-Dichlorobenzene	39.63	10	50	0	79.3	53.2-115	0			
2,4,5-Trichlorophenol	90.83	10	100	0	90.8	59.2-126	0			
2,4,6-Trichlorophenol	81.39	10	100	0	81.4	59.8-120	0			
2,4-Dichlorophenol	87.14	10	100	0	87.1	57.6-121	0			
2,4-Dimethylphenol	80.07	10	100	0	80.1	57.2-115	0			
2,4-Dinitrophenol	78.95	10	100	0	79	46.2-124	0			
2,4-Dinitrotoluene	41.76	10	50	0	83.5	62.9-126	0			
2,6-Dinitrotoluene	41.54	10	50	0	83.1	62.2-128	0			
2-Chloronaphthalene	43.36	10	50	0	86.7	57.6-117	0			
2-Chlorophenol	78.83	10	100	0	78.8	54.3-115	0			
2-Methylnaphthalene	41.24	10	50	0	82.5	51.4-124	0			
2-Methylphenol	81.54	10	100	0	81.5	41.5-115	0			
2-Nitroaniline	42.34	10	50	0	84.7	59.3-125	0			
2-Nitrophenol	82.4	10	100	0	82.4	57.2-115	0			
3&4-Methylphenol	118.1	10	150	0	78.7	33.3-115	0			
3,3'-Dichlorobenzidine	38.48	10	50	0	77	26.7-118	0			
3-Nitroaniline	28.91	10	50	0	57.8	42.4-118	0			
4,6-Dinitro-2-methylphenol	79.18	10	100	0	79.2	60.1-129	0			
4-Bromophenyl phenyl ether	43.16	10	50	0	86.3	62.3-130	0			
4-Chloro-3-methylphenol	82.46	10	100	0	82.5	55.5-120	0			
4-Chloroaniline	34.55	10	50	0	69.1	36.4-116	0			
4-Chlorophenyl phenyl ether	41.51	10	50	0	83	64-124	0			
4-Nitroaniline	40.19	10	50	0	80.4	51.4-125	0			
4-Nitrophenol	69.45	10	100	0	69.5	17-100	0			
Acenaphthene	41.29	10	50	0	82.6	63.1-120	0			
Acenaphthylene	41.04	10	50	0	82.1	62.8-118	0			
Anthracene	40.17	10	50	0	80.3	64.5-128	0			
Benz(a)anthracene	42.13	10	50	0	84.3	60.1-125	0			
Benzo(a)pyrene	42.78	10	50	0	85.6	56.7-135	0			
Benzo(b)fluoranthene	41.14	10	50	0	82.3	50.5-134	0			
Benzo(g,h,i)perylene	42.95	10	50	0	85.9	52.2-138	0			
Benzo(k)fluoranthene	44.5	10	50	0	89	60-140	0			
Bis(2-chloroethoxy)methane	42.12	10	50	0	84.2	63.2-119	0			
Bis(2-chloroethyl)ether	39.98	10	50	0	80	62.3-115	0			
Bis(2-chloroisopropyl)ether	40.94	10	50	0	81.9	54.9-117	0			
Bis(2-ethylhexyl)phthalate	43.56	10	50	0	87.1	59.1-136	0			
Butyl benzyl phthalate	43.33	10	50	0	86.7	57.5-132	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941**	Instrument ID: **SV-2**		Method: **SW8270**				
Carbazole	41.91	10	50	0	83.8	65.5-130	0
Chrysene	41.77	10	50	0	83.5	62.4-125	0
Di-n-butyl phthalate	42.59	10	50	0	85.2	64.6-133	0
Di-n-octyl phthalate	43.4	10	50	0	86.8	49.7-152	0
Dibenz(a,h)anthracene	42.61	10	50	0	85.2	49.2-136	0
Dibenzofuran	40.78	10	50	0	81.6	64.3-122	0
Diethyl phthalate	42.53	10	50	0	85.1	62.7-129	0
Dimethyl phthalate	42.58	10	50	0	85.2	63.7-126	0
Fluoranthene	41.39	10	50	0	82.8	61.2-128	0
Fluorene	40.8	10	50	0	81.6	64.9-121	0
Hexachlorobenzene	41.46	10	50	0	82.9	65.6-126	0
Hexachlorobutadiene	42.9	10	50	0	85.8	46.1-121	0
Hexachlorocyclopentadiene	32.78	10	50	0	65.6	43.4-120	0
Hexachloroethane	40.84	10	50	0	81.7	60-115	0
Indeno(1,2,3-cd)pyrene	40.99	10	50	0	82	50.3-123	0
Isophorone	42.44	10	50	0	84.9	62-121	0
N-Nitrosodi-n-propylamine	41.94	10	50	0	83.9	59.7-116	0
N-Nitrosodiphenylamine	43.48	10	50	0	87	65.1-136	0
Naphthalene	42.05	10	50	0	84.1	59.9-115	0
Nitrobenzene	42.43	10	50	0	84.9	59.1-134	0
Pentachlorophenol	76.3	10	100	0	76.3	51.3-134	0
Phenanthrene	41.18	10	50	0	82.4	65.2-122	0
Phenol	82.78	10	100	0	82.8	16-115	0
Pyrene	42.44	10	50	0	84.9	59.7-121	0
Surr: 2,4,6-Tribromophenol	*80.8*	10	*100*	0	*80.8*	*39-153*	0
Surr: 2-Fluorobiphenyl	*80.23*	10	*100*	0	*80.2*	*40-147*	0
Surr: 2-Fluorophenol	*76.35*	10	*100*	0	*76.3*	*21-110*	0
Surr: 4-Terphenyl-d14	*83.46*	10	*100*	0	*83.5*	*39-141*	0
Surr: Nitrobenzene-d5	*80.78*	10	*100*	0	*80.8*	*37-140*	0
Surr: Phenol-d6	*78.74*	10	*100*	0	*78.7*	*11-100*	0

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

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B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

MS Sample ID: **0609270-01HMS** Units: **µg/L** Analysis Date: **09/25/06 13:38**

Client ID: Run ID: **SV-2_060925A** SeqNo: **957407** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	35.31	10	50	0	70.6	55.3-118	0			
1,2-Dichlorobenzene	33.87	10	50	0	67.7	55.9-115	0			
1,3-Dichlorobenzene	34.03	10	50	0	68.1	51.4-115	0			
1,4-Dichlorobenzene	33.82	10	50	0	67.6	53.2-115	0			
2,4,5-Trichlorophenol	92.77	10	100	0	92.8	59.2-126	0			
2,4,6-Trichlorophenol	83.53	10	100	0	83.5	59.8-120	0			
2,4-Dichlorophenol	87.68	10	100	0	87.7	57.6-121	0			
2,4-Dimethylphenol	80.67	10	100	0	80.7	57.2-115	0			
2,4-Dinitrophenol	78.49	10	100	0	78.5	46.2-124	0			
2,4-Dinitrotoluene	35.97	10	50	0	71.9	62.9-126	0			
2,6-Dinitrotoluene	36.39	10	50	0	72.8	62.2-128	0			
2-Chloronaphthalene	37.47	10	50	0	74.9	57.6-117	0			
2-Chlorophenol	80.41	10	100	0	80.4	54.3-115	0			
2-Methylnaphthalene	35.43	10	50	0	70.9	51.4-124	0			
2-Methylphenol	81.42	10	100	0	81.4	41.5-115	0			
2-Nitroaniline	35.54	10	50	0	71.1	59.3-125	0			
2-Nitrophenol	83.41	10	100	0	83.4	57.2-115	0			
3&4-Methylphenol	131.9	10	150	0	87.9	33.3-115	0			
3,3'-Dichlorobenzidine	35.12	10	50	0	70.2	26.7-118	0			
3-Nitroaniline	24.51	10	50	0	49	42.4-118	0			
4,6-Dinitro-2-methylphenol	84.99	10	100	0	85	60.1-129	0			
4-Bromophenyl phenyl ether	38.72	10	50	0	77.4	62.3-130	0			
4-Chloro-3-methylphenol	90.23	10	100	0	90.2	55.5-120	0			
4-Chloroaniline	32.7	10	50	0	65.4	36.4-116	0			
4-Chlorophenyl phenyl ether	36.11	10	50	0	72.2	64-124	0			
4-Nitroaniline	33.17	10	50	0	66.3	51.4-125	0			
4-Nitrophenol	77.95	10	100	0	78	17-100	0			
Acenaphthene	34.92	10	50	0	69.8	63.1-120	0			
Acenaphthylene	34.95	10	50	0	69.9	62.8-118	0			
Anthracene	35.66	10	50	0	71.3	64.5-128	0			
Benz(a)anthracene	36.14	10	50	0	72.3	60.1-125	0			
Benzo(a)pyrene	35.92	10	50	0	71.8	56.7-135	0			
Benzo(b)fluoranthene	35.4	10	50	0	70.8	50.5-134	0			
Benzo(g,h,i)perylene	36.67	10	50	0	73.3	52.2-138	0			
Benzo(k)fluoranthene	37.44	10	50	0	74.9	60-140	0			
Bis(2-chloroethoxy)methane	36.04	10	50	0	72.1	63.2-119	0			
Bis(2-chloroethyl)ether	34.84	10	50	0	69.7	62.3-115	0			
Bis(2-chloroisopropyl)ether	35.5	10	50	0	71	54.9-117	0			
Bis(2-ethylhexyl)phthalate	48.29	10	50	0	96.6	59.1-136	0			
Butyl benzyl phthalate	38.1	10	50	0	76.2	57.5-132	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

Carbazole	36.43	10	50	0	72.9	65.5-130	0
Chrysene	36.03	10	50	0	72.1	62.4-125	0
Di-n-butyl phthalate	37.33	10	50	0	74.7	64.6-133	0
Di-n-octyl phthalate	36.9	10	50	0	73.8	49.7-152	0
Dibenz(a,h)anthracene	35.65	10	50	0	71.3	49.2-136	0
Dibenzofuran	34.87	10	50	0	69.7	64.3-122	0
Diethyl phthalate	36.31	10	50	0	72.6	62.7-129	0
Dimethyl phthalate	36.67	10	50	0	73.3	63.7-126	0
Fluoranthene	35.09	10	50	0	70.2	61.2-128	0
Fluorene	35.27	10	50	0	70.5	64.9-121	0
Hexachlorobenzene	37.16	10	50	0	74.3	65.6-126	0
Hexachlorobutadiene	35.82	10	50	0	71.6	46.1-121	0
Hexachlorocyclopentadiene	28.72	10	50	0	57.4	43.4-120	0
Hexachloroethane	35.14	10	50	0	70.3	60-115	0
Indeno(1,2,3-cd)pyrene	35.2	10	50	0	70.4	50.3-123	0
Isophorone	36	10	50	0	72	62-121	0
N-Nitrosodi-n-propylamine	36.77	10	50	0	73.5	59.7-116	0
N-Nitrosodiphenylamine	37.96	10	50	0	75.9	65.1-136	0
Naphthalene	35.52	10	50	0	71	59.9-115	0
Nitrobenzene	35.13	10	50	0	70.3	59.1-134	0
Pentachlorophenol	80.38	10	100	0	80.4	51.3-134	0
Phenanthrene	36.21	10	50	0	72.4	65.2-122	0
Phenol	83.38	10	100	0	83.4	16-115	0
Pyrene	36.76	10	50	0	73.5	59.7-121	0
Surr: 2,4,6-Tribromophenol	*70.64*	10	*100*	0	*70.6*	*39-153*	0
Surr: 2-Fluorobiphenyl	*66.55*	10	*100*	0	*66.6*	*40-147*	0
Surr: 2-Fluorophenol	*62.67*	10	*100*	0	*62.7*	*21-110*	0
Surr: 4-Terphenyl-d14	*71.83*	10	*100*	0	*71.8*	*39-141*	0
Surr: Nitrobenzene-d5	*67.16*	10	*100*	0	*67.2*	*37-140*	0
Surr: Phenol-d6	*66.42*	10	*100*	0	*66.4*	*11-100*	0

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

MSD Sample ID: **0609270-01HMSD** Units: **µg/L** Analysis Date: **09/25/06 14:03**

Client ID: Run ID: **SV-2_060925A** SeqNo: **957408** Prep Date: **9/22/2006** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trichlorobenzene	38.86	10	50	0	77.7	55.3-118	35.31	9.58	20	
1,2-Dichlorobenzene	37.43	10	50	0	74.9	55.9-115	33.87	9.99	20	
1,3-Dichlorobenzene	37.41	10	50	0	74.8	51.4-115	34.03	9.45	20	
1,4-Dichlorobenzene	36.68	10	50	0	73.4	53.2-115	33.82	8.11	20	
2,4,5-Trichlorophenol	96.44	10	100	0	96.4	59.2-126	92.77	3.87	20	
2,4,6-Trichlorophenol	90.42	10	100	0	90.4	59.8-120	83.53	7.93	20	
2,4-Dichlorophenol	96.96	10	100	0	97	57.6-121	87.68	10.1	20	
2,4-Dimethylphenol	88.85	10	100	0	88.8	57.2-115	80.67	9.65	20	
2,4-Dinitrophenol	95.63	10	100	0	95.6	46.2-124	78.49	19.7	20	
2,4-Dinitrotoluene	40.22	10	50	0	80.4	62.9-126	35.97	11.1	20	
2,6-Dinitrotoluene	39.86	10	50	0	79.7	62.2-128	36.39	9.08	20	
2-Chloronaphthalene	40.41	10	50	0	80.8	57.6-117	37.47	7.55	20	
2-Chlorophenol	88.43	10	100	0	88.4	54.3-115	80.41	9.5	20	
2-Methylnaphthalene	38.74	10	50	0	77.5	51.4-124	35.43	8.93	20	
2-Methylphenol	91.19	10	100	0	91.2	41.5-115	81.42	11.3	20	
2-Nitroaniline	39.49	10	50	0	79	59.3-125	35.54	10.5	20	
2-Nitrophenol	93	10	100	0	93	57.2-115	83.41	10.9	20	
3&4-Methylphenol	141.5	10	150	0	94.3	33.3-115	131.9	6.99	20	
3,3'-Dichlorobenzidine	37.29	10	50	0	74.6	26.7-118	35.12	6	20	
3-Nitroaniline	28.18	10	50	0	56.4	42.4-118	24.51	13.9	20	
4,6-Dinitro-2-methylphenol	92.79	10	100	0	92.8	60.1-129	84.99	8.77	20	
4-Bromophenyl phenyl ether	40.62	10	50	0	81.2	62.3-130	38.72	4.79	20	
4-Chloro-3-methylphenol	94.3	10	100	0	94.3	55.5-120	90.23	4.41	20	
4-Chloroaniline	32.26	10	50	0	64.5	36.4-116	32.7	1.35	20	
4-Chlorophenyl phenyl ether	40.22	10	50	0	80.4	64-124	36.11	10.8	20	
4-Nitroaniline	38.52	10	50	0	77	51.4-125	33.17	14.9	20	
4-Nitrophenol	87.13	10	100	0	87.1	17-100	77.95	11.1	20	
Acenaphthene	38.99	10	50	0	78	63.1-120	34.92	11	20	
Acenaphthylene	38.55	10	50	0	77.1	62.8-118	34.95	9.79	20	
Anthracene	38.69	10	50	0	77.4	64.5-128	35.66	8.17	20	
Benz(a)anthracene	39.6	10	50	0	79.2	60.1-125	36.14	9.14	20	
Benzo(a)pyrene	39.33	10	50	0	78.7	56.7-135	35.92	9.05	20	
Benzo(b)fluoranthene	37.72	10	50	0	75.4	50.5-134	35.4	6.33	20	
Benzo(g,h,i)perylene	40.22	10	50	0	80.4	52.2-138	36.67	9.24	20	
Benzo(k)fluoranthene	42.17	10	50	0	84.3	60-140	37.44	11.9	20	
Bis(2-chloroethoxy)methane	39.61	10	50	0	79.2	63.2-119	36.04	9.43	20	
Bis(2-chloroethyl)ether	37.93	10	50	0	75.9	62.3-115	34.84	8.5	20	
Bis(2-chloroisopropyl)ether	38.52	10	50	0	77	54.9-117	35.5	8.15	20	
Bis(2-ethylhexyl)phthalate	52.72	10	50	0	105	59.1-136	48.29	8.77	20	
Butyl benzyl phthalate	41.47	10	50	0	82.9	57.5-132	38.1	8.47	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **19941** Instrument ID: **SV-2** Method: **SW8270**

Carbazole	40.16	10	50	0	80.3	65.5-130	36.43	9.75	20
Chrysene	39.52	10	50	0	79	62.4-125	36.03	9.24	20
Di-n-butyl phthalate	41.32	10	50	0	82.6	64.6-133	37.33	10.1	20
Di-n-octyl phthalate	40.63	10	50	0	81.3	49.7-152	36.9	9.62	20
Dibenz(a,h)anthracene	39.81	10	50	0	79.6	49.2-136	35.65	11	20
Dibenzofuran	38.63	10	50	0	77.3	64.3-122	34.87	10.2	20
Diethyl phthalate	40.27	10	50	0	80.5	62.7-129	36.31	10.3	20
Dimethyl phthalate	39.65	10	50	0	79.3	63.7-126	36.67	7.82	20
Fluoranthene	39.57	10	50	0	79.1	61.2-128	35.09	12	20
Fluorene	39.44	10	50	0	78.9	64.9-121	35.27	11.2	20
Hexachlorobenzene	39.97	10	50	0	79.9	65.6-126	37.16	7.27	20
Hexachlorobutadiene	39.11	10	50	0	78.2	46.1-121	35.82	8.78	20
Hexachlorocyclopentadiene	31.61	10	50	0	63.2	43.4-120	28.72	9.6	20
Hexachloroethane	38.1	10	50	0	76.2	60-115	35.14	8.07	20
Indeno(1,2,3-cd)pyrene	38.27	10	50	0	76.5	50.3-123	35.2	8.37	20
Isophorone	38.97	10	50	0	77.9	62-121	36	7.93	20
N-Nitrosodi-n-propylamine	39.74	10	50	0	79.5	59.7-116	36.77	7.77	20
N-Nitrosodiphenylamine	40.59	10	50	0	81.2	65.1-136	37.96	6.71	20
Naphthalene	38.97	10	50	0	77.9	59.9-115	35.52	9.27	20
Nitrobenzene	38.76	10	50	0	77.5	59.1-134	35.13	9.83	20
Pentachlorophenol	88.01	10	100	0	88	51.3-134	80.38	9.06	20
Phenanthrene	39.24	10	50	0	78.5	65.2-122	36.21	8.03	20
Phenol	91.36	10	100	0	91.4	16-115	83.38	9.14	20
Pyrene	39.35	10	50	0	78.7	59.7-121	36.76	6.83	20
Surr: 2,4,6-Tribromophenol	*74.63*	10	*100*	0	*74.6*	*39-153*	70.64	*5.49*	*20*
Surr: 2-Fluorobiphenyl	*73.62*	10	*100*	0	*73.6*	*40-147*	66.55	*10.1*	*20*
Surr: 2-Fluorophenol	*68.44*	10	*100*	0	*68.4*	*21-110*	62.67	*8.8*	*20*
Surr: 4-Terphenyl-d14	*77.53*	10	*100*	0	*77.5*	*39-141*	71.83	*7.64*	*20*
Surr: Nitrobenzene-d5	*73.48*	10	*100*	0	*73.5*	*37-140*	67.16	*8.99*	*20*
Surr: Phenol-d6	*73.05*	10	*100*	0	*73*	*11-100*	66.42	*9.5*	*20*

The following samples were analyzed in this batch: 0609302-01D 0609302-02D

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

MBLK Sample ID: **VBLKW-060922** Units: **µg/L** Analysis Date: **09/22/06 15:58**

Client ID: Run ID: **VOA2_060922A** SeqNo: **955865** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trimethylbenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
n-Butylbenzene	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
sec-Butylbenzene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								

ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in assoc. Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
U - Analyzed for but not detected
O - Referenced analyte value is > 4 times amount spiked
P - Dual Column results percent difference > 40%
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*44.95*	5.0	*50*	0	*89.9*	*70-125*	0
Surr: 4-Bromofluorobenzene	*42.45*	5.0	*50*	0	*84.9*	*72.4-125*	0
Surr: Dibromofluoromethane	*44.09*	5.0	*50*	0	*88.2*	*71.2-125*	0
Surr: Toluene-d8	*46.96*	5.0	*50*	0	*93.9*	*75-125*	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

LCS Sample ID: **VLCSW-60922** Units: **µg/L** Analysis Date: **09/22/06 15:07**

Client ID: Run ID: **VOA2_060922A** SeqNo: **955864** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.64	5.0	50	0	97.3	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.24	5.0	50	0	98.5	78.9-121	0			
1,1,2-Trichloroethane	47.29	5.0	50	0	94.6	80-120	0			
1,1-Dichloroethane	47.36	5.0	50	0	94.7	74.2-122	0			
1,1-Dichloroethene	49.01	5.0	50	0	98	75.8-122	0			
1,2,4-Trimethylbenzene	51.37	5.0	50	0	103	80-120	0			
1,2-Dichloroethane	48.81	5.0	50	0	97.6	78.8-120	0			
1,2-Dichloropropane	45.25	5.0	50	0	90.5	80-120	0			
1,3,5-Trimethylbenzene	51.8	5.0	50	0	104	80-120	0			
2-Butanone	91.58	10	100	0	91.6	69.2-131	0			
2-Hexanone	102.1	10	100	0	102	59.1-135	0			
4-Methyl-2-pentanone	94.59	10	100	0	94.6	71.6-124	0			
Acetone	89.11	10	100	0	89.1	60.1-141	0			
Benzene	44.82	5.0	50	0	89.6	80-120	0			
Bromodichloromethane	48.26	5.0	50	0	96.5	80-120	0			
Bromoform	47.62	5.0	50	0	95.2	78.1-120	0			
Bromomethane	46.34	5.0	50	0	92.7	52.8-147	0			
Carbon disulfide	100.1	10	100	0	100	78.8-120	0			
Carbon tetrachloride	46.88	5.0	50	0	93.8	76.8-120	0			
Chlorobenzene	47.4	5.0	50	0	94.8	80-120	0			
Chloroethane	48.17	5.0	50	0	96.3	74.2-120	0			
Chloroform	47.24	5.0	50	0	94.5	80-120	0			
Chloromethane	47.69	5.0	50	0	95.4	63.5-133	0			
cis-1,2-Dichloroethene	48.54	5.0	50	0	97.1	80-120	0			
cis-1,3-Dichloropropene	50.04	5.0	50	0	100	80-120	0			
Dibromochloromethane	51	5.0	50	0	102	80-120	0			
Ethylbenzene	50.03	5.0	50	0	100	80-120	0			
m,p-Xylene	100.8	10	100	0	101	80-120	0			
Methyl tert-butyl ether	49.99	5.0	50	0	100	75.8-123	0			
Methylene chloride	45.97	10	50	0	91.9	74.7-120	0			
n-Butylbenzene	52.47	5.0	50	0	105	80-120	0			
Naphthalene	51.96	5.0	50	0	104	71.4-124	0			
o-Xylene	50.17	5.0	50	0	100	80-120	0			
sec-Butylbenzene	52.1	5.0	50	0	104	80-120	0			
Styrene	51.56	5.0	50	0	103	80-120	0			
Tetrachloroethene	48.12	5.0	50	0	96.2	80-120	0			
Toluene	49.47	5.0	50	0	98.9	80-120	0			
trans-1,2-Dichloroethene	48.6	5.0	50	0	97.2	75.9-122	0			
trans-1,3-Dichloropropene	51.06	5.0	50	0	102	80-120	0			
Trichloroethene	47.36	5.0	50	0	94.7	80-120	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

Vinyl chloride	48.17	2.0	50	0	96.3	76.2-121	0
Xylenes, Total	150.9	15	150	0	101	80-120	0
Surr: 1,2-Dichloroethane-d4	*43.68*	5.0	*50*	0	*87.4*	*70-125*	0
Surr: 4-Bromofluorobenzene	*46.02*	5.0	*50*	0	*92*	*72.4-125*	0
Surr: Dibromofluoromethane	*44.62*	5.0	*50*	0	*89.2*	*71.2-125*	0
Surr: Toluene-d8	*46.82*	5.0	*50*	0	*93.6*	*75-125*	0

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

MS Sample ID: **0609289-01AMS** Units: **µg/L** Analysis Date: **09/22/06 17:14**

Client ID: Run ID: **VOA2_060922A** SeqNo: **955868** Prep Date: DF: **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	4372	500	5000	0	87.4	79.6-120		0		
1,1,2,2-Tetrachloroethane	5299	500	5000	0	106	78.9-121		0		
1,1,2-Trichloroethane	5076	500	5000	0	102	80-120		0		
1,1-Dichloroethane	4710	500	5000	0	94.2	74.2-122		0		
1,1-Dichloroethene	4119	500	5000	0	82.4	75.8-122		0		
1,2,4-Trimethylbenzene	4450	500	5000	0	89	80-120		0		
1,2-Dichloroethane	5585	500	5000	0	112	78.8-120		0		
1,2-Dichloropropane	4991	500	5000	0	99.8	80-120		0		
1,3,5-Trimethylbenzene	4385	500	5000	0	87.7	80-120		0		
2-Butanone	10350	1,000	10000	0	103	69.2-131		0		
2-Hexanone	10790	1,000	10000	0	108	59.1-135		0		
4-Methyl-2-pentanone	10380	1,000	10000	0	104	71.6-124		0		
Acetone	10440	1,000	10000	0	104	60.1-141		0		
Benzene	4644	500	5000	0	92.9	80-120		0		
Bromodichloromethane	5271	500	5000	0	105	80-120		0		
Bromoform	4968	500	5000	0	99.4	78.1-120		0		
Bromomethane	4487	500	5000	0	89.7	52.8-147		0		
Carbon disulfide	7862	1,000	10000	0	78.6	78.8-120		0		S
Carbon tetrachloride	4178	500	5000	0	83.6	76.8-120		0		
Chlorobenzene	4997	500	5000	202.8	95.9	80-120		0		
Chloroethane	4512	500	5000	0	90.2	74.2-120		0		
Chloroform	6218	500	5000	796.4	108	80-120		0		
Chloromethane	4678	500	5000	0	93.6	63.5-133		0		
cis-1,2-Dichloroethene	4813	500	5000	0	96.3	80-120		0		
cis-1,3-Dichloropropene	5196	500	5000	0	104	80-120		0		
Dibromochloromethane	5297	500	5000	0	106	80-120		0		
Ethylbenzene	4573	500	5000	0	91.5	80-120		0		
m,p-Xylene	9169	1,000	10000	0	91.7	80-120		0		
Methyl tert-butyl ether	5108	500	5000	0	102	75.8-123		0		
Methylene chloride	5218	1,000	5000	113.2	102	74.7-120		0		
n-Butylbenzene	3954	500	5000	0	79.1	80-120		0		S
Naphthalene	4388	500	5000	0	87.8	71.4-124		0		
o-Xylene	4759	500	5000	0	95.2	80-120		0		
sec-Butylbenzene	4096	500	5000	0	81.9	80-120		0		
Styrene	2846	500	5000	0	56.9	80-120		0		S
Tetrachloroethene	4131	500	5000	0	82.6	80-120		0		
Toluene	4632	500	5000	0	92.6	80-120		0		
trans-1,2-Dichloroethene	4494	500	5000	0	89.9	75.9-122		0		
trans-1,3-Dichloropropene	5197	500	5000	0	104	80-120		0		
Trichloroethene	4547	500	5000	0	90.9	80-120		0		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972**	Instrument ID: **VOA2**		Method: **SW8260**				
Vinyl chloride	4119	200	5000	0	82.4	76.2-121	0
Xylenes, Total	13930	1,500	15000	0	92.9	80-120	0
Surr: 1,2-Dichloroethane-d4	*4596*	500	*5000*	0	*91.9*	*70-125*	0
Surr: 4-Bromofluorobenzene	*4659*	500	*5000*	0	*93.2*	*72.4-125*	0
Surr: Dibromofluoromethane	*4650*	500	*5000*	0	*93*	*71.2-125*	0
Surr: Toluene-d8	*4635*	500	*5000*	0	*92.7*	*75-125*	0

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

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E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

MSD Sample ID: **0609289-01AMSD** Units: **µg/L** Analysis Date: **09/22/06 17:39**

Client ID: Run ID: **VOA2_060922A** SeqNo: **955869** Prep Date: DF: **100**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	4314	500	5000	0	86.3	79.6-120	4372	1.34	20	
1,1,2,2-Tetrachloroethane	5375	500	5000	0	108	78.9-121	5299	1.43	20	
1,1,2-Trichloroethane	5162	500	5000	0	103	80-120	5076	1.68	20	
1,1-Dichloroethane	4792	500	5000	0	95.8	74.2-122	4710	1.72	20	
1,1-Dichloroethene	4167	500	5000	0	83.3	75.8-122	4119	1.15	20	
1,2,4-Trimethylbenzene	4864	500	5000	0	97.3	80-120	4450	8.9	20	
1,2-Dichloroethane	5271	500	5000	0	105	78.8-120	5585	5.79	20	
1,2-Dichloropropane	4958	500	5000	0	99.2	80-120	4991	0.662	20	
1,3,5-Trimethylbenzene	4805	500	5000	0	96.1	80-120	4385	9.14	20	
2-Butanone	10750	1,000	10000	0	107	69.2-131	10350	3.78	20	
2-Hexanone	11270	1,000	10000	0	113	59.1-135	10790	4.37	20	
4-Methyl-2-pentanone	10750	1,000	10000	0	108	71.6-124	10380	3.57	20	
Acetone	11130	1,000	10000	0	111	60.1-141	10440	6.39	20	
Benzene	4629	500	5000	0	92.6	80-120	4644	0.317	20	
Bromodichloromethane	5295	500	5000	0	106	80-120	5271	0.454	20	
Bromoform	5090	500	5000	0	102	78.1-120	4968	2.42	20	
Bromomethane	4951	500	5000	0	99	52.8-147	4487	9.83	20	
Carbon disulfide	7627	1,000	10000	0	76.3	78.8-120	7862	3.05	20	S
Carbon tetrachloride	3956	500	5000	0	79.1	76.8-120	4178	5.47	20	
Chlorobenzene	4949	500	5000	202.8	94.9	80-120	4997	0.955	20	
Chloroethane	4656	500	5000	0	93.1	74.2-120	4512	3.13	20	
Chloroform	6145	500	5000	796.4	107	80-120	6218	1.18	20	
Chloromethane	4726	500	5000	0	94.5	63.5-133	4678	1.01	20	
cis-1,2-Dichloroethene	4877	500	5000	0	97.5	80-120	4813	1.32	20	
cis-1,3-Dichloropropene	5268	500	5000	0	105	80-120	5196	1.38	20	
Dibromochloromethane	5465	500	5000	0	109	80-120	5297	3.13	20	
Ethylbenzene	4753	500	5000	0	95.1	80-120	4573	3.86	20	
m,p-Xylene	9488	1,000	10000	0	94.9	80-120	9169	3.42	20	
Methyl tert-butyl ether	5389	500	5000	0	108	75.8-123	5108	5.36	20	
Methylene chloride	5357	1,000	5000	113.2	105	74.7-120	5218	2.62	20	
n-Butylbenzene	4324	500	5000	0	86.5	80-120	3954	8.94	20	
Naphthalene	5241	500	5000	0	105	71.4-124	4388	17.7	20	
o-Xylene	4969	500	5000	0	99.4	80-120	4759	4.32	20	
sec-Butylbenzene	4386	500	5000	0	87.7	80-120	4096	6.84	20	
Styrene	3904	500	5000	0	78.1	80-120	2846	31.4	20	SR
Tetrachloroethene	4168	500	5000	0	83.4	80-120	4131	0.892	20	
Toluene	4723	500	5000	0	94.5	80-120	4632	1.95	20	
trans-1,2-Dichloroethene	4596	500	5000	0	91.9	75.9-122	4494	2.26	20	
trans-1,3-Dichloropropene	5388	500	5000	0	108	80-120	5197	3.62	20	
Trichloroethene	4442	500	5000	0	88.8	80-120	4547	2.34	20	

ND - Not Detected at the Reporting Limit
S - Spike Recovery outside accepted recovery limits
B - Analyte detected in assoc. Method Blank
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
U - Analyzed for but not detected
O - Referenced analyte value is > 4 times amount spiked
P - Dual Column results percent difference > 40%
E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R41972** Instrument ID: **VOA2** Method: **SW8260**

Vinyl chloride	4195	200	5000	0	83.9	76.2-121	4119	1.84	20
Xylenes, Total	14460	1,500	15000	0	96.4	80-120	13930	3.73	20
Surr: 1,2-Dichloroethane-d4	*4677*	500	*5000*	0	*93.5*	*70-125*	4596	*1.75*	*20*
Surr: 4-Bromofluorobenzene	*4699*	500	*5000*	0	*94*	*72.4-125*	4659	*0.857*	*20*
Surr: Dibromofluoromethane	*4670*	500	*5000*	0	*93.4*	*71.2-125*	4650	*0.435*	*20*
Surr: Toluene-d8	*4673*	500	*5000*	0	*93.5*	*75-125*	4635	*0.827*	*20*

The following samples were analyzed in this batch: 0609302-02A

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

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B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053** Instrument ID: **VOA1** Method: **SW8260**

MBLK Sample ID: **VBLKW-060925** Units: **µg/L** Analysis Date: **09/25/06 12:44**

Client ID: Run ID: **VOA1_060925A** SeqNo: **957328** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	U	5.0								
1,1,2,2-Tetrachloroethane	U	5.0								
1,1,2-Trichloroethane	U	5.0								
1,1-Dichloroethane	U	5.0								
1,1-Dichloroethene	U	5.0								
1,2,4-Trimethylbenzene	U	5.0								
1,2-Dichloroethane	U	5.0								
1,2-Dichloropropane	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
2-Butanone	U	10								
2-Hexanone	U	10								
4-Methyl-2-pentanone	U	10								
Acetone	U	10								
Benzene	U	5.0								
Bromodichloromethane	U	5.0								
Bromoform	U	5.0								
Bromomethane	U	5.0								
Carbon disulfide	U	10								
Carbon tetrachloride	U	5.0								
Chlorobenzene	U	5.0								
Chloroethane	U	5.0								
Chloroform	U	5.0								
Chloromethane	U	5.0								
cis-1,2-Dichloroethene	U	5.0								
cis-1,3-Dichloropropene	U	5.0								
Dibromochloromethane	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	10								
Methyl tert-butyl ether	U	5.0								
Methylene chloride	U	10								
n-Butylbenzene	U	5.0								
Naphthalene	U	5.0								
o-Xylene	U	5.0								
sec-Butylbenzene	U	5.0								
Styrene	U	5.0								
Tetrachloroethene	U	5.0								
Toluene	U	5.0								
trans-1,2-Dichloroethene	U	5.0								
trans-1,3-Dichloropropene	U	5.0								
Trichloroethene	U	5.0								

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Batch ID: **R42053**	Instrument ID: **VOA1**		Method: **SW8260**				
Vinyl chloride	U	2.0					
Xylenes, Total	U	15					
Surr: 1,2-Dichloroethane-d4	*46.56*	5.0	*50*	0	*93.1*	*70-125*	0
Surr: 4-Bromofluorobenzene	*56.67*	5.0	*50*	0	*113*	*72.4-125*	0
Surr: Dibromofluoromethane	*51.12*	5.0	*50*	0	*102*	*71.2-125*	0
Surr: Toluene-d8	*51.41*	5.0	*50*	0	*103*	*75-125*	0

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053** Instrument ID: **VOA1** Method: **SW8260**

LCS Sample ID: **VLCSW-060925** Units: **µg/L** Analysis Date: **09/25/06 11:48**

Client ID: Run ID: **VOA1_060925A** SeqNo: **957326** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	49.56	5.0	50	0	99.1	79.6-120		0		
1,1,2,2-Tetrachloroethane	43.66	5.0	50	0	87.3	78.9-121		0		
1,1,2-Trichloroethane	45.68	5.0	50	0	91.4	80-120		0		
1,1-Dichloroethane	45.71	5.0	50	0	91.4	74.2-122		0		
1,1-Dichloroethene	44.62	5.0	50	0	89.2	75.8-122		0		
1,2,4-Trimethylbenzene	44.06	5.0	50	0	88.1	80-120		0		
1,2-Dichloroethane	48.62	5.0	50	0	97.2	78.8-120		0		
1,2-Dichloropropane	46.78	5.0	50	0	93.6	80-120		0		
1,3,5-Trimethylbenzene	43.24	5.0	50	0	86.5	80-120		0		
2-Butanone	85.42	10	100	0	85.4	69.2-131		0		
2-Hexanone	87.7	10	100	0	87.7	59.1-135		0		
4-Methyl-2-pentanone	86.68	10	100	0	86.7	71.6-124		0		
Acetone	89.59	10	100	0	89.6	60.1-141		0		
Benzene	46.96	5.0	50	0	93.9	80-120		0		
Bromodichloromethane	51.92	5.0	50	0	104	80-120		0		
Bromoform	45.98	5.0	50	0	92	78.1-120		0		
Bromomethane	45.72	5.0	50	0	91.4	52.8-147		0		
Carbon disulfide	81.11	10	100	0	81.1	78.8-120		0		
Carbon tetrachloride	46.26	5.0	50	0	92.5	76.8-120		0		
Chlorobenzene	47.2	5.0	50	0	94.4	80-120		0		
Chloroethane	46.31	5.0	50	0	92.6	74.2-120		0		
Chloroform	49	5.0	50	0	98	80-120		0		
Chloromethane	45.38	5.0	50	0	90.8	63.5-133		0		
cis-1,2-Dichloroethene	48.37	5.0	50	0	96.7	80-120		0		
cis-1,3-Dichloropropene	49.07	5.0	50	0	98.1	80-120		0		
Dibromochloromethane	51.09	5.0	50	0	102	80-120		0		
Ethylbenzene	45.72	5.0	50	0	91.4	80-120		0		
m,p-Xylene	91.51	10	100	0	91.5	80-120		0		
Methyl tert-butyl ether	48.41	5.0	50	0	96.8	75.8-123		0		
Methylene chloride	47.09	10	50	0	94.2	74.7-120		0		
n-Butylbenzene	41.39	5.0	50	0	82.8	80-120		0		
Naphthalene	43.85	5.0	50	0	87.7	71.4-124		0		
o-Xylene	46.28	5.0	50	0	92.6	80-120		0		
sec-Butylbenzene	40.52	5.0	50	0	81	80-120		0		
Styrene	47.29	5.0	50	0	94.6	80-120		0		
Tetrachloroethene	44.42	5.0	50	0	88.8	80-120		0		
Toluene	46.24	5.0	50	0	92.5	80-120		0		
trans-1,2-Dichloroethene	46.27	5.0	50	0	92.5	75.9-122		0		
trans-1,3-Dichloropropene	50.64	5.0	50	0	101	80-120		0		
Trichloroethene	47.72	5.0	50	0	95.4	80-120		0		

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053**	Instrument ID: **VOA1**		Method: **SW8260**				
Vinyl chloride	45.49	2.0	50	0	91	76.2-121	0
Xylenes, Total	137.8	15	150	0	91.9	80-120	0
Surr: 1,2-Dichloroethane-d4	*46.91*	5.0	*50*	0	*93.8*	*70-125*	0
Surr: 4-Bromofluorobenzene	*55.84*	5.0	*50*	0	*112*	*72.4-125*	0
Surr: Dibromofluoromethane	*51.24*	5.0	*50*	0	*102*	*71.2-125*	0
Surr: Toluene-d8	*51.73*	5.0	*50*	0	*103*	*75-125*	0

ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
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CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053** Instrument ID: **VOA1** Method: **SW8260**

MS Sample ID: **0609300-01AMS** Units: **µg/L** Analysis Date: **09/25/06 16:50**

Client ID: Run ID: **VOA1_060925A** SeqNo: **957343** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.86	5.0	50	0	91.7	79.6-120	0			
1,1,2,2-Tetrachloroethane	45.27	5.0	50	0	90.5	78.9-121	0			
1,1,2-Trichloroethane	47.86	5.0	50	0	95.7	80-120	0			
1,1-Dichloroethane	46.36	5.0	50	0	92.7	74.2-122	0			
1,1-Dichloroethene	44.79	5.0	50	0	89.6	75.8-122	0			
1,2,4-Trimethylbenzene	38.37	5.0	50	0	76.7	80-120	0			S
1,2-Dichloroethane	49.92	5.0	50	0	99.8	78.8-120	0			
1,2-Dichloropropane	47.47	5.0	50	0	94.9	80-120	0			
1,3,5-Trimethylbenzene	38.53	5.0	50	0	77.1	80-120	0			S
2-Butanone	92.7	10	100	0	92.7	69.2-131	0			
2-Hexanone	94.73	10	100	0	94.7	59.1-135	0			
4-Methyl-2-pentanone	95.45	10	100	0	95.4	71.6-124	0			
Acetone	89.26	10	100	0	89.3	60.1-141	0			
Benzene	44.6	5.0	50	0	89.2	80-120	0			
Bromodichloromethane	49.51	5.0	50	0	99	80-120	0			
Bromoform	45.38	5.0	50	0	90.8	78.1-120	0			
Bromomethane	56.28	5.0	50	0	113	52.8-147	0			
Carbon disulfide	111.5	10	100	0	111	78.8-120	0			
Carbon tetrachloride	43.78	5.0	50	0	87.6	76.8-120	0			
Chlorobenzene	43.03	5.0	50	0	86.1	80-120	0			
Chloroethane	44.25	5.0	50	0	88.5	74.2-120	0			
Chloroform	47.09	5.0	50	0	94.2	80-120	0			
Chloromethane	47.89	5.0	50	0	95.8	63.5-133	0			
cis-1,2-Dichloroethene	47.64	5.0	50	0	95.3	80-120	0			
cis-1,3-Dichloropropene	48.41	5.0	50	0	96.8	80-120	0			
Dibromochloromethane	49.54	5.0	50	0	99.1	80-120	0			
Ethylbenzene	40.53	5.0	50	0	81.1	80-120	0			
m,p-Xylene	81.15	10	100	0	81.2	80-120	0			
Methyl tert-butyl ether	49.79	5.0	50	0	99.6	75.8-123	0			
Methylene chloride	46.22	10	50	0.5033	91.4	74.7-120	0			
n-Butylbenzene	37.82	5.0	50	0	75.6	80-120	0			S
Naphthalene	41.28	5.0	50	0	82.6	71.4-124	0			
o-Xylene	41.7	5.0	50	0	83.4	80-120	0			
sec-Butylbenzene	36.07	5.0	50	0	72.1	80-120	0			S
Styrene	42.93	5.0	50	0	85.9	80-120	0			
Tetrachloroethene	41.42	5.0	50	0	82.8	80-120	0			
Toluene	43.2	5.0	50	0	86.4	80-120	0			
trans-1,2-Dichloroethene	45.1	5.0	50	0	90.2	75.9-122	0			
trans-1,3-Dichloropropene	49.78	5.0	50	0	99.6	80-120	0			
Trichloroethene	47.7	5.0	50	0	95.4	80-120	0			

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

Batch ID: **R42053**	Instrument ID: **VOA1**		Method: **SW8260**				
Vinyl chloride	42.79	2.0	50	0	85.6	76.2-121	0
Xylenes, Total	122.8	15	150	0	81.9	80-120	0
Surr: 1,2-Dichloroethane-d4	*54.45*	5.0	*50*	0	*109*	*70-125*	0
Surr: 4-Bromofluorobenzene	*53.5*	5.0	*50*	0	*107*	*72.4-125*	0
Surr: Dibromofluoromethane	*56.56*	5.0	*50*	0	*113*	*71.2-125*	0
Surr: Toluene-d8	*53.99*	5.0	*50*	0	*108*	*75-125*	0

CLIENT: Terracon Consulting Engineers & Scientist

Work Order: 0609302

Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053** Instrument ID: **VOA1** Method: **SW8260**

MSD Sample ID: **0609300-01AMSD** Units: **µg/L** Analysis Date: **09/25/06 17:17**

Client ID: Run ID: **VOA1_060925A** SeqNo: **957345** Prep Date: DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.89	5.0	50	0	97.8	79.6-120	45.86	6.4	20	
1,1,2,2-Tetrachloroethane	49.16	5.0	50	0	98.3	78.9-121	45.27	8.23	20	
1,1,2-Trichloroethane	49.59	5.0	50	0	99.2	80-120	47.86	3.54	20	
1,1-Dichloroethane	49.11	5.0	50	0	98.2	74.2-122	46.36	5.76	20	
1,1-Dichloroethene	44.81	5.0	50	0	89.6	75.8-122	44.79	0.0498	20	
1,2,4-Trimethylbenzene	46.32	5.0	50	0	92.6	80-120	38.37	18.8	20	
1,2-Dichloroethane	53.33	5.0	50	0	107	78.8-120	49.92	6.6	20	
1,2-Dichloropropane	48.85	5.0	50	0	97.7	80-120	47.47	2.88	20	
1,3,5-Trimethylbenzene	45.03	5.0	50	0	90.1	80-120	38.53	15.6	20	
2-Butanone	88.23	10	100	0	88.2	69.2-131	92.7	4.94	20	
2-Hexanone	94.94	10	100	0	94.9	59.1-135	94.73	0.211	20	
4-Methyl-2-pentanone	94.57	10	100	0	94.6	71.6-124	95.45	0.925	20	
Acetone	94.09	10	100	0	94.1	60.1-141	89.26	5.26	20	
Benzene	50.64	5.0	50	0	101	80-120	44.6	12.7	20	
Bromodichloromethane	54.54	5.0	50	0	109	80-120	49.51	9.67	20	
Bromoform	48.2	5.0	50	0	96.4	78.1-120	45.38	6.02	20	
Bromomethane	55.56	5.0	50	0	111	52.8-147	56.28	1.28	20	
Carbon disulfide	116.8	10	100	0	117	78.8-120	111.5	4.64	20	
Carbon tetrachloride	44.99	5.0	50	0	90	76.8-120	43.78	2.73	20	
Chlorobenzene	48.49	5.0	50	0	97	80-120	43.03	11.9	20	
Chloroethane	50.71	5.0	50	0	101	74.2-120	44.25	13.6	20	
Chloroform	51.83	5.0	50	0	104	80-120	47.09	9.59	20	
Chloromethane	55.64	5.0	50	0	111	63.5-133	47.89	15	20	
cis-1,2-Dichloroethene	50.26	5.0	50	0	101	80-120	47.64	5.35	20	
cis-1,3-Dichloropropene	51.66	5.0	50	0	103	80-120	48.41	6.5	20	
Dibromochloromethane	53.04	5.0	50	0	106	80-120	49.54	6.82	20	
Ethylbenzene	47.13	5.0	50	0	94.3	80-120	40.53	15	20	
m,p-Xylene	94.41	10	100	0	94.4	80-120	81.15	15.1	20	
Methyl tert-butyl ether	51.71	5.0	50	0	103	75.8-123	49.79	3.78	20	
Methylene chloride	50.56	10	50	0.5033	100	74.7-120	46.22	8.96	20	
n-Butylbenzene	42.71	5.0	50	0	85.4	80-120	37.82	12.1	20	
Naphthalene	48.85	5.0	50	0	97.7	71.4-124	41.28	16.8	20	
o-Xylene	48.11	5.0	50	0	96.2	80-120	41.7	14.3	20	
sec-Butylbenzene	42.05	5.0	50	0	84.1	80-120	36.07	15.3	20	
Styrene	48.92	5.0	50	0	97.8	80-120	42.93	13.1	20	
Tetrachloroethene	45.78	5.0	50	0	91.6	80-120	41.42	9.99	20	
Toluene	47.63	5.0	50	0	95.3	80-120	43.2	9.76	20	
trans-1,2-Dichloroethene	49.2	5.0	50	0	98.4	75.9-122	45.1	8.7	20	
trans-1,3-Dichloropropene	54.38	5.0	50	0	109	80-120	49.78	8.83	20	
Trichloroethene	50.5	5.0	50	0	101	80-120	47.7	5.7	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Terracon Consulting Engineers & Scientist
Work Order: 0609302
Project: 9206747/North Velasco

QC BATCH REPORT

Batch ID: **R42053**	Instrument ID: **VOA1**		Method: **SW8260**						
Vinyl chloride	45.41	2.0	50	0	90.8	76.2-121	42.79	5.95	20
Xylenes, Total	142.5	15	150	0	95	80-120	122.8	14.8	20
Surr: 1,2-Dichloroethane-d4	*54.2*	5.0	*50*	0	*108*	*70-125*	54.45	*0.46*	*20*
Surr: 4-Bromofluorobenzene	*53.4*	5.0	*50*	0	*107*	*72.4-125*	53.5	*0.177*	*20*
Surr: Dibromofluoromethane	*56.08*	5.0	*50*	0	*112*	*71.2-125*	56.56	*0.857*	*20*
Surr: Toluene-d8	*54.64*	5.0	*50*	0	*109*	*75-125*	53.99	*1.21*	*20*

The following samples were analyzed in this batch: 0609302-01A

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
O - Referenced analyte value is > 4 times amount spiked
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
P - Dual Column results percent difference > 40%
B - Analyte detected in assoc. Method Blank
U - Analyzed for but not detected
E - Value above quantitation range

e-Lab Analytical
QUALITY • INTEGRITY • SERVICE

10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Page 1 of 1

The Chain of Custody is a Legal Document. All information must be completed accurately.

e-Lab Project Manager: | e-Lab Work Order #: 0009502

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	North Velasco	A	VOC (EPA 8260B)
Work Order		Project Number	92067647	B	SVOC (EPA 8270C)
Company Name	TERRACON CONSULTANTS	Bill To Company	SAME AS	C	RCRA Metals (EPA 6010)
Send Report To	PRASAD RAJULU	Invoice Attn		D	TPH (TX 1005)
Address	11555 Clay Road	Address		E	
City/State/Zip	Houston, TX 77043	City/State/Zip		F	
Phone	(713) 690-8989	Phone		G	
Fax	(713) 690-8787	Fax		H	
e-Mail Address	PRAJULU@TERRACON.COM	e-Mail Address		I	
				J	

lo:	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-6	9/20/2006	350	H_2O	HCL HNO3	9	X	X	X	X							
2	MW-5	↓	445	H_2O	↓	9	X	X	X	X							
3																	
4																	
5																	
6																	
7																	
8																	
9																	
0																	

Sampler(s) Please Print & Sign: Josh McFarlain

Shipment Method: 9/20/06 HAND DELIVERED

Required Turnaround Time: (Check Box) ☐ STD 10 WK Days ☒ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	Date: 9/20/06	Time: 17:45	Received by: NICK GAMBOA 9/20/06 17:45
Relinquished by:	Date:	Time:	Received by (Laboratory):
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):

Notes:

e-Lab Analytical Cooler ID	Trip Blank Number

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name HBC TERRACON | Date/Time Received: 9/20/2006 5:45:00 PM

Work Order Number 0609302 | Received by: RNG

Checklist completed by RICHARD SANCHEZ 9-21-06 (Signature / Date) | Reviewed by [illegible] 9/21/06 (Initials / Date)

Matrix: W | Carrier name Client

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.5c	002	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐

Adjusted? _____ Checked by _____

Login Notes: Trip blank not on COC; logged in without analysis.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Environmental Science Corporation
Mount Juliet, TN

For: Envirotest
Tract 10 Delineation

L372815

Lab SampleID.	Client ID
L372815-01	MW-1S
L372815-02	MW-2S
L372815-03	MW-3S
L372815-04	MW-4S
L372815-05	MW-5S
L372815-06	MW-1D
L372815-07	MW-2D
L372815-08	MW-3D

(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

EST. 1970

Appendix A Laboratory Data Package Cover Page

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 Sample identification cross-reference;

R3 Test reports (analytical data sheets) for each environmental sample that includes:

a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
b) dilution factors,
c) preparation methods,
d) cleanup methods, and
e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:

a) Calculated recovery (%R), and
b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amounts,
b) Calculated %R for each analyte, and
c) The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %Rs and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [ ] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

William Mock
Operations Manager
Environmental Science Corp.

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-01, -02, -03, and -04
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391737 V8260

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		✓			1
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?		✓			2
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/10/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG391737 V8260

Sample(s) MW-1S, MW-2S, MW-3S, MW-4S were analyzed for

ER#:	Description
1	The laboratory control sample or laboratory control sample duplicate recoveries were outside the laboratory control limits for Acrolein
2	The relative percent differences exceeded laboratory limits for 2-Chloroethyl vinyl ether and Acrolein

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-06 and 07
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391767 SV8082

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-05, -02, -01, -06, -03, and -04
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391779 HG

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-08 and 07
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391780 HG

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-04, -05, -06, -08, -01, -07, -02, and -03
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391791 TPHTX

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-01, -02, -03, -04, -05, and -08
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391829 SV8082

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?		✓			1
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/10/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG391829 SV8082

Sample(s) MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-3D were

ER#:	Description
1	The surrogate recoveries were outside the laboratory control limits for L372815-03. The surrogate recoveries for the remaining samples were within method limits.

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-01, -02, -03, -04, -05, -06, -07, and -08
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391831 SV8270PAHSIM

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-05, -07, and -08
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391933 V8260

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			1
		Were MS/MSD RPDs within laboratory QC limits?		✓			2
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/10/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG391933 V8260

Sample(s) MW-5S, MW-2D, MW-3D were analyzed for Volatile

ER#:	Description
1	The matrix spike or matrix spike duplicate recoveries were below the laboratory control limits for 1,2-Dichloropropane.
2	The relative percent differences exceeded laboratory limits for 1,2-Dichloropropane and 2-Chloroethyl vinyl ether

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-04, -06, -01, -05, -07, -03, -02, and -08
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391996 SBG

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?		✓			1
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/10/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG391996 SBG

Sample(s) MW-4S, MW-1D, MW-1S, MW-5S, MW-2D, MW-3S,

ER#:	Description
1	The relative percent differences exceeded laboratory limits for Antimony

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/10/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-06
Reviewer Name: ESC Representative	Prep Batch Number(s): WG392107 V8260

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			1
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/10/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG392107 V8260

Sample(s) MW-1D were analyzed for Volatile Organic Compounds by

ER#:	Description
1	The matrix spike or matrix spike duplicate recoveries were below the laboratory control limits for cis-1,2-Dichloroethene.

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/11/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815-01, -02, -06, -07, -08, -04, -05, and -03
Reviewer Name: ESC Representative	Prep Batch Number(s): WG392192 AGICP

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			1
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/11/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L372815
Reviewer Name: ESC Representative	Prep Batch Numbers: WG392192 AGICP

Sample(s) MW-1S, MW-2S, MW-1D, MW-2D, MW-3D, MW-4S,

ER#:	Description
1	The matrix spike or matrix spike duplicate recoveries were below the laboratory control limits for Silver.

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Tax I.D. 62-0814289

Est. 1970

Matt Monroe
Envirotest
3902 Braxton St.

Houston, TX 77063

Report Summary

Monday November 10, 2008

Report Number: L372815
Samples Received: 11/01/08
Client Project: Hou 08 1377

Description: Tract 10 Delineation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

8 Samples Reported: 11/10/08 14:04 Printed: 11/10/08 14:04

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-01

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:55

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0064	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.0073	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.00017	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	0.44	0.0011	0.0050	mg/l		6010B	11/09/08	1
Beryllium	U	0.00075	0.0020	mg/l		6010B	11/09/08	1
Cadmium	0.0016	0.00074	0.0050	mg/l	J	6010B	11/09/08	1
Chromium	0.014	0.0020	0.010	mg/l		6010B	11/09/08	1
Copper	0.068	0.0060	0.020	mg/l		6010B	11/09/08	1
Lead	0.13	0.0019	0.0050	mg/l		6010B	11/09/08	1
Nickel	0.011	0.0098	0.020	mg/l	J	6010B	11/09/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/09/08	1
Silver	U	0.0032	0.010	mg/l		6010B	11/09/08	1
Zinc	0.30	0.0088	0.030	mg/l		6010B	11/09/08	1
Volatile Organics								
Acetone	0.024	0.0089	0.050	mg/l	J	8260B	11/02/08	1
Acrolein	U	0.014	0.050	mg/l	J4	8260B	11/02/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/02/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/02/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/02/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/02/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/02/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l		8260B	11/02/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/02/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/02/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/02/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/02/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/02/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/10/08 14:04 Printed: 11/10/08 14:04

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-01

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:55

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/02/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/02/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/02/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/02/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/02/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/02/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/02/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Tetrachloroethene	0.00068	0.00029	0.0010	mg/l	J	8260B	11/02/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/02/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/02/08	1
Surrogate Recovery								
Toluene-d8	95.4			% Rec.		8260B	11/02/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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Est. 1970

REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-01

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:55

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	99.8			% Rec.		8260B	11/02/08	1
4-Bromofluorobenzene	101.			% Rec.		8260B	11/02/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	107.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Acenaphthene	0.000064	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Acenaphthylene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(a)anthracene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(a)pyrene	0.000034	0.000028	0.000057	mg/l	J	8270C-S	11/05/08	1.14
Benzo(b)fluoranthene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(g,h,i)perylene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(k)fluoranthene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Chrysene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Dibenz(a,h)anthracene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Fluoranthene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Fluorene	0.000082	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Indeno(1,2,3-cd)pyrene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Naphthalene	U	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
Phenanthrene	0.00011	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Pyrene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
1-Methylnaphthalene	U	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
2-Methylnaphthalene	U	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
Surrogate Recovery								
Nitrobenzene-d5	73.7			% Rec.		8270C-S	11/05/08	1.14
2-Fluorobiphenyl	75.7			% Rec.		8270C-S	11/05/08	1.14
p-Terphenyl-d14	80.2			% Rec.		8270C-S	11/05/08	1.14
Polychlorinated Biphenyls								
PCB 1016	U	0.000085	0.00055	mg/l		8082	11/04/08	1.1
PCB 1221	U	0.00018	0.00055	mg/l		8082	11/04/08	1.1
PCB 1232	U	0.00019	0.00055	mg/l		8082	11/04/08	1.1
PCB 1242	U	0.00011	0.00055	mg/l		8082	11/04/08	1.1
PCB 1248	U	0.000043	0.00055	mg/l		8082	11/04/08	1.1
PCB 1254	U	0.00013	0.00055	mg/l		8082	11/04/08	1.1
PCB 1260	U	0.00017	0.00055	mg/l		8082	11/04/08	1.1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-01

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:55

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	50.0			% Rec.		8082	11/04/08	1.1
Tetrachloro-m-xylene	35.0			% Rec.		8082	11/04/08	1.1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-02

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 11:48

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0028	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.015	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.000060	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	0.24	0.0011	0.0050	mg/l		6010B	11/08/08	1
Beryllium	U	0.00075	0.0020	mg/l		6010B	11/08/08	1
Cadmium	0.0010	0.00074	0.0050	mg/l	J	6010B	11/08/08	1
Chromium	0.0025	0.0020	0.010	mg/l	J	6010B	11/08/08	1
Copper	0.013	0.0060	0.020	mg/l	J	6010B	11/08/08	1
Lead	0.033	0.0019	0.0050	mg/l		6010B	11/08/08	1
Nickel	U	0.0098	0.020	mg/l		6010B	11/08/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/08/08	1
Silver	U	0.0032	0.010	mg/l		6010B	11/08/08	1
Zinc	0.12	0.0088	0.030	mg/l		6010B	11/08/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/02/08	1
Acrolein	U	0.014	0.050	mg/l	J4J3	8260B	11/02/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/02/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/02/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/02/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/02/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/02/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l	J3	8260B	11/02/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/02/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/02/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/02/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/02/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/02/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-02

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 11:48

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/02/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/02/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/02/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/02/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/02/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/02/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/02/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/02/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/02/08	1
Surrogate Recovery								
Toluene-d8	95.4			% Rec.		8260B	11/02/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-02

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 11:48

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	99.7			% Rec.		8260B	11/02/08	1
4-Bromofluorobenzene	99.5			% Rec.		8260B	11/02/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	111.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Acenaphthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Acenaphthylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)pyrene	0.000030	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
Benzo(b)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(g,h,i)perylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(k)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Chrysene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Dibenz(a,h)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Fluorene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Indeno(1,2,3-cd)pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Naphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Phenanthrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Pyrene	0.000060	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
1-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
2-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Surrogate Recovery								
Nitrobenzene-d5	69.3			% Rec.		8270C-S	11/05/08	1
2-Fluorobiphenyl	72.6			% Rec.		8270C-S	11/05/08	1
p-Terphenyl-d14	85.4			% Rec.		8270C-S	11/05/08	1
Polychlorinated Biphenyls								
PCB 1016	U	0.000085	0.00055	mg/l		8082	11/07/08	1.1
PCB 1221	U	0.00018	0.00055	mg/l		8082	11/07/08	1.1
PCB 1232	U	0.00019	0.00055	mg/l		8082	11/07/08	1.1
PCB 1242	U	0.00011	0.00055	mg/l		8082	11/07/08	1.1
PCB 1248	U	0.000043	0.00055	mg/l		8082	11/07/08	1.1
PCB 1254	U	0.00013	0.00055	mg/l		8082	11/07/08	1.1
PCB 1260	U	0.00017	0.00055	mg/l		8082	11/07/08	1.1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-02

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 11:48

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	55.0			% Rec.		8082	11/07/08	1.1
Tetrachloro-m-xylene	40.0			% Rec.		8082	11/07/08	1.1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-03

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:15

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0049	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.015	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.00029	0.000044	0.00020	mg/l		7470A	11/06/08	1
Barium	0.64	0.0011	0.0050	mg/l		6010B	11/08/08	1
Beryllium	0.0011	0.00075	0.0020	mg/l	J	6010B	11/08/08	1
Cadmium	0.0050	0.00074	0.0050	mg/l	J	6010B	11/08/08	1
Chromium	0.063	0.0020	0.010	mg/l		6010B	11/08/08	1
Copper	0.12	0.0060	0.020	mg/l		6010B	11/08/08	1
Lead	0.33	0.0019	0.0050	mg/l		6010B	11/08/08	1
Nickel	0.036	0.0098	0.020	mg/l		6010B	11/08/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/08/08	1
Silver	0.0050	0.0032	0.010	mg/l	J	6010B	11/08/08	1
Zinc	0.45	0.0088	0.030	mg/l		6010B	11/08/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/02/08	1
Acrolein	U	0.014	0.050	mg/l	J4J3	8260B	11/02/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/02/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/02/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/02/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/02/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/02/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l	J3	8260B	11/02/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/02/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/02/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/02/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/02/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/02/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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Est. 1970

REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-03

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:15

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/02/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/02/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/02/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/02/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/02/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/02/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/02/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/02/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/02/08	1
Surrogate Recovery								
Toluene-d8	95.6			% Rec.		8260B	11/02/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-03

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:15

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	100.			% Rec.		8260B	11/02/08	1
4-Bromofluorobenzene	99.8			% Rec.		8260B	11/02/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	108.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.00014	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Acenaphthene	0.0039	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Acenaphthylene	0.00011	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Benzo(a)anthracene	0.000055	0.000038	0.000077	mg/l	J	8270C-S	11/05/08	1.54
Benzo(a)pyrene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Benzo(b)fluoranthene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Benzo(g,h,i)perylene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Benzo(k)fluoranthene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Chrysene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Dibenz(a,h)anthracene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Fluoranthene	0.00060	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Fluorene	0.00070	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Indeno(1,2,3-cd)pyrene	U	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Naphthalene	U	0.00019	0.00039	mg/l		8270C-S	11/05/08	1.54
Phenanthrene	0.00012	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
Pyrene	0.00035	0.000038	0.000077	mg/l		8270C-S	11/05/08	1.54
1-Methylnaphthalene	U	0.00019	0.00039	mg/l		8270C-S	11/05/08	1.54
2-Methylnaphthalene	U	0.00019	0.00039	mg/l		8270C-S	11/05/08	1.54
Surrogate Recovery								
Nitrobenzene-d5	73.1			% Rec.		8270C-S	11/05/08	1.54
2-Fluorobiphenyl	78.0			% Rec.		8270C-S	11/05/08	1.54
p-Terphenyl-d14	85.2			% Rec.		8270C-S	11/05/08	1.54
Polychlorinated Biphenyls								
PCB 1016	U	0.00019	0.0013	mg/l		8082	11/04/08	2.5
PCB 1221	U	0.00041	0.0013	mg/l		8082	11/04/08	2.5
PCB 1232	U	0.00044	0.0013	mg/l		8082	11/04/08	2.5
PCB 1242	U	0.00025	0.0013	mg/l		8082	11/04/08	2.5
PCB 1248	U	0.000098	0.0013	mg/l		8082	11/04/08	2.5
PCB 1254	U	0.00030	0.0013	mg/l		8082	11/04/08	2.5
PCB 1260	U	0.00039	0.0013	mg/l		8082	11/04/08	2.5

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-03

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 12:15

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	130.			% Rec.	J1	8082	11/04/08	2.5
Tetrachloro-m-xylene	95.0			% Rec.		8082	11/04/08	2.5

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-04

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-4S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 13:40

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0018	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.012	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.000090	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	1.2	0.0011	0.0050	mg/l		6010B	11/08/08	1
Beryllium	0.0021	0.00075	0.0020	mg/l		6010B	11/08/08	1
Cadmium	0.0045	0.00074	0.0050	mg/l	J	6010B	11/08/08	1
Chromium	0.057	0.0020	0.010	mg/l		6010B	11/08/08	1
Copper	0.027	0.0060	0.020	mg/l		6010B	11/08/08	1
Lead	0.057	0.0019	0.0050	mg/l		6010B	11/08/08	1
Nickel	0.033	0.0098	0.020	mg/l		6010B	11/08/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/08/08	1
Silver	0.0042	0.0032	0.010	mg/l	J	6010B	11/08/08	1
Zinc	0.20	0.0088	0.030	mg/l		6010B	11/08/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/02/08	1
Acrolein	U	0.014	0.050	mg/l	J4J3	8260B	11/02/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/02/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/02/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/02/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/02/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/02/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l	J3	8260B	11/02/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/02/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/02/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/02/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/02/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/02/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1

U = ND (Not Detected)
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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-04

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-4S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 13:40

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/02/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/02/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/02/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/02/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/02/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/02/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/02/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/02/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/02/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/02/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/02/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/02/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/02/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/02/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/02/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/02/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/02/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/02/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/02/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/02/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/02/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/02/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/02/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/02/08	1
Surrogate Recovery								
Toluene-d8	95.7			% Rec.		8260B	11/02/08	1

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Est. 1970

REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-04

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-4S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 13:40

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	100.			% Rec.		8260B	11/02/08	1
4-Bromofluorobenzene	101.			% Rec.		8260B	11/02/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	106.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Acenaphthene	0.000058	0.000031	0.000063	mg/l	J	8270C-S	11/05/08	1.25
Acenaphthylene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Benzo(a)anthracene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Benzo(a)pyrene	0.000038	0.000031	0.000063	mg/l	J	8270C-S	11/05/08	1.25
Benzo(b)fluoranthene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Benzo(g,h,i)perylene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Benzo(k)fluoranthene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Chrysene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Dibenz(a,h)anthracene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Fluoranthene	0.000032	0.000031	0.000063	mg/l	J	8270C-S	11/05/08	1.25
Fluorene	0.000043	0.000031	0.000063	mg/l	J	8270C-S	11/05/08	1.25
Indeno(1,2,3-cd)pyrene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Naphthalene	U	0.00016	0.00031	mg/l		8270C-S	11/05/08	1.25
Phenanthrene	0.000087	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
Pyrene	U	0.000031	0.000063	mg/l		8270C-S	11/05/08	1.25
1-Methylnaphthalene	U	0.00016	0.00031	mg/l		8270C-S	11/05/08	1.25
2-Methylnaphthalene	U	0.00016	0.00031	mg/l		8270C-S	11/05/08	1.25
Surrogate Recovery								
Nitrobenzene-d5	64.3			% Rec.		8270C-S	11/05/08	1.25
2-Fluorobiphenyl	71.8			% Rec.		8270C-S	11/05/08	1.25
p-Terphenyl-d14	84.2			% Rec.		8270C-S	11/05/08	1.25
Polychlorinated Biphenyls								
PCB 1016	U	0.00015	0.0010	mg/l		8082	11/04/08	2
PCB 1221	U	0.00033	0.0010	mg/l		8082	11/04/08	2
PCB 1232	U	0.00035	0.0010	mg/l		8082	11/04/08	2
PCB 1242	U	0.00020	0.0010	mg/l		8082	11/04/08	2
PCB 1248	U	0.000078	0.0010	mg/l		8082	11/04/08	2
PCB 1254	U	0.00024	0.0010	mg/l		8082	11/04/08	2
PCB 1260	U	0.00031	0.0010	mg/l		8082	11/04/08	2

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-04

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-4S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 13:40

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	85.0			% Rec.		8082	11/04/08	2
Tetrachloro-m-xylene	60.0			% Rec.		8082	11/04/08	2

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-05

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-5S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 14:30

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0015	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.0026	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.000050	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	0.34	0.0011	0.0050	mg/l		6010B	11/08/08	1
Beryllium	U	0.00075	0.0020	mg/l		6010B	11/08/08	1
Cadmium	U	0.00074	0.0050	mg/l		6010B	11/08/08	1
Chromium	U	0.0020	0.010	mg/l		6010B	11/08/08	1
Copper	U	0.0060	0.020	mg/l		6010B	11/08/08	1
Lead	0.0099	0.0019	0.0050	mg/l		6010B	11/08/08	1
Nickel	U	0.0098	0.020	mg/l		6010B	11/08/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/08/08	1
Silver	0.0055	0.0032	0.010	mg/l	J	6010B	11/08/08	1
Zinc	0.022	0.0088	0.030	mg/l	J	6010B	11/08/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/03/08	1
Acrolein	U	0.014	0.050	mg/l		8260B	11/03/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/03/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/03/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/03/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/03/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/03/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l		8260B	11/03/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/03/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/03/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/03/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/03/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/03/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-05

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-5S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 14:30

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/03/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/03/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/03/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/03/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/03/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/03/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/03/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/03/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/03/08	1
Surrogate Recovery								
Toluene-d8	97.5			% Rec.		8260B	11/03/08	1

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REPORT OF ANALYSIS

November 10, 2008

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Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-05

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-5S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 14:30

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	94.3			% Rec.		8260B	11/03/08	1
4-Bromofluorobenzene	97.1			% Rec.		8260B	11/03/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	108.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.000088	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Acenaphthene	0.00029	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Acenaphthylene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(a)anthracene	0.000074	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(a)pyrene	0.000042	0.000028	0.000057	mg/l	J	8270C-S	11/05/08	1.14
Benzo(b)fluoranthene	0.000062	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Benzo(g,h,i)perylene	0.000042	0.000028	0.000057	mg/l	J	8270C-S	11/05/08	1.14
Benzo(k)fluoranthene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Chrysene	0.000048	0.000028	0.000057	mg/l	J	8270C-S	11/05/08	1.14
Dibenz(a,h)anthracene	U	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Fluoranthene	0.00029	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Fluorene	0.00025	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Indeno(1,2,3-cd)pyrene	0.000034	0.000028	0.000057	mg/l	J	8270C-S	11/05/08	1.14
Naphthalene	0.00047	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
Phenanthrene	0.00032	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
Pyrene	0.00016	0.000028	0.000057	mg/l		8270C-S	11/05/08	1.14
1-Methylnaphthalene	U	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
2-Methylnaphthalene	U	0.00014	0.00029	mg/l		8270C-S	11/05/08	1.14
Surrogate Recovery								
Nitrobenzene-d5	75.1			% Rec.		8270C-S	11/05/08	1.14
2-Fluorobiphenyl	76.1			% Rec.		8270C-S	11/05/08	1.14
p-Terphenyl-d14	72.6			% Rec.		8270C-S	11/05/08	1.14
Polychlorinated Biphenyls								
PCB 1016	U	0.000085	0.00055	mg/l		8082	11/04/08	1.1
PCB 1221	U	0.00018	0.00055	mg/l		8082	11/04/08	1.1
PCB 1232	U	0.00019	0.00055	mg/l		8082	11/04/08	1.1
PCB 1242	U	0.00011	0.00055	mg/l		8082	11/04/08	1.1
PCB 1248	U	0.000043	0.00055	mg/l		8082	11/04/08	1.1
PCB 1254	U	0.00013	0.00055	mg/l		8082	11/04/08	1.1
PCB 1260	U	0.00017	0.00055	mg/l		8082	11/04/08	1.1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-05

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-5S

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 14:30

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	65.0			% Rec.		8082	11/04/08	1.1
Tetrachloro-m-xylene	30.0			% Rec.		8082	11/04/08	1.1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-06

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 13:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0016	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.010	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.00017	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	0.38	0.0011	0.0050	mg/l		6010B	11/09/08	1
Beryllium	0.0023	0.00075	0.0020	mg/l		6010B	11/09/08	1
Cadmium	0.0056	0.00074	0.0050	mg/l		6010B	11/09/08	1
Chromium	0.075	0.0020	0.010	mg/l		6010B	11/09/08	1
Copper	0.045	0.0060	0.020	mg/l		6010B	11/09/08	1
Lead	0.10	0.0019	0.0050	mg/l		6010B	11/09/08	1
Nickel	0.048	0.0098	0.020	mg/l		6010B	11/09/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/09/08	1
Silver	U	0.0032	0.010	mg/l		6010B	11/09/08	1
Zinc	0.18	0.0088	0.030	mg/l		6010B	11/09/08	1
Volatile Organics								
Acetone	0.019	0.0089	0.050	mg/l	J	8260B	11/05/08	1
Acrolein	U	0.014	0.050	mg/l		8260B	11/05/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/05/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/05/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/05/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/05/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/05/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/05/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/05/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/05/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/05/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/05/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/05/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/05/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l		8260B	11/05/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/05/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/05/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/05/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/05/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/05/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/05/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/05/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/05/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/05/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-06

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 13:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/05/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/05/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/05/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/05/08	1
cis-1,2-Dichloroethene	0.0013	0.00038	0.0010	mg/l		8260B	11/05/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/05/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/05/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/05/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/05/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/05/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/05/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/05/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/05/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/05/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/05/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/05/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/05/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/05/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/05/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/05/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/05/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/05/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
1,1,2-Trichloro-1,2,2-trifluoro	0.0019	0.00022	0.0010	mg/l		8260B	11/05/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/05/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/05/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/05/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/05/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/05/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/05/08	1
Trichloroethene	0.00042	0.00037	0.0010	mg/l	J	8260B	11/05/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/05/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/05/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/05/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/05/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/05/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/05/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/05/08	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	11/05/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-06

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 13:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	96.9			% Rec.		8260B	11/05/08	1
4-Bromofluorobenzene	98.8			% Rec.		8260B	11/05/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	12.	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	1.8	0.98	5.0	mg/l	J	TX 1005	11/05/08	1
TPH C6 - C35	13.	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	99.0			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Acenaphthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Acenaphthylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)pyrene	0.000029	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
Benzo(b)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(g,h,i)perylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(k)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Chrysene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Dibenz(a,h)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Fluorene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Indeno(1,2,3-cd)pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Naphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Phenanthrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
1-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
2-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Surrogate Recovery								
Nitrobenzene-d5	75.9			% Rec.		8270C-S	11/05/08	1
2-Fluorobiphenyl	77.6			% Rec.		8270C-S	11/05/08	1
p-Terphenyl-d14	87.7			% Rec.		8270C-S	11/05/08	1
Polychlorinated Biphenyls								
PCB 1016	U	0.000077	0.00050	mg/l		8082	11/03/08	1
PCB 1221	U	0.00016	0.00050	mg/l		8082	11/03/08	1
PCB 1232	U	0.00018	0.00050	mg/l		8082	11/03/08	1
PCB 1242	U	0.000099	0.00050	mg/l		8082	11/03/08	1
PCB 1248	U	0.000039	0.00050	mg/l		8082	11/03/08	1
PCB 1254	U	0.00012	0.00050	mg/l		8082	11/03/08	1
PCB 1260	U	0.00016	0.00050	mg/l	J3	8082	11/03/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-06

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 13:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	45.0			% Rec.		8082	11/03/08	1
Tetrachloro-m-xylene	65.0			% Rec.		8082	11/03/08	1

U = ND (Not Detected)
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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-07

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 14:35

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0079	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.026	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.00076	0.000044	0.00020	mg/l		7470A	11/06/08	1
Barium	3.3	0.0011	0.0050	mg/l		6010B	11/09/08	1
Beryllium	0.013	0.00075	0.0020	mg/l		6010B	11/09/08	1
Cadmium	0.029	0.00074	0.0050	mg/l		6010B	11/09/08	1
Chromium	0.42	0.0020	0.010	mg/l		6010B	11/09/08	1
Copper	0.57	0.0060	0.020	mg/l		6010B	11/09/08	1
Lead	2.1	0.0019	0.0050	mg/l		6010B	11/09/08	1
Nickel	0.33	0.0098	0.020	mg/l		6010B	11/09/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/09/08	1
Silver	U	0.0032	0.010	mg/l		6010B	11/09/08	1
Zinc	3.9	0.0088	0.030	mg/l		6010B	11/09/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/03/08	1
Acrolein	U	0.014	0.050	mg/l		8260B	11/03/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/03/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/03/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/03/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/03/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/03/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l		8260B	11/03/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/03/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/03/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/03/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/03/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/03/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1

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(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-07

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 14:35

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/03/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/03/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/03/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/03/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/03/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/03/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/03/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/03/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/03/08	1
Surrogate Recovery								
Toluene-d8	95.2			% Rec.		8260B	11/03/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-07

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 14:35

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	95.0			% Rec.		8260B	11/03/08	1
4-Bromofluorobenzene	96.3			% Rec.		8260B	11/03/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	104.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Acenaphthene	0.000038	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
Acenaphthylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(a)pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(b)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(g,h,i)perylene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Benzo(k)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Chrysene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Dibenz(a,h)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Fluoranthene	0.000034	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
Fluorene	0.000034	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
Indeno(1,2,3-cd)pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Naphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Phenanthrene	0.000080	0.000025	0.000050	mg/l		8270C-S	11/05/08	1
Pyrene	0.000044	0.000025	0.000050	mg/l	J	8270C-S	11/05/08	1
1-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
2-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/05/08	1
Surrogate Recovery								
Nitrobenzene-d5	69.9			% Rec.		8270C-S	11/05/08	1
2-Fluorobiphenyl	76.7			% Rec.		8270C-S	11/05/08	1
p-Terphenyl-d14	79.7			% Rec.		8270C-S	11/05/08	1
Polychlorinated Biphenyls								
PCB 1016	U	0.000077	0.00050	mg/l		8082	11/03/08	1
PCB 1221	U	0.00016	0.00050	mg/l		8082	11/03/08	1
PCB 1232	U	0.00018	0.00050	mg/l		8082	11/03/08	1
PCB 1242	U	0.000099	0.00050	mg/l		8082	11/03/08	1
PCB 1248	U	0.000039	0.00050	mg/l		8082	11/03/08	1
PCB 1254	U	0.00012	0.00050	mg/l		8082	11/03/08	1
PCB 1260	U	0.00016	0.00050	mg/l	J3	8082	11/03/08	1

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November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-07

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-2D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 14:35

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	25.0			% Rec.		8082	11/03/08	1
Tetrachloro-m-xylene	50.0			% Rec.		8082	11/03/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-08

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 10:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.0012	0.00029	0.0010	mg/l		6020	11/05/08	1
Arsenic	0.0081	0.00022	0.0010	mg/l		6020	11/05/08	1
Mercury	0.000070	0.000044	0.00020	mg/l	J	7470A	11/06/08	1
Barium	0.22	0.0011	0.0050	mg/l		6010B	11/09/08	1
Beryllium	U	0.00075	0.0020	mg/l		6010B	11/09/08	1
Cadmium	0.0013	0.00074	0.0050	mg/l	J	6010B	11/09/08	1
Chromium	0.011	0.0020	0.010	mg/l		6010B	11/09/08	1
Copper	U	0.0060	0.020	mg/l		6010B	11/09/08	1
Lead	0.025	0.0019	0.0050	mg/l		6010B	11/09/08	1
Nickel	U	0.0098	0.020	mg/l		6010B	11/09/08	1
Selenium	U	0.0065	0.020	mg/l		6010B	11/09/08	1
Silver	U	0.0032	0.010	mg/l		6010B	11/09/08	1
Zinc	0.042	0.0088	0.030	mg/l		6010B	11/09/08	1
Volatile Organics								
Acetone	U	0.0089	0.050	mg/l		8260B	11/03/08	1
Acrolein	U	0.014	0.050	mg/l		8260B	11/03/08	1
Acrylonitrile	U	0.0017	0.010	mg/l		8260B	11/03/08	1
Benzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Bromobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
Bromodichloromethane	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Bromoform	U	0.00051	0.0010	mg/l		8260B	11/03/08	1
Bromomethane	U	0.00089	0.0050	mg/l		8260B	11/03/08	1
n-Butylbenzene	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
sec-Butylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
tert-Butylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Carbon tetrachloride	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
Chlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
Chlorodibromomethane	U	0.00042	0.0010	mg/l		8260B	11/03/08	1
Chloroethane	U	0.00086	0.0050	mg/l		8260B	11/03/08	1
2-Chloroethyl vinyl ether	U	0.0014	0.050	mg/l		8260B	11/03/08	1
Chloroform	U	0.0050	0.0050	mg/l		8260B	11/03/08	1
Chloromethane	U	0.00025	0.0025	mg/l		8260B	11/03/08	1
2-Chlorotoluene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
4-Chlorotoluene	U	0.00016	0.0010	mg/l		8260B	11/03/08	1
1,2-Dibromo-3-Chloropropane	U	0.00048	0.0050	mg/l		8260B	11/03/08	1
1,2-Dibromoethane	U	0.00048	0.0010	mg/l		8260B	11/03/08	1
Dibromomethane	U	0.00028	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichlorobenzene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichlorobenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
1,4-Dichlorobenzene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1

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REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-08

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 10:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dichlorodifluoromethane	U	0.00054	0.0050	mg/l		8260B	11/03/08	1
1,1-Dichloroethane	U	0.00031	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloroethene	U	0.00050	0.0010	mg/l		8260B	11/03/08	1
cis-1,2-Dichloroethene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
trans-1,2-Dichloroethene	U	0.00030	0.0010	mg/l		8260B	11/03/08	1
1,2-Dichloropropane	U	0.00052	0.0010	mg/l		8260B	11/03/08	1
1,1-Dichloropropene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3-Dichloropropane	U	0.00023	0.0010	mg/l		8260B	11/03/08	1
cis-1,3-Dichloropropene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
trans-1,3-Dichloropropene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
2,2-Dichloropropane	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Di-isopropyl ether	U	0.00025	0.0010	mg/l		8260B	11/03/08	1
Ethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Hexachloro-1,3-butadiene	U	0.00049	0.0010	mg/l		8260B	11/03/08	1
Isopropylbenzene	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
p-Isopropyltoluene	U	0.00021	0.0010	mg/l		8260B	11/03/08	1
2-Butanone (MEK)	U	0.0045	0.010	mg/l		8260B	11/03/08	1
Methylene Chloride	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.010	mg/l		8260B	11/03/08	1
Methyl tert-butyl ether	U	0.00019	0.0010	mg/l		8260B	11/03/08	1
Naphthalene	U	0.0040	0.0050	mg/l		8260B	11/03/08	1
n-Propylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Styrene	U	0.00038	0.0010	mg/l		8260B	11/03/08	1
1,1,1,2-Tetrachloroethane	U	0.00040	0.0010	mg/l		8260B	11/03/08	1
1,1,2,2-Tetrachloroethane	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
Tetrachloroethene	U	0.00029	0.0010	mg/l		8260B	11/03/08	1
Toluene	U	0.00027	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichlorobenzene	U	0.00024	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trichlorobenzene	U	0.00026	0.0010	mg/l		8260B	11/03/08	1
1,1,1-Trichloroethane	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
1,1,2-Trichloroethane	U	0.00045	0.0010	mg/l		8260B	11/03/08	1
Trichloroethene	U	0.00037	0.0010	mg/l		8260B	11/03/08	1
Trichlorofluoromethane	U	0.00029	0.0050	mg/l		8260B	11/03/08	1
1,2,3-Trichloropropane	U	0.00036	0.0010	mg/l		8260B	11/03/08	1
1,2,4-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
1,2,3-Trimethylbenzene	U	0.00022	0.0010	mg/l		8260B	11/03/08	1
1,3,5-Trimethylbenzene	U	0.00020	0.0010	mg/l		8260B	11/03/08	1
Vinyl chloride	U	0.00027	0.0010	mg/l		8260B	11/03/08	1
Xylenes, Total	U	0.00086	0.0030	mg/l		8260B	11/03/08	1
Surrogate Recovery								
Toluene-d8	96.6			% Rec.		8260B	11/03/08	1

U = ND (Not Detected)
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Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Dibromofluoromethane	95.1			% Rec.		8260B	11/03/08	1
4-Bromofluorobenzene	97.0			% Rec.		8260B	11/03/08	1
TNRCC Method 1005 - TPH								
TPH C6 - C12	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C12 - C28	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C28 - C35	U	0.98	5.0	mg/l		TX 1005	11/05/08	1
TPH C6 - C35	U	1.6	5.0	mg/l		TX 1005	11/05/08	1
Surrogate Recovery								
o-Terphenyl	106.			% Rec.		TX 1005	11/05/08	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.000042	0.000025	0.000050	mg/l	J	8270C-S	11/06/08	1
Acenaphthene	0.000043	0.000025	0.000050	mg/l	J	8270C-S	11/06/08	1
Acenaphthylene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Benzo(a)anthracene	0.000026	0.000025	0.000050	mg/l	J	8270C-S	11/06/08	1
Benzo(a)pyrene	0.000030	0.000025	0.000050	mg/l	J	8270C-S	11/06/08	1
Benzo(b)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Benzo(g,h,i)perylene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Benzo(k)fluoranthene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Chrysene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Dibenz(a,h)anthracene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Fluoranthene	0.000082	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Fluorene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Indeno(1,2,3-cd)pyrene	U	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
Naphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/06/08	1
Phenanthrene	0.000043	0.000025	0.000050	mg/l	J	8270C-S	11/06/08	1
Pyrene	0.000098	0.000025	0.000050	mg/l		8270C-S	11/06/08	1
1-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/06/08	1
2-Methylnaphthalene	U	0.00012	0.00025	mg/l		8270C-S	11/06/08	1
Surrogate Recovery								
Nitrobenzene-d5	73.4			% Rec.		8270C-S	11/06/08	1
2-Fluorobiphenyl	72.3			% Rec.		8270C-S	11/06/08	1
p-Terphenyl-d14	82.4			% Rec.		8270C-S	11/06/08	1
Polychlorinated Biphenyls								
PCB 1016	U	0.000077	0.00050	mg/l		8082	11/04/08	1
PCB 1221	U	0.00016	0.00050	mg/l		8082	11/04/08	1
PCB 1232	U	0.00018	0.00050	mg/l		8082	11/04/08	1
PCB 1242	U	0.000099	0.00050	mg/l		8082	11/04/08	1
PCB 1248	U	0.000039	0.00050	mg/l		8082	11/04/08	1
PCB 1254	U	0.00012	0.00050	mg/l		8082	11/04/08	1
PCB 1260	U	0.00016	0.00050	mg/l		8082	11/04/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/10/08 14:04 Printed: 11/10/08 14:05

ENVIRONMENTAL
SCIENCE CORP.

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

November 10, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L372815-08

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-3D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/31/08 10:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
PCBs Surrogates								
Decachlorobiphenyl	45.0			% Rec.		8082	11/04/08	1
Tetrachloro-m-xylene	30.0			% Rec.		8082	11/04/08	1

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/10/08 14:04 Printed: 11/10/08 14:05

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L372815-01	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG391737	SAMP	Acetone	R527033	J
	WG391737	SAMP	Acrolein	R527033	J4
	WG391737	SAMP	Tetrachloroethene	R527033	J
	WG392192	SAMP	Cadmium	R530612	J
	WG392192	SAMP	Nickel	R530612	J
	WG391779	SAMP	Mercury	R530942	J
L372815-02	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG391737	SAMP	Acrolein	R527033	J4J3
	WG391737	SAMP	2-Chloroethyl vinyl ether	R527033	J3
	WG392192	SAMP	Cadmium	R530611	J
	WG392192	SAMP	Chromium	R530611	J
	WG392192	SAMP	Copper	R530611	J
	WG391779	SAMP	Mercury	R530942	J
L372815-03	WG391829	SAMP	Decachlorobiphenyl	R527806	J1
	WG391831	SAMP	Benzo(a)anthracene	R528727	J
	WG391737	SAMP	Acrolein	R527033	J4J3
	WG391737	SAMP	2-Chloroethyl vinyl ether	R527033	J3
	WG392192	SAMP	Beryllium	R530611	J
	WG392192	SAMP	Cadmium	R530611	J
	WG392192	SAMP	Silver	R530611	J
L372815-04	WG391831	SAMP	Acenaphthene	R528727	J
	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG391831	SAMP	Fluoranthene	R528727	J
	WG391831	SAMP	Fluorene	R528727	J
	WG391737	SAMP	Acrolein	R527033	J4J3
	WG391737	SAMP	2-Chloroethyl vinyl ether	R527033	J3
	WG392192	SAMP	Cadmium	R530611	J
	WG392192	SAMP	Silver	R530611	J
	WG391779	SAMP	Mercury	R530942	J
L372815-05	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG391831	SAMP	Benzo(g,h,i)perylene	R528727	J
	WG391831	SAMP	Chrysene	R528727	J
	WG391831	SAMP	Indeno(1,2,3-cd)pyrene	R528727	J
	WG392192	SAMP	Silver	R530611	J
	WG392192	SAMP	Zinc	R530611	J
	WG391779	SAMP	Mercury	R530942	J
L372815-06	WG391767	SAMP	PCB 1260	R527247	J3
	WG391791	SAMP	TPH C28 - C35	R528615	J
	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG392107	SAMP	Acetone	R528166	J
	WG392107	SAMP	Trichloroethene	R528166	J
	WG391779	SAMP	Mercury	R530942	J
L372815-07	WG391767	SAMP	PCB 1260	R527247	J3
	WG391831	SAMP	Acenaphthene	R528727	J
	WG391831	SAMP	Fluoranthene	R528727	J
	WG391831	SAMP	Fluorene	R528727	J
	WG391831	SAMP	Pyrene	R528727	J
L372815-08	WG391831	SAMP	Anthracene	R528727	J
	WG391831	SAMP	Acenaphthene	R528727	J
	WG391831	SAMP	Benzo(a)anthracene	R528727	J
	WG391831	SAMP	Benzo(a)pyrene	R528727	J
	WG391831	SAMP	Phenanthrene	R528727	J
	WG392192	SAMP	Cadmium	R530611	J
	WG391780	SAMP	Mercury	R530941	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/10/08 at 14:05:16

TSR Signing Reports: 134
R5 - Desired TAT

Client wants pH reported on all SS requesting metals per JB Arsenic H2O log method 6020

Sample: L372815-01 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-02 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-03 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-04 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-05 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-06 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-07 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Sample: L372815-08 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/07/08 00:00 RPT Date: 11/10/08 14:04

Environmental Science Corporation

Quality Control Summary

Envirotest

L372815

Test: **Mercury by Method 7470A**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -02, -01, -06, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/6/2008 2:51:00 PM
Instrument ID: CVAA3
Analyst: 429
Analytic Batch: WG391779

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Mercury		<0.0002	<0.00004

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Mercury	0.0030	0.0030	101	85 - 115	

Environmental Science Corporation

Quality Control Summary

Envirotest

L372815

Test: **Mercury by Method 7470A**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-08, -07
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/6/2008 1:42:00 PM
Instrument ID: CVAA3
Analyst: 429
Analytic Batch: WG391780

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Mercury		<0.0002	<0.00004

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Mercury	0.0030	0.0030	99.7	85 - 115	

Environmental Science Corporation

Quality Control Summary

Envirotest

L372815

Test: **Mercury by Method 7470A**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -02, -01, -06, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/6/2008 2:51:00 PM
Instrument ID: CVAA3
Analyst: 429
Analytic Batch: WG391779

EPA ID: TN00003

Sample Duplicate

L372648-05

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Mercury	0.0000	0.0000			

Matrix Spike/Matrix Spike Duplicate

L372648-05

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Mercury	0.0030	0.0000	0.0027	89.7	0.0028	93.0	70-130		3.6	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Mercury by Method 7470A** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-08, -07
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/6/2008 1:42:00 PM
Instrument ID: CVAA3
Analyst: 429
Analytic Batch: WG391780 EPA ID: TN00003

Sample Duplicate

L372623-01

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Mercury	0.0000	0.0000			

Matrix Spike/Matrix Spike Duplicate

L372623-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Mercury	0.0030	0.0000	0.0024	81.0	0.0025	83.7	70-130		3.2	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

L372815

Test: **Trace Metals by Method 6010B**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -06, -07, -08, -04, -05, -03
Sample Date: 10/31/2008
Extraction Date: 11/5/2008
Analysis Date: 11/8/2008
Instrument ID: ICP7
Analyst: 438
Analytic Batch: WG392192

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Barium	7440-39-3	<0.00500	<0.00107
Beryllium	7440-41-7	<0.00200	<0.000750
Cadmium	7440-43-9	<0.00500	<0.000740
Chromium	7440-47-3	<0.0100	<0.00197
Copper	7440-50-8	<0.0200	<0.00600
Lead	7439-92-1	<0.00500	<0.00191
Nickel	7440-02-0	<0.0200	<0.00984
Selenium	7782-49-2	<0.0200	0.0179
Silver	7440-22-4	<0.0100	0.00560
Zinc	7440-66-6	<0.0300	<0.00880

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6010B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -06, -07, -08, -04, -05, -03
Sample Date: 10/31/2008
Extraction Date: 11/5/2008
Analysis Date: 11/8/2008
Instrument ID: ICP7
Analyst: 438
Analytic Batch: WG392192 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Barium	1.13	1.13	100	85 - 115	
Beryllium	1.13	1.12	99.1	85 - 115	
Cadmium	1.13	1.15	102	85 - 115	
Chromium	1.13	1.12	99.1	85 - 115	
Copper	1.13	1.07	94.7	85 - 115	
Lead	1.13	1.19	105	85 - 115	
Nickel	1.13	1.11	98.2	85 - 115	
Selenium	1.13	1.08	95.6	85 - 115	
Silver	1.13	1.09	96.5	85 - 115	
Zinc	1.13	1.09	96.5	85 - 115	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6010B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -06, -07, -08, -04, -05, -03
Sample Date: 10/31/2008
Extraction Date: 11/5/2008
Analysis Date: 11/8/2008
Instrument ID: ICP7
Analyst: 438
Analytic Batch: WG392192 EPA ID: TN00003

Sample Duplicate

L372863-10

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Barium	0.0331	0.0330	0.3	20	
Beryllium	0.00000	0.00000			
Cadmium	0.00000	0.00000			
Chromium	0.00000	0.00000			
Copper	0.00000	0.00000			
Lead	0.00876	0.00790	10	20	
Nickel	0.00000	0.00000			
Selenium	0.00000	0.00000			
Silver	0.0162	0.00000			
Zinc	0.00000	0.00000			

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6010B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -06, -07, -08, -04, -05, -03
Sample Date: 10/31/2008
Extraction Date: 11/5/2008
Analysis Date: 11/8/2008
Instrument ID: ICP7
Analyst: 438
Analytic Batch: WG392192 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372863-10

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Barium	1.13	0.0330	1.18	102	1.13	97.1	75-125		4.3	20	
Beryllium	1.13	0.00000	1.12	99.1	1.12	99.1	75-125		0.0	20	
Cadmium	1.13	0.00000	1.17	104	1.13	100	75-125		3.5	20	
Chromium	1.13	0.00000	1.13	100	1.09	96.5	75-125		3.6	20	
Copper	1.13	0.00000	1.19	105	1.14	101	75-125		4.3	20	
Lead	1.13	0.00000	1.17	104	1.14	101	75-125		2.6	20	
Nickel	1.13	0.00000	1.14	101	1.13	100	75-125		0.9	20	
Selenium	1.13	0.00000	1.11	98.2	1.08	95.6	75-125		2.7	20	
Silver	1.13	0.00000	0.227	20.1	0.240	21.2	75-125	J6	5.6	20	
Zinc	1.13	0.00000	1.17	104	1.13	100	75-125		3.5	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6020** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-04, -06, -01, -05, -07, -03, -02, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008
Instrument ID: ICPMS3
Analyst: 338
Analytic Batch: WG391996 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Antimony	7440-36-0	<0.00100	0.000640
Arsenic	7440-38-2	<0.00100	0.000740

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Antimony	0.0567	0.0604	107	85 - 115	
Arsenic	0.0567	0.0551	97.2	85 - 115	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6020** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-04, -06, -01, -05, -07, -03, -02, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008
Instrument ID: ICPMS3
Analyst: 338
Analytic Batch: WG391996 EPA ID: TN00003

Sample Duplicate

L372863-01

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Antimony	0.00138	0.00110	23	20	J3
Arsenic	0.00103	0.00100	3.0	20	

Matrix Spike/Matrix Spike Duplicate

L372863-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Antimony	0.0567	0.00110	0.0643	111	0.0648	112	75-125		0.8	20	
Arsenic	0.0567	0.00100	0.0575	99.6	0.0583	101	75-125		1.4	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Trace Metals by Method 6020** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-04, -06, -01, -05, -07, -03, -02, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008
Instrument ID: ICPMS3
Analyst: 338
Analytic Batch: WG391996 EPA ID: TN00003

Sample Duplicate

L372863-01

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Antimony	0.00138	0.00110	23	20	J3
Arsenic	0.00103	0.00100	3.0	20	

Matrix Spike/Matrix Spike Duplicate

L372863-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Antimony	0.0567	0.00110	0.0643	111	0.0648	112	75-125		0.8	20	
Arsenic	0.0567	0.00100	0.0575	99.6	0.0583	101	75-125		1.4	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1,1,1,2-Tetrachloroethane	630-20-6	<0.001	<0.0003
1,1,1-Trichloroethane	71-55-6	<0.001	<0.0003
1,1,2,2-Tetrachloroethane	79-34-5	<0.001	<0.0003
1,1,2-Trichloroethane	79-00-5	<0.001	<0.0003
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	<0.001	<0.0003
1,1-Dichloroethane	75-34-3	<0.001	<0.0003
1,1-Dichloroethene	75-35-4	<0.001	<0.0003
1,1-Dichloropropene	563-58-6	<0.001	<0.0003
1,2,3-Trichlorobenzene	87-61-6	<0.001	<0.0003
1,2,3-Trichloropropane	96-18-4	<0.001	<0.0003
1,2,3-Trimethylbenzene	526-73-8	<0.001	<0.0003
1,2,4-Trichlorobenzene	120-82-1	<0.001	<0.0003
1,2,4-Trimethylbenzene	95-63-6	<0.001	<0.0003
1,2-Dibromo-3-Chloropropane	96-12-8	<0.005	<0.0016
1,2-Dibromoethane	106-93-4	<0.001	<0.0003
1,2-Dichlorobenzene	95-50-1	<0.001	<0.0003
1,2-Dichloroethane	107-06-2	<0.001	<0.0003
1,2-Dichloropropane	78-87-5	<0.001	<0.0003
1,3,5-Trimethylbenzene	108-67-8	<0.001	<0.0003
1,3-Dichlorobenzene	541-73-1	<0.001	<0.0003
1,3-Dichloropropane	142-28-9	<0.001	<0.0003
1,4-Dichlorobenzene	106-46-7	<0.001	<0.0003
2,2-Dichloropropane	594-20-7	<0.001	<0.0003
2-Butanone (MEK)	78-93-3	<0.010	<0.0033
2-Chloroethyl vinyl ether	110-75-8	<0.001	<0.0003
2-Chlorotoluene	95-49-8	<0.001	<0.0003
4-Chlorotoluene	106-43-4	<0.001	<0.0003
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.010	<0.0033
Acetone	67-64-1	<0.050	<0.0165
Acrolein	107-02-8	<0.050	<0.0165
Acrylonitrile	107-13-1	<0.010	<0.0033
Benzene	71-43-2	<0.001	<0.0003
Bromobenzene	108-86-1	<0.001	<0.0003
Bromodichloromethane	75-27-4	<0.001	<0.0003

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Bromoform	75-25-2	<0.001	<0.0003
Bromomethane	74-83-9	<0.005	<0.0016
Carbon tetrachloride	56-23-5	<0.001	<0.0003
Chlorobenzene	108-90-7	<0.001	<0.0003
Chlorodibromomethane	124-48-1	<0.001	<0.0003
Chloroethane	75-00-3	<0.001	<0.0003
Chloroform	67-66-3	<0.005	<0.0016
Chloromethane	74-87-3	<0.001	<0.0003
cis-1,2-Dichloroethene	156-59-2	<0.001	<0.0003
cis-1,3-Dichloropropene	10061-01-5	<0.001	<0.0003
Di-isopropyl ether	108-20-3	<0.001	<0.0003
Dibromomethane	74-95-3	<0.001	<0.0003
Dichlorodifluoromethane	75-71-8	<0.005	<0.0016
Ethylbenzene	100-41-4	<0.001	<0.0003
Hexachloro-1,3-butadiene	87-68-3	<0.001	<0.0003
Isopropylbenzene	98-82-8	<0.001	<0.0003
Methyl tert-butyl ether	1634-04-4	<0.001	<0.0003
Methylene Chloride	75-09-2	<0.005	<0.0016
n-Butylbenzene	104-51-8	<0.001	<0.0003
n-Propylbenzene	103-65-1	<0.001	<0.0003
Naphthalene	91-20-3	<0.005	<0.0016
p-Isopropyltoluene	99-87-6	<0.001	<0.0003
sec-Butylbenzene	135-98-8	<0.001	<0.0003
Styrene	100-42-5	<0.001	<0.0003
tert-Butylbenzene	98-06-6	<0.001	<0.0003
Tetrachloroethene	127-18-4	<0.001	<0.0003
Toluene	108-88-3	<0.005	<0.0016
trans-1,2-Dichloroethene	156-60-5	<0.001	<0.0003
trans-1,3-Dichloropropene	10061-02-6	<0.001	<0.0003
Trichloroethene	79-01-6	<0.001	<0.0003
Trichlorofluoromethane	75-69-4	<0.005	<0.0016
Vinyl chloride	75-01-4	<0.001	<0.0003
Xylenes, Total	1330-20-7	<0.003	<0.0010

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1,1,1,2-Tetrachloroethane	630-20-6	<0.001	<0.0003
1,1,1-Trichloroethane	71-55-6	<0.001	<0.0003
1,1,2,2-Tetrachloroethane	79-34-5	<0.001	<0.0003
1,1,2-Trichloroethane	79-00-5	<0.001	<0.0003
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	<0.001	<0.0003
1,1-Dichloroethane	75-34-3	<0.001	<0.0003
1,1-Dichloroethene	75-35-4	<0.001	<0.0003
1,1-Dichloropropene	563-58-6	<0.001	<0.0003
1,2,3-Trichlorobenzene	87-61-6	<0.001	<0.0003
1,2,3-Trichloropropane	96-18-4	<0.001	<0.0003
1,2,3-Trimethylbenzene	526-73-8	<0.001	<0.0003
1,2,4-Trichlorobenzene	120-82-1	<0.001	<0.0003
1,2,4-Trimethylbenzene	95-63-6	<0.001	<0.0003
1,2-Dibromo-3-Chloropropane	96-12-8	<0.005	<0.0016
1,2-Dibromoethane	106-93-4	<0.001	<0.0003
1,2-Dichlorobenzene	95-50-1	<0.001	<0.0003
1,2-Dichloroethane	107-06-2	<0.001	<0.0003
1,2-Dichloropropane	78-87-5	<0.001	<0.0003
1,3,5-Trimethylbenzene	108-67-8	<0.001	<0.0003
1,3-Dichlorobenzene	541-73-1	<0.001	<0.0003
1,3-Dichloropropane	142-28-9	<0.001	<0.0003
1,4-Dichlorobenzene	106-46-7	<0.001	<0.0003
2,2-Dichloropropane	594-20-7	<0.001	<0.0003
2-Butanone (MEK)	78-93-3	<0.010	<0.0033
2-Chloroethyl vinyl ether	110-75-8	<0.001	<0.0003
2-Chlorotoluene	95-49-8	<0.001	<0.0003
4-Chlorotoluene	106-43-4	<0.001	<0.0003
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.010	<0.0033
Acetone	67-64-1	<0.050	<0.0165
Acrolein	107-02-8	<0.050	<0.0165
Acrylonitrile	107-13-1	<0.010	<0.0033
Benzene	71-43-2	<0.001	<0.0003
Bromobenzene	108-86-1	<0.001	<0.0003
Bromodichloromethane	75-27-4	<0.001	<0.0003

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Bromoform	75-25-2	<0.001	<0.0003
Bromomethane	74-83-9	<0.005	<0.0016
Carbon tetrachloride	56-23-5	<0.001	<0.0003
Chlorobenzene	108-90-7	<0.001	<0.0003
Chlorodibromomethane	124-48-1	<0.001	<0.0003
Chloroethane	75-00-3	<0.001	<0.0003
Chloroform	67-66-3	<0.005	<0.0016
Chloromethane	74-87-3	<0.001	<0.0003
cis-1,2-Dichloroethene	156-59-2	<0.001	<0.0003
cis-1,3-Dichloropropene	10061-01-5	<0.001	<0.0003
Di-isopropyl ether	108-20-3	<0.001	<0.0003
Dibromomethane	74-95-3	<0.001	<0.0003
Dichlorodifluoromethane	75-71-8	<0.005	<0.0016
Ethylbenzene	100-41-4	<0.001	<0.0003
Hexachloro-1,3-butadiene	87-68-3	<0.001	<0.0003
Isopropylbenzene	98-82-8	<0.001	<0.0003
Methyl tert-butyl ether	1634-04-4	<0.001	<0.0003
Methylene Chloride	75-09-2	<0.005	<0.0016
n-Butylbenzene	104-51-8	<0.001	<0.0003
n-Propylbenzene	103-65-1	<0.001	<0.0003
Naphthalene	91-20-3	<0.005	<0.0016
p-Isopropyltoluene	99-87-6	<0.001	<0.0003
sec-Butylbenzene	135-98-8	<0.001	<0.0003
Styrene	100-42-5	<0.001	<0.0003
tert-Butylbenzene	98-06-6	<0.001	<0.0003
Tetrachloroethene	127-18-4	<0.001	<0.0003
Toluene	108-88-3	<0.005	<0.0016
trans-1,2-Dichloroethene	156-60-5	<0.001	<0.0003
trans-1,3-Dichloropropene	10061-02-6	<0.001	<0.0003
Trichloroethene	79-01-6	<0.001	<0.0003
Trichlorofluoromethane	75-69-4	<0.005	<0.0016
Vinyl chloride	75-01-4	<0.001	<0.0003
Xylenes, Total	1330-20-7	<0.003	<0.0010

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1,1,1,2-Tetrachloroethane	630-20-6	<0.001	<0.0003
1,1,1-Trichloroethane	71-55-6	<0.001	<0.0003
1,1,2,2-Tetrachloroethane	79-34-5	<0.001	<0.0003
1,1,2-Trichloroethane	79-00-5	<0.001	<0.0003
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	<0.001	<0.0003
1,1-Dichloroethane	75-34-3	<0.001	<0.0003
1,1-Dichloroethene	75-35-4	<0.001	<0.0003
1,1-Dichloropropene	563-58-6	<0.001	<0.0003
1,2,3-Trichlorobenzene	87-61-6	<0.001	<0.0003
1,2,3-Trichloropropane	96-18-4	<0.001	<0.0003
1,2,3-Trimethylbenzene	526-73-8	<0.001	<0.0003
1,2,4-Trichlorobenzene	120-82-1	<0.001	<0.0003
1,2,4-Trimethylbenzene	95-63-6	<0.001	<0.0003
1,2-Dibromo-3-Chloropropane	96-12-8	<0.005	<0.0016
1,2-Dibromoethane	106-93-4	<0.001	<0.0003
1,2-Dichlorobenzene	95-50-1	<0.001	<0.0003
1,2-Dichloroethane	107-06-2	<0.001	<0.0003
1,2-Dichloropropane	78-87-5	<0.001	<0.0003
1,3,5-Trimethylbenzene	108-67-8	<0.001	<0.0003
1,3-Dichlorobenzene	541-73-1	<0.001	<0.0003
1,3-Dichloropropane	142-28-9	<0.001	<0.0003
1,4-Dichlorobenzene	106-46-7	<0.001	<0.0003
2,2-Dichloropropane	594-20-7	<0.001	<0.0003
2-Butanone (MEK)	78-93-3	<0.010	<0.0033
2-Chloroethyl vinyl ether	110-75-8	<0.001	<0.0003
2-Chlorotoluene	95-49-8	<0.001	<0.0003
4-Chlorotoluene	106-43-4	<0.001	<0.0003
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.010	<0.0033
Acetone	67-64-1	<0.050	<0.0165
Acrolein	107-02-8	<0.050	<0.0165
Acrylonitrile	107-13-1	<0.010	<0.0033
Benzene	71-43-2	<0.001	<0.0003
Bromobenzene	108-86-1	<0.001	<0.0003
Bromodichloromethane	75-27-4	<0.001	<0.0003

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
Bromoform	75-25-2	<0.001	<0.0003
Bromomethane	74-83-9	<0.005	<0.0016
Carbon tetrachloride	56-23-5	<0.001	<0.0003
Chlorobenzene	108-90-7	<0.001	<0.0003
Chlorodibromomethane	124-48-1	<0.001	<0.0003
Chloroethane	75-00-3	<0.001	<0.0003
Chloroform	67-66-3	<0.005	<0.0016
Chloromethane	74-87-3	<0.001	<0.0003
cis-1,2-Dichloroethene	156-59-2	<0.001	<0.0003
cis-1,3-Dichloropropene	10061-01-5	<0.001	<0.0003
Di-isopropyl ether	108-20-3	<0.001	<0.0003
Dibromomethane	74-95-3	<0.001	<0.0003
Dichlorodifluoromethane	75-71-8	<0.005	<0.0016
Ethylbenzene	100-41-4	<0.001	<0.0003
Hexachloro-1,3-butadiene	87-68-3	<0.001	<0.0003
Isopropylbenzene	98-82-8	<0.001	<0.0003
Methyl tert-butyl ether	1634-04-4	<0.001	<0.0003
Methylene Chloride	75-09-2	<0.005	<0.0016
n-Butylbenzene	104-51-8	<0.001	<0.0003
n-Propylbenzene	103-65-1	<0.001	<0.0003
Naphthalene	91-20-3	<0.005	<0.0016
p-Isopropyltoluene	99-87-6	<0.001	<0.0003
sec-Butylbenzene	135-98-8	<0.001	<0.0003
Styrene	100-42-5	<0.001	<0.0003
tert-Butylbenzene	98-06-6	<0.001	<0.0003
Tetrachloroethene	127-18-4	<0.001	<0.0003
Toluene	108-88-3	<0.005	<0.0016
trans-1,2-Dichloroethene	156-60-5	<0.001	<0.0003
trans-1,3-Dichloropropene	10061-02-6	<0.001	<0.0003
Trichloroethene	79-01-6	<0.001	<0.0003
Trichlorofluoromethane	75-69-4	<0.005	<0.0016
Vinyl chloride	75-01-4	<0.001	<0.0003
Xylenes, Total	1330-20-7	<0.003	<0.0010

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.052	105	75 - 134	
1,1,1-Trichloroethane	0.050	0.049	97.6	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.045	90.8	72 - 128	
1,1,2-Trichloroethane	0.050	0.047	95.0	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.062	125	51 - 149	
1,1-Dichloroethane	0.050	0.052	104	67 - 133	
1,1-Dichloroethene	0.050	0.047	94.3	60 - 130	
1,1-Dichloropropene	0.050	0.049	98.3	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.049	97.7	63 - 138	
1,2,3-Trichloropropane	0.050	0.050	100	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.047	94.6	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.051	103	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.049	98.9	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.052	104	55 - 134	
1,2-Dibromoethane	0.050	0.049	97.4	75 - 126	
1,2-Dichlorobenzene	0.050	0.049	98.6	75 - 122	
1,2-Dichloroethane	0.050	0.050	99.6	63 - 137	
1,2-Dichloropropane	0.050	0.048	95.3	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.050	101	73 - 134	
1,3-Dichlorobenzene	0.050	0.051	102	73 - 131	
1,3-Dichloropropane	0.050	0.048	95.8	77 - 119	
1,4-Dichlorobenzene	0.050	0.049	97.5	70 - 121	
2,2-Dichloropropane	0.050	0.049	97.2	46 - 151	
2-Butanone (MEK)	0.250	0.276	110	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.049	19.5	0 - 171	
2-Chlorotoluene	0.050	0.049	97.2	74 - 128	
4-Chlorotoluene	0.050	0.048	96.8	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.266	106	60 - 142	
Acetone	0.250	0.286	115	48 - 134	
Acrolein	0.250	0.488	195	6 - 182	J4
Acrylonitrile	0.250	0.281	112	60 - 140	
Benzene	0.050	0.050	99.1	67 - 126	
Bromobenzene	0.050	0.045	90.2	76 - 123	
Bromodichloromethane	0.050	0.046	91.7	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.050	100	60 - 139	
Bromomethane	0.050	0.056	111	45 - 175	
Carbon tetrachloride	0.050	0.051	103	64 - 141	
Chlorobenzene	0.050	0.050	99.8	77 - 125	
Chlorodibromomethane	0.050	0.051	102	73 - 138	
Chloroethane	0.050	0.059	118	49 - 155	
Chloroform	0.050	0.049	99.0	66 - 126	
Chloromethane	0.050	0.043	85.7	45 - 152	
cis-1,2-Dichloroethene	0.050	0.050	100	72 - 128	
cis-1,3-Dichloropropene	0.050	0.050	99.5	73 - 131	
Di-isopropyl ether	0.050	0.050	99.8	63 - 139	
Dibromomethane	0.050	0.047	93.8	73 - 125	
Dichlorodifluoromethane	0.050	0.046	91.8	39 - 189	
Ethylbenzene	0.050	0.050	99.5	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.052	105	67 - 135	
Isopropylbenzene	0.050	0.051	102	73 - 132	
Methyl tert-butyl ether	0.050	0.049	97.8	51 - 142	
Methylene Chloride	0.050	0.046	92.9	64 - 125	
n-Butylbenzene	0.050	0.048	96.2	63 - 142	
n-Propylbenzene	0.050	0.049	98.5	71 - 132	
Naphthalene	0.050	0.043	85.1	56 - 145	
p-Isopropyltoluene	0.050	0.051	102	68 - 138	
sec-Butylbenzene	0.050	0.051	101	70 - 135	
Styrene	0.050	0.052	103	78 - 130	
tert-Butylbenzene	0.050	0.050	101	72 - 134	
Tetrachloroethene	0.050	0.050	100	67 - 135	
Toluene	0.050	0.047	94.2	72 - 122	
trans-1,2-Dichloroethene	0.050	0.048	96.5	67 - 129	
trans-1,3-Dichloropropene	0.050	0.049	97.7	66 - 137	
Trichloroethene	0.050	0.051	101	74 - 126	
Trichlorofluoromethane	0.050	0.050	101	54 - 156	
Vinyl chloride	0.050	0.049	97.2	55 - 153	
Xylenes, Total	0.150	0.150	99.7	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.049	98.9	75 - 134	
1,1,1-Trichloroethane	0.050	0.045	91.0	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.048	96.6	72 - 128	
1,1,2-Trichloroethane	0.050	0.047	94.2	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.051	103	51 - 149	
1,1-Dichloroethane	0.050	0.049	98.1	67 - 133	
1,1-Dichloroethene	0.050	0.044	88.4	60 - 130	
1,1-Dichloropropene	0.050	0.047	94.4	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.051	103	63 - 138	
1,2,3-Trichloropropane	0.050	0.055	110	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.045	90.2	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.052	104	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.046	92.8	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.062	123	55 - 134	
1,2-Dibromoethane	0.050	0.049	98.7	75 - 126	
1,2-Dichlorobenzene	0.050	0.048	96.9	75 - 122	
1,2-Dichloroethane	0.050	0.050	99.5	63 - 137	
1,2-Dichloropropane	0.050	0.047	94.0	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.047	94.2	73 - 134	
1,3-Dichlorobenzene	0.050	0.049	98.1	73 - 131	
1,3-Dichloropropane	0.050	0.048	96.7	77 - 119	
1,4-Dichlorobenzene	0.050	0.047	94.7	70 - 121	
2,2-Dichloropropane	0.050	0.046	92.9	46 - 151	
2-Butanone (MEK)	0.250	0.327	131	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.075	30.0	0 - 171	
2-Chlorotoluene	0.050	0.046	92.1	74 - 128	
4-Chlorotoluene	0.050	0.045	90.3	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.315	126	60 - 142	
Acetone	0.250	0.321	129	48 - 134	
Acrolein	0.250	0.312	125	6 - 182	
Acrylonitrile	0.250	0.310	124	60 - 140	
Benzene	0.050	0.048	95.4	67 - 126	
Bromobenzene	0.050	0.044	88.6	76 - 123	
Bromodichloromethane	0.050	0.044	88.0	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.052	104	60 - 139	
Bromomethane	0.050	0.057	113	45 - 175	
Carbon tetrachloride	0.050	0.049	97.3	64 - 141	
Chlorobenzene	0.050	0.048	95.6	77 - 125	
Chlorodibromomethane	0.050	0.050	99.0	73 - 138	
Chloroethane	0.050	0.058	117	49 - 155	
Chloroform	0.050	0.047	93.5	66 - 126	
Chloromethane	0.050	0.045	89.7	45 - 152	
cis-1,2-Dichloroethene	0.050	0.048	96.3	72 - 128	
cis-1,3-Dichloropropene	0.050	0.049	97.4	73 - 131	
Di-isopropyl ether	0.050	0.048	96.0	63 - 139	
Dibromomethane	0.050	0.048	96.0	73 - 125	
Dichlorodifluoromethane	0.050	0.050	101	39 - 189	
Ethylbenzene	0.050	0.048	95.9	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.049	98.4	67 - 135	
Isopropylbenzene	0.050	0.047	94.4	73 - 132	
Methyl tert-butyl ether	0.050	0.051	102	51 - 142	
Methylene Chloride	0.050	0.048	96.0	64 - 125	
n-Butylbenzene	0.050	0.045	90.4	63 - 142	
n-Propylbenzene	0.050	0.047	93.1	71 - 132	
Naphthalene	0.050	0.048	96.7	56 - 145	
p-Isopropyltoluene	0.050	0.047	93.0	68 - 138	
sec-Butylbenzene	0.050	0.047	93.2	70 - 135	
Styrene	0.050	0.049	97.4	78 - 130	
tert-Butylbenzene	0.050	0.048	96.2	72 - 134	
Tetrachloroethene	0.050	0.049	97.8	67 - 135	
Toluene	0.050	0.046	91.1	72 - 122	
trans-1,2-Dichloroethene	0.050	0.048	95.9	67 - 129	
trans-1,3-Dichloropropene	0.050	0.049	98.4	66 - 137	
Trichloroethene	0.050	0.049	97.8	74 - 126	
Trichlorofluoromethane	0.050	0.051	103	54 - 156	
Vinyl chloride	0.050	0.050	99.9	55 - 153	
Xylenes, Total	0.150	0.142	94.4	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.051	102	75 - 134	
1,1,1-Trichloroethane	0.050	0.052	104	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.052	103	72 - 128	
1,1,2-Trichloroethane	0.050	0.051	102	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.053	106	51 - 149	
1,1-Dichloroethane	0.050	0.051	101	67 - 133	
1,1-Dichloroethene	0.050	0.054	108	60 - 130	
1,1-Dichloropropene	0.050	0.051	102	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.051	101	63 - 138	
1,2,3-Trichloropropane	0.050	0.055	110	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.050	100	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.052	103	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.049	99.0	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.055	110	55 - 134	
1,2-Dibromoethane	0.050	0.051	103	75 - 126	
1,2-Dichlorobenzene	0.050	0.050	99.9	75 - 122	
1,2-Dichloroethane	0.050	0.050	99.3	63 - 137	
1,2-Dichloropropane	0.050	0.052	105	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.050	100	73 - 134	
1,3-Dichlorobenzene	0.050	0.048	96.6	73 - 131	
1,3-Dichloropropane	0.050	0.049	98.5	77 - 119	
1,4-Dichlorobenzene	0.050	0.049	97.4	70 - 121	
2,2-Dichloropropane	0.050	0.050	100	46 - 151	
2-Butanone (MEK)	0.250	0.263	105	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.261	104	0 - 171	
2-Chlorotoluene	0.050	0.049	98.4	74 - 128	
4-Chlorotoluene	0.050	0.050	99.2	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.264	106	60 - 142	
Acetone	0.250	0.262	105	48 - 134	
Acrolein	0.250	0.202	81.0	6 - 182	
Acrylonitrile	0.250	0.263	105	60 - 140	
Benzene	0.050	0.049	97.9	67 - 126	
Bromobenzene	0.050	0.049	97.3	76 - 123	
Bromodichloromethane	0.050	0.051	101	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.055	110	60 - 139	
Bromomethane	0.050	0.064	127	45 - 175	
Carbon tetrachloride	0.050	0.050	101	64 - 141	
Chlorobenzene	0.050	0.049	97.8	77 - 125	
Chlorodibromomethane	0.050	0.053	105	73 - 138	
Chloroethane	0.050	0.052	104	49 - 155	
Chloroform	0.050	0.050	99.0	66 - 126	
Chloromethane	0.050	0.051	102	45 - 152	
cis-1,2-Dichloroethene	0.050	0.051	102	72 - 128	
cis-1,3-Dichloropropene	0.050	0.050	99.8	73 - 131	
Di-isopropyl ether	0.050	0.050	100	63 - 139	
Dibromomethane	0.050	0.050	101	73 - 125	
Dichlorodifluoromethane	0.050	0.054	108	39 - 189	
Ethylbenzene	0.050	0.050	100	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.050	99.1	67 - 135	
Isopropylbenzene	0.050	0.050	100	73 - 132	
Methyl tert-butyl ether	0.050	0.051	102	51 - 142	
Methylene Chloride	0.050	0.048	95.5	64 - 125	
n-Butylbenzene	0.050	0.051	103	63 - 142	
n-Propylbenzene	0.050	0.050	99.9	71 - 132	
Naphthalene	0.050	0.054	107	56 - 145	
p-Isopropyltoluene	0.050	0.051	101	68 - 138	
sec-Butylbenzene	0.050	0.050	99.1	70 - 135	
Styrene	0.050	0.053	105	78 - 130	
tert-Butylbenzene	0.050	0.049	98.5	72 - 134	
Tetrachloroethene	0.050	0.049	97.8	67 - 135	
Toluene	0.050	0.049	97.3	72 - 122	
trans-1,2-Dichloroethene	0.050	0.052	104	67 - 129	
trans-1,3-Dichloropropene	0.050	0.046	92.3	66 - 137	
Trichloroethene	0.050	0.050	100	74 - 126	
Trichlorofluoromethane	0.050	0.053	105	54 - 156	
Vinyl chloride	0.050	0.053	106	55 - 153	
Xylenes, Total	0.150	0.150	100	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.049	97.3	75 - 134	
1,1,1-Trichloroethane	0.050	0.049	97.2	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.051	102	72 - 128	
1,1,2-Trichloroethane	0.050	0.049	98.1	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.048	96.7	51 - 149	
1,1-Dichloroethane	0.050	0.047	94.1	67 - 133	
1,1-Dichloroethene	0.050	0.049	98.1	60 - 130	
1,1-Dichloropropene	0.050	0.047	94.0	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.049	97.4	63 - 138	
1,2,3-Trichloropropane	0.050	0.053	105	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.047	94.7	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.049	98.7	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.049	97.0	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.053	107	55 - 134	
1,2-Dibromoethane	0.050	0.050	99.1	75 - 126	
1,2-Dichlorobenzene	0.050	0.047	94.7	75 - 122	
1,2-Dichloroethane	0.050	0.048	95.6	63 - 137	
1,2-Dichloropropane	0.050	0.053	105	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.049	97.9	73 - 134	
1,3-Dichlorobenzene	0.050	0.048	95.1	73 - 131	
1,3-Dichloropropane	0.050	0.047	94.1	77 - 119	
1,4-Dichlorobenzene	0.050	0.045	90.9	70 - 121	
2,2-Dichloropropane	0.050	0.047	93.6	46 - 151	
2-Butanone (MEK)	0.250	0.250	100	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.264	105	0 - 171	
2-Chlorotoluene	0.050	0.048	96.1	74 - 128	
4-Chlorotoluene	0.050	0.048	96.7	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.262	105	60 - 142	
Acetone	0.250	0.248	99.2	48 - 134	
Acrolein	0.250	0.207	82.7	6 - 182	
Acrylonitrile	0.250	0.252	101	60 - 140	
Benzene	0.050	0.046	91.2	67 - 126	
Bromobenzene	0.050	0.047	93.9	76 - 123	
Bromodichloromethane	0.050	0.048	96.5	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.054	109	60 - 139	
Bromomethane	0.050	0.059	118	45 - 175	
Carbon tetrachloride	0.050	0.047	94.8	64 - 141	
Chlorobenzene	0.050	0.047	93.6	77 - 125	
Chlorodibromomethane	0.050	0.050	101	73 - 138	
Chloroethane	0.050	0.048	95.6	49 - 155	
Chloroform	0.050	0.047	93.4	66 - 126	
Chloromethane	0.050	0.046	91.9	45 - 152	
cis-1,2-Dichloroethene	0.050	0.048	95.3	72 - 128	
cis-1,3-Dichloropropene	0.050	0.047	94.8	73 - 131	
Di-isopropyl ether	0.050	0.047	94.8	63 - 139	
Dibromomethane	0.050	0.049	97.9	73 - 125	
Dichlorodifluoromethane	0.050	0.049	97.3	39 - 189	
Ethylbenzene	0.050	0.047	94.5	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.047	94.6	67 - 135	
Isopropylbenzene	0.050	0.049	97.1	73 - 132	
Methyl tert-butyl ether	0.050	0.049	97.9	51 - 142	
Methylene Chloride	0.050	0.044	88.8	64 - 125	
n-Butylbenzene	0.050	0.049	97.5	63 - 142	
n-Propylbenzene	0.050	0.049	97.3	71 - 132	
Naphthalene	0.050	0.052	104	56 - 145	
p-Isopropyltoluene	0.050	0.050	99.3	68 - 138	
sec-Butylbenzene	0.050	0.049	97.6	70 - 135	
Styrene	0.050	0.050	100	78 - 130	
tert-Butylbenzene	0.050	0.048	96.3	72 - 134	
Tetrachloroethene	0.050	0.046	92.8	67 - 135	
Toluene	0.050	0.046	91.9	72 - 122	
trans-1,2-Dichloroethene	0.050	0.048	96.3	67 - 129	
trans-1,3-Dichloropropene	0.050	0.044	88.2	66 - 137	
Trichloroethene	0.050	0.048	95.6	74 - 126	
Trichlorofluoromethane	0.050	0.050	99.5	54 - 156	
Vinyl chloride	0.050	0.048	95.2	55 - 153	
Xylenes, Total	0.150	0.143	95.5	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.053	106	75 - 134	
1,1,1-Trichloroethane	0.050	0.044	87.3	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.054	108	72 - 128	
1,1,2-Trichloroethane	0.050	0.050	100	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.049	97.3	51 - 149	
1,1-Dichloroethane	0.050	0.045	89.2	67 - 133	
1,1-Dichloroethene	0.050	0.044	88.0	60 - 130	
1,1-Dichloropropene	0.050	0.042	83.4	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.053	106	63 - 138	
1,2,3-Trichloropropane	0.050	0.052	104	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.045	89.1	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.049	97.0	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.049	98.9	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.053	107	55 - 134	
1,2-Dibromoethane	0.050	0.052	103	75 - 126	
1,2-Dichlorobenzene	0.050	0.047	94.2	75 - 122	
1,2-Dichloroethane	0.050	0.047	93.1	63 - 137	
1,2-Dichloropropane	0.050	0.045	90.1	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.049	98.2	73 - 134	
1,3-Dichlorobenzene	0.050	0.051	102	73 - 131	
1,3-Dichloropropane	0.050	0.048	95.6	77 - 119	
1,4-Dichlorobenzene	0.050	0.045	90.0	70 - 121	
2,2-Dichloropropane	0.050	0.042	83.1	46 - 151	
2-Butanone (MEK)	0.250	0.257	103	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.245	98.1	0 - 171	
2-Chlorotoluene	0.050	0.048	95.4	74 - 128	
4-Chlorotoluene	0.050	0.049	97.5	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.254	102	60 - 142	
Acetone	0.250	0.219	87.7	48 - 134	
Acrolein	0.250	0.352	141	6 - 182	
Acrylonitrile	0.250	0.260	104	60 - 140	
Benzene	0.050	0.044	87.3	67 - 126	
Bromobenzene	0.050	0.050	99.1	76 - 123	
Bromodichloromethane	0.050	0.047	94.4	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.048	95.2	60 - 139	
Bromomethane	0.050	0.040	79.1	45 - 175	
Carbon tetrachloride	0.050	0.043	85.6	64 - 141	
Chlorobenzene	0.050	0.049	97.9	77 - 125	
Chlorodibromomethane	0.050	0.052	104	73 - 138	
Chloroethane	0.050	0.038	75.6	49 - 155	
Chloroform	0.050	0.045	89.1	66 - 126	
Chloromethane	0.050	0.037	73.8	45 - 152	
cis-1,2-Dichloroethene	0.050	0.046	91.7	72 - 128	
cis-1,3-Dichloropropene	0.050	0.049	98.8	73 - 131	
Di-isopropyl ether	0.050	0.046	91.9	63 - 139	
Dibromomethane	0.050	0.048	96.5	73 - 125	
Dichlorodifluoromethane	0.050	0.053	105	39 - 189	
Ethylbenzene	0.050	0.047	93.6	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.046	91.8	67 - 135	
Isopropylbenzene	0.050	0.048	96.3	73 - 132	
Methyl tert-butyl ether	0.050	0.049	97.9	51 - 142	
Methylene Chloride	0.050	0.046	91.3	64 - 125	
n-Butylbenzene	0.050	0.043	85.4	63 - 142	
n-Propylbenzene	0.050	0.046	92.8	71 - 132	
Naphthalene	0.050	0.056	112	56 - 145	
p-Isopropyltoluene	0.050	0.050	99.5	68 - 138	
sec-Butylbenzene	0.050	0.048	96.4	70 - 135	
Styrene	0.050	0.053	106	78 - 130	
tert-Butylbenzene	0.050	0.049	97.5	72 - 134	
Tetrachloroethene	0.050	0.046	92.9	67 - 135	
Toluene	0.050	0.042	84.5	72 - 122	
trans-1,2-Dichloroethene	0.050	0.044	88.9	67 - 129	
trans-1,3-Dichloropropene	0.050	0.049	98.0	66 - 137	
Trichloroethene	0.050	0.047	93.8	74 - 126	
Trichlorofluoromethane	0.050	0.039	77.1	54 - 156	
Vinyl chloride	0.050	0.037	74.1	55 - 153	
Xylenes, Total	0.150	0.145	96.5	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1,1,1,2-Tetrachloroethane	0.050	0.053	106	75 - 134	
1,1,1-Trichloroethane	0.050	0.041	83.0	67 - 137	
1,1,2,2-Tetrachloroethane	0.050	0.053	106	72 - 128	
1,1,2-Trichloroethane	0.050	0.049	97.9	79 - 123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	0.045	90.6	51 - 149	
1,1-Dichloroethane	0.050	0.042	83.7	67 - 133	
1,1-Dichloroethene	0.050	0.041	81.8	60 - 130	
1,1-Dichloropropene	0.050	0.040	79.2	68 - 132	
1,2,3-Trichlorobenzene	0.050	0.053	106	63 - 138	
1,2,3-Trichloropropane	0.050	0.051	102	68 - 130	
1,2,3-Trimethylbenzene	0.050	0.043	85.9	70 - 127	
1,2,4-Trichlorobenzene	0.050	0.047	94.0	65 - 137	
1,2,4-Trimethylbenzene	0.050	0.049	97.3	72 - 135	
1,2-Dibromo-3-Chloropropane	0.050	0.051	101	55 - 134	
1,2-Dibromoethane	0.050	0.051	101	75 - 126	
1,2-Dichlorobenzene	0.050	0.045	90.7	75 - 122	
1,2-Dichloroethane	0.050	0.045	89.3	63 - 137	
1,2-Dichloropropane	0.050	0.044	87.7	74 - 122	
1,3,5-Trimethylbenzene	0.050	0.049	97.5	73 - 134	
1,3-Dichlorobenzene	0.050	0.050	99.5	73 - 131	
1,3-Dichloropropane	0.050	0.048	95.5	77 - 119	
1,4-Dichlorobenzene	0.050	0.043	86.0	70 - 121	
2,2-Dichloropropane	0.050	0.041	81.1	46 - 151	
2-Butanone (MEK)	0.250	0.241	96.3	53 - 132	
2-Chloroethyl vinyl ether	0.250	0.243	97.4	0 - 171	
2-Chlorotoluene	0.050	0.047	94.0	74 - 128	
4-Chlorotoluene	0.050	0.047	94.4	74 - 130	
4-Methyl-2-pentanone (MIBK)	0.250	0.245	97.9	60 - 142	
Acetone	0.250	0.202	80.6	48 - 134	
Acrolein	0.250	0.334	133	6 - 182	
Acrylonitrile	0.250	0.242	96.9	60 - 140	
Benzene	0.050	0.042	83.0	67 - 126	
Bromobenzene	0.050	0.049	97.3	76 - 123	
Bromodichloromethane	0.050	0.046	92.3	68 - 133	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Bromoform	0.050	0.046	92.8	60 - 139	
Bromomethane	0.050	0.039	77.8	45 - 175	
Carbon tetrachloride	0.050	0.042	83.1	64 - 141	
Chlorobenzene	0.050	0.048	96.5	77 - 125	
Chlorodibromomethane	0.050	0.052	103	73 - 138	
Chloroethane	0.050	0.037	73.5	49 - 155	
Chloroform	0.050	0.042	84.7	66 - 126	
Chloromethane	0.050	0.036	72.5	45 - 152	
cis-1,2-Dichloroethene	0.050	0.044	87.8	72 - 128	
cis-1,3-Dichloropropene	0.050	0.049	97.2	73 - 131	
Di-isopropyl ether	0.050	0.044	87.2	63 - 139	
Dibromomethane	0.050	0.047	93.7	73 - 125	
Dichlorodifluoromethane	0.050	0.051	102	39 - 189	
Ethylbenzene	0.050	0.047	93.3	76 - 129	
Hexachloro-1,3-butadiene	0.050	0.044	89.0	67 - 135	
Isopropylbenzene	0.050	0.048	95.9	73 - 132	
Methyl tert-butyl ether	0.050	0.047	93.7	51 - 142	
Methylene Chloride	0.050	0.042	84.9	64 - 125	
n-Butylbenzene	0.050	0.042	83.1	63 - 142	
n-Propylbenzene	0.050	0.046	92.0	71 - 132	
Naphthalene	0.050	0.056	113	56 - 145	
p-Isopropyltoluene	0.050	0.049	98.4	68 - 138	
sec-Butylbenzene	0.050	0.047	94.5	70 - 135	
Styrene	0.050	0.052	105	78 - 130	
tert-Butylbenzene	0.050	0.048	96.3	72 - 134	
Tetrachloroethene	0.050	0.046	92.2	67 - 135	
Toluene	0.050	0.042	83.1	72 - 122	
trans-1,2-Dichloroethene	0.050	0.042	84.9	67 - 129	
trans-1,3-Dichloropropene	0.050	0.048	96.2	66 - 137	
Trichloroethene	0.050	0.046	91.6	74 - 126	
Trichlorofluoromethane	0.050	0.038	75.0	54 - 156	
Vinyl chloride	0.050	0.036	73.0	55 - 153	
Xylenes, Total	0.150	0.143	95.5	75 - 128	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372815-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.000	0.048	95.1	0.048	95.1	45-152		0.0	21	
1,1,1-Trichloroethane	0.050	0.000	0.042	83.7	0.041	81.6	31-161		2.5	23	
1,1,2,2-Tetrachloroethane	0.050	0.000	0.051	102	0.049	98.1	49-149		4.1	22	
1,1,2-Trichloroethane	0.050	0.000	0.046	91.1	0.044	88.8	46-145		2.6	20	
1,1,2-Trichloro-1,2,2-	0.050	0.000	0.045	90.4	0.043	85.8	14-168		5.3	24	
1,1-Dichloroethane	0.050	0.000	0.045	89.7	0.043	86.2	30-159		4.1	21	
1,1-Dichloroethene	0.050	0.000	0.035	70.9	0.034	68.2	10-162		3.8	23	
1,1-Dichloropropene	0.050	0.000	0.038	76.5	0.038	75.2	14-162		1.7	23	
1,2,3-Trichlorobenzene	0.050	0.000	0.047	94.7	0.049	97.4	32-143		2.8	33	
1,2,3-Trichloropropane	0.050	0.000	0.058	116	0.055	109	48-148		6.2	23	
1,2,3-Trimethylbenzene	0.050	0.000	0.042	83.1	0.040	79.5	36-141		4.5	25	
1,2,4-Trichlorobenzene	0.050	0.000	0.046	92.3	0.049	97.1	27-142		5.0	30	
1,2,4-Trimethylbenzene	0.050	0.000	0.042	84.3	0.043	85.6	29-153		1.6	27	
1,2-Dibromo-3-Chloropropane	0.050	0.000	0.067	135	0.061	122	37-148		10	27	
1,2-Dibromoethane	0.050	0.000	0.047	94.3	0.045	90.0	41-149		4.7	21	
1,2-Dichlorobenzene	0.050	0.000	0.045	90.9	0.044	88.0	40-139		3.2	23	
1,2-Dichloroethane	0.050	0.000	0.045	89.2	0.043	86.5	29-167		3.0	21	
1,2-Dichloropropane	0.050	0.000	0.044	87.2	0.043	85.1	39-148		2.4	20	
1,3,5-Trimethylbenzene	0.050	0.000	0.042	84.9	0.043	86.7	33-149		2.1	26	
1,3-Dichlorobenzene	0.050	0.000	0.045	90.6	0.046	91.2	32-148		0.7	24	
1,3-Dichloropropane	0.050	0.000	0.046	92.1	0.045	89.3	44-142		3.1	20	
1,4-Dichlorobenzene	0.050	0.000	0.044	87.8	0.042	83.1	32-136		5.5	23	
2,2-Dichloropropane	0.050	0.000	0.043	86.3	0.042	83.8	14-158		2.9	23	
2-Butanone (MEK)	0.250	0.000	0.376	151	0.330	132	32-151		13	26	
2-Chloroethyl vinyl ether	0.250	0.000	0.071	28.5	0.065	26.0	0-175		8.9	75	
2-Chlorotoluene	0.050	0.000	0.042	83.4	0.043	85.3	35-147		2.3	24	
4-Chlorotoluene	0.050	0.000	0.041	82.2	0.042	83.8	33-147		1.9	25	
4-Methyl-2-pentanone	0.250	0.000	0.347	139	0.305	122	40-160		13	28	
Acetone	0.250	0.024	0.385	144	0.331	123	25-157		15	26	
Acrolein	0.250	0.000	0.238	95.1	0.196	78.2	0-179		20	39	
Acrylonitrile	0.250	0.000	0.338	135	0.297	119	37-162		13	24	
Benzene	0.050	0.000	0.040	79.7	0.039	79.0	16-158		0.9	21	
Bromobenzene	0.050	0.000	0.039	77.8	0.039	77.8	37-147		0.0	23	
Bromodichloromethane	0.050	0.000	0.041	82.9	0.041	81.3	45-147		1.9	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372815-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.000	0.053	105	0.051	102	38-152		3.0	20	
Bromomethane	0.050	0.000	0.045	89.2	0.042	84.6	0-191		5.4	35	
Carbon tetrachloride	0.050	0.000	0.043	85.1	0.042	83.5	22-168		1.9	24	
Chlorobenzene	0.050	0.000	0.043	86.3	0.043	86.1	33-148		0.3	22	
Chlorodibromomethane	0.050	0.000	0.049	97.0	0.048	95.8	48-151		1.3	21	
Chloroethane	0.050	0.000	0.044	88.9	0.042	83.1	4-176		6.7	27	
Chloroform	0.050	0.000	0.044	88.0	0.043	86.2	37-147		2.1	21	
Chloromethane	0.050	0.000	0.031	61.7	0.029	57.1	10-174		7.8	28	
cis-1,2-Dichloroethene	0.050	0.000	0.044	87.0	0.042	84.4	29-156		3.0	22	
cis-1,3-Dichloropropene	0.050	0.000	0.044	87.8	0.042	84.6	35-148		3.8	21	
Di-isopropyl ether	0.050	0.000	0.047	93.2	0.045	90.3	39-160		3.1	21	
Dibromomethane	0.050	0.000	0.043	85.6	0.041	82.6	36-152		3.6	20	
Dichlorodifluoromethane	0.050	0.000	0.037	73.6	0.036	72.6	0-200		1.4	26	
Ethylbenzene	0.050	0.000	0.042	83.5	0.042	84.4	29-150		1.1	24	
Hexachloro-1,3-butadiene	0.050	0.000	0.044	88.8	0.045	90.9	28-144		2.4	33	
Isopropylbenzene	0.050	0.000	0.044	87.3	0.043	86.2	35-147		1.2	25	
Methyl tert-butyl ether	0.050	0.000	0.049	98.4	0.047	94.0	24-167		4.6	22	
Methylene Chloride	0.050	0.000	0.038	75.0	0.040	79.8	23-151		6.2	21	
n-Butylbenzene	0.050	0.000	0.040	80.4	0.039	78.9	22-151		1.9	29	
n-Propylbenzene	0.050	0.000	0.042	83.3	0.042	83.9	26-150		0.8	25	
Naphthalene	0.050	0.000	0.047	94.6	0.049	98.1	24-160		3.6	37	
p-Isopropyltoluene	0.050	0.000	0.042	84.8	0.044	87.4	28-151		3.1	27	
sec-Butylbenzene	0.050	0.000	0.043	86.9	0.044	87.6	32-149		0.8	26	
Styrene	0.050	0.000	0.045	90.1	0.045	89.6	38-149		0.5	23	
tert-Butylbenzene	0.050	0.000	0.045	89.6	0.045	89.6	36-149		0.0	26	
Tetrachloroethene	0.050	0.001	0.039	76.3	0.039	77.0	13-157		0.9	24	
Toluene	0.050	0.000	0.039	78.1	0.038	75.1	22-152		3.9	22	
trans-1,2-Dichloroethene	0.050	0.000	0.037	73.0	0.036	71.5	11-160		2.1	23	
trans-1,3-Dichloropropene	0.050	0.000	0.045	90.3	0.043	85.6	33-153		5.4	22	
Trichloroethene	0.050	0.000	0.041	81.0	0.039	78.7	18-163		2.9	21	
Trichlorofluoromethane	0.050	0.000	0.041	81.4	0.038	76.9	10-177		5.6	24	
Vinyl chloride	0.050	0.000	0.036	72.2	0.033	66.9	0-179		7.6	26	
Xylenes, Total	0.150	0.000	0.122	81.5	0.124	82.5	27-151		1.2	23	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.052	105	0.049	98.9	75-134		5.6	20	
1,1,1-Trichloroethane	0.050	0.049	97.6	0.045	91.0	67-137		7.0	20	
1,1,2,2-Tetrachloroethane	0.050	0.045	90.8	0.048	96.6	72-128		6.2	20	
1,1,2-Trichloroethane	0.050	0.047	95.0	0.047	94.2	79-123		0.9	20	
1,1,2-Trichloro-1,2,2-	0.050	0.062	125	0.051	103	51-149		19	20	
1,1-Dichloroethane	0.050	0.052	104	0.049	98.1	67-133		5.6	20	
1,1-Dichloroethene	0.050	0.047	94.3	0.044	88.4	60-130		6.5	20	
1,1-Dichloropropene	0.050	0.049	98.3	0.047	94.4	68-132		4.0	20	
1,2,3-Trichlorobenzene	0.050	0.049	97.7	0.051	103	63-138		5.2	20	
1,2,3-Trichloropropane	0.050	0.050	100	0.055	110	68-130		9.3	20	
1,2,3-Trimethylbenzene	0.050	0.047	94.6	0.045	90.2	70-127		4.7	20	
1,2,4-Trichlorobenzene	0.050	0.051	103	0.052	104	65-137		1.0	20	
1,2,4-Trimethylbenzene	0.050	0.049	98.9	0.046	92.8	72-135		6.4	20	
1,2-Dibromo-3-Chloropropane	0.050	0.052	104	0.062	123	55-134		17	20	
1,2-Dibromoethane	0.050	0.049	97.4	0.049	98.7	75-126		1.3	20	
1,2-Dichlorobenzene	0.050	0.049	98.6	0.048	96.9	75-122		1.7	20	
1,2-Dichloroethane	0.050	0.050	99.6	0.050	99.5	63-137		0.2	20	
1,2-Dichloropropane	0.050	0.048	95.3	0.047	94.0	74-122		1.4	20	
1,3,5-Trimethylbenzene	0.050	0.050	101	0.047	94.2	73-134		6.6	20	
1,3-Dichlorobenzene	0.050	0.051	102	0.049	98.1	73-131		4.2	20	
1,3-Dichloropropane	0.050	0.048	95.8	0.048	96.7	77-119		0.9	20	
1,4-Dichlorobenzene	0.050	0.049	97.5	0.047	94.7	70-121		2.9	20	
2,2-Dichloropropane	0.050	0.049	97.2	0.046	92.9	46-151		4.5	20	
2-Butanone (MEK)	0.250	0.276	110	0.327	131	53-132		17	20	
2-Chloroethyl vinyl ether	0.250	0.049	19.5	0.075	30.0	0-171		43	27	J3
2-Chlorotoluene	0.050	0.049	97.2	0.046	92.1	74-128		5.3	20	
4-Chlorotoluene	0.050	0.048	96.8	0.045	90.3	74-130		7.0	20	
4-Methyl-2-pentanone	0.250	0.266	106	0.315	126	60-142		17	20	
Acetone	0.250	0.286	115	0.321	129	48-134		12	20	
Acrolein	0.250	0.488	195	0.312	125	6-182	J4	44	39	J3
Acrylonitrile	0.250	0.281	112	0.310	124	60-140		10	20	
Benzene	0.050	0.050	99.1	0.048	95.4	67-126		3.9	20	
Bromobenzene	0.050	0.045	90.2	0.044	88.6	76-123		1.9	20	
Bromodichloromethane	0.050	0.046	91.7	0.044	88.0	68-133		4.1	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/2/2008 4:25:00 PM
Instrument ID: VOCMS9
Analyst: 366
Analytic Batch: WG391737 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.050	100	0.052	104	60-139		3.8	20	
Bromomethane	0.050	0.056	111	0.057	113	45-175		1.4	20	
Carbon tetrachloride	0.050	0.051	103	0.049	97.3	64-141		5.4	20	
Chlorobenzene	0.050	0.050	99.8	0.048	95.6	77-125		4.3	20	
Chlorodibromomethane	0.050	0.051	102	0.050	99.0	73-138		3.1	20	
Chloroethane	0.050	0.059	118	0.058	117	49-155		0.8	20	
Chloroform	0.050	0.049	99.0	0.047	93.5	66-126		5.7	20	
Chloromethane	0.050	0.043	85.7	0.045	89.7	45-152		4.5	20	
cis-1,2-Dichloroethene	0.050	0.050	100	0.048	96.3	72-128		4.0	20	
cis-1,3-Dichloropropene	0.050	0.050	99.5	0.049	97.4	73-131		2.0	20	
Di-isopropyl ether	0.050	0.050	99.8	0.048	96.0	63-139		3.9	20	
Dibromomethane	0.050	0.047	93.8	0.048	96.0	73-125		2.2	20	
Dichlorodifluoromethane	0.050	0.046	91.8	0.050	101	39-189		9.1	24	
Ethylbenzene	0.050	0.050	99.5	0.048	95.9	76-129		3.7	20	
Hexachloro-1,3-butadiene	0.050	0.052	105	0.049	98.4	67-135		6.2	20	
Isopropylbenzene	0.050	0.051	102	0.047	94.4	73-132		7.6	20	
Methyl tert-butyl ether	0.050	0.049	97.8	0.051	102	51-142		4.4	20	
Methylene Chloride	0.050	0.046	92.9	0.048	96.0	64-125		3.3	20	
n-Butylbenzene	0.050	0.048	96.2	0.045	90.4	63-142		6.2	20	
n-Propylbenzene	0.050	0.049	98.5	0.047	93.1	71-132		5.7	20	
Naphthalene	0.050	0.043	85.1	0.048	96.7	56-145		13	20	
p-Isopropyltoluene	0.050	0.051	102	0.047	93.0	68-138		9.0	20	
sec-Butylbenzene	0.050	0.051	101	0.047	93.2	70-135		8.2	20	
Styrene	0.050	0.052	103	0.049	97.4	78-130		5.7	20	
tert-Butylbenzene	0.050	0.050	101	0.048	96.2	72-134		4.9	20	
Tetrachloroethene	0.050	0.050	100	0.049	97.8	67-135		2.7	20	
Toluene	0.050	0.047	94.2	0.046	91.1	72-122		3.3	20	
trans-1,2-Dichloroethene	0.050	0.048	96.5	0.048	95.9	67-129		0.6	20	
trans-1,3-Dichloropropene	0.050	0.049	97.7	0.049	98.4	66-137		0.7	20	
Trichloroethene	0.050	0.051	101	0.049	97.8	74-126		3.6	20	
Trichlorofluoromethane	0.050	0.050	101	0.051	103	54-156		2.2	20	
Vinyl chloride	0.050	0.049	97.2	0.050	99.9	55-153		2.8	20	
Xylenes, Total	0.150	0.150	99.7	0.142	94.4	75-128		5.5	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372857-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.000	0.049	98.8	0.050	100	45-152		1.6	21	
1,1,1-Trichloroethane	0.050	0.000	0.051	101	0.051	103	31-161		1.7	23	
1,1,2,2-Tetrachloroethane	0.050	0.000	0.051	101	0.052	105	49-149		3.4	22	
1,1,2-Trichloroethane	0.050	0.000	0.050	99.3	0.051	102	46-145		2.5	20	
1,1,2-Trichloro-1,2,2-	0.050	0.000	0.051	101	0.050	99.3	14-168		1.9	24	
1,1-Dichloroethane	0.050	0.000	0.050	101	0.049	97.7	30-159		2.9	21	
1,1-Dichloroethene	0.050	0.000	0.051	102	0.050	100	10-162		2.0	23	
1,1-Dichloropropene	0.050	0.000	0.049	97.4	0.050	99.8	14-162		2.4	23	
1,2,3-Trichlorobenzene	0.050	0.000	0.049	97.4	0.050	99.4	32-143		2.0	33	
1,2,3-Trichloropropane	0.050	0.000	0.052	104	0.055	109	48-148		4.8	23	
1,2,3-Trimethylbenzene	0.050	0.000	0.049	98.1	0.049	98.9	36-141		0.8	25	
1,2,4-Trichlorobenzene	0.050	0.000	0.049	99.0	0.050	101	27-142		2.0	30	
1,2,4-Trimethylbenzene	0.050	0.000	0.048	95.7	0.049	98.7	29-153		3.1	27	
1,2-Dibromo-3-Chloropropane	0.050	0.000	0.054	107	0.055	109	37-148		1.7	27	
1,2-Dibromoethane	0.050	0.000	0.050	99.1	0.052	104	41-149		4.6	21	
1,2-Dichlorobenzene	0.050	0.000	0.049	97.7	0.049	98.0	40-139		0.4	23	
1,2-Dichloroethane	0.050	0.000	0.049	98.1	0.050	100	29-167		2.2	21	
1,2-Dichloropropane	0.050	0.000	0.005	10.3	0.001	1.6	39-148	J6	145	20	J3
1,3,5-Trimethylbenzene	0.050	0.000	0.049	97.9	0.050	99.8	33-149		2.0	26	
1,3-Dichlorobenzene	0.050	0.000	0.047	94.3	0.048	97.0	32-148		2.9	24	
1,3-Dichloropropane	0.050	0.000	0.048	95.0	0.050	100	44-142		5.2	20	
1,4-Dichlorobenzene	0.050	0.000	0.047	94.3	0.048	95.5	32-136		1.3	23	
2,2-Dichloropropane	0.050	0.000	0.049	98.5	0.049	97.1	14-158		1.4	23	
2-Butanone (MEK)	0.250	0.000	0.249	99.6	0.261	104	32-151		4.7	26	
2-Chloroethyl vinyl ether	0.250	0.000	0.026	10.4	0.004	1.7	0-175		142	75	J3
2-Chlorotoluene	0.050	0.000	0.048	95.9	0.049	98.1	35-147		2.3	24	
4-Chlorotoluene	0.050	0.000	0.049	97.1	0.050	99.9	33-147		2.8	25	
4-Methyl-2-pentanone	0.250	0.000	0.256	102	0.264	106	40-160		3.3	28	
Acetone	0.250	0.000	0.243	97.2	0.244	97.6	25-157		0.5	26	
Acrolein	0.250	0.000	0.163	65.2	0.166	66.3	0-179		1.7	39	
Acrylonitrile	0.250	0.000	0.258	103	0.258	103	37-162		0.0	24	
Benzene	0.050	0.000	0.048	95.2	0.049	98.1	16-158		3.0	21	
Bromobenzene	0.050	0.000	0.047	93.7	0.049	97.3	37-147		3.7	23	
Bromodichloromethane	0.050	0.000	0.048	96.7	0.051	101	45-147		4.6	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372857-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.000	0.053	107	0.055	111	38-152		3.6	20	
Bromomethane	0.050	0.000	0.061	123	0.062	123	0-191		0.4	35	
Carbon tetrachloride	0.050	0.000	0.049	97.7	0.049	98.0	22-168		0.3	24	
Chlorobenzene	0.050	0.000	0.048	96.3	0.049	98.2	33-148		2.0	22	
Chlorodibromomethane	0.050	0.000	0.050	101	0.052	105	48-151		4.1	21	
Chloroethane	0.050	0.000	0.050	99.3	0.049	97.6	4-176		1.7	27	
Chloroform	0.050	0.000	0.048	96.3	0.049	97.9	37-147		1.6	21	
Chloromethane	0.050	0.000	0.049	98.6	0.047	93.5	10-174		5.3	28	
cis-1,2-Dichloroethene	0.050	0.000	0.050	100	0.050	99.5	29-156		0.8	22	
cis-1,3-Dichloropropene	0.050	0.000	0.048	96.8	0.049	98.4	35-148		1.7	21	
Di-isopropyl ether	0.050	0.000	0.049	97.8	0.048	96.9	39-160		0.9	21	
Dibromomethane	0.050	0.000	0.049	98.9	0.051	101	36-152		2.1	20	
Dichlorodifluoromethane	0.050	0.000	0.051	103	0.049	98.5	0-200		4.1	26	
Ethylbenzene	0.050	0.000	0.049	98.1	0.050	99.6	29-150		1.6	24	
Hexachloro-1,3-butadiene	0.050	0.000	0.048	95.3	0.049	97.5	28-144		2.3	33	
Isopropylbenzene	0.050	0.000	0.049	98.1	0.050	100	35-147		2.0	25	
Methyl tert-butyl ether	0.050	0.000	0.048	96.1	0.049	97.2	24-167		1.1	22	
Methylene Chloride	0.050	0.000	0.046	91.0	0.045	90.5	23-151		0.6	21	
n-Butylbenzene	0.050	0.000	0.051	102	0.051	101	22-151		0.1	29	
n-Propylbenzene	0.050	0.000	0.049	97.9	0.050	99.5	26-150		1.6	25	
Naphthalene	0.050	0.000	0.052	104	0.053	106	24-160		2.2	37	
p-Isopropyltoluene	0.050	0.000	0.050	99.3	0.051	102	28-151		2.9	27	
sec-Butylbenzene	0.050	0.000	0.049	97.9	0.050	100	32-149		2.2	26	
Styrene	0.050	0.000	0.051	102	0.052	105	38-149		2.7	23	
tert-Butylbenzene	0.050	0.000	0.049	97.0	0.049	98.3	36-149		1.3	26	
Tetrachloroethene	0.050	0.000	0.048	95.7	0.048	95.9	13-157		0.2	24	
Toluene	0.050	0.000	0.047	94.2	0.048	95.5	22-152		1.4	22	
trans-1,2-Dichloroethene	0.050	0.000	0.050	99.1	0.049	98.3	11-160		0.8	23	
trans-1,3-Dichloropropene	0.050	0.000	0.044	88.2	0.046	92.0	33-153		4.2	22	
Trichloroethene	0.050	0.000	0.049	97.7	0.049	98.1	18-163		0.4	21	
Trichlorofluoromethane	0.050	0.000	0.051	103	0.051	102	10-177		0.7	24	
Vinyl chloride	0.050	0.000	0.051	101	0.048	96.0	0-179		5.3	26	
Xylenes, Total	0.150	0.000	0.146	97.6	0.150	99.8	27-151		2.3	23	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.051	102	0.049	97.3	75-134		4.6	20	
1,1,1-Trichloroethane	0.050	0.052	104	0.049	97.2	67-137		6.5	20	
1,1,2,2-Tetrachloroethane	0.050	0.052	103	0.051	102	72-128		1.3	20	
1,1,2-Trichloroethane	0.050	0.051	102	0.049	98.1	79-123		3.5	20	
1,1,2-Trichloro-1,2,2-	0.050	0.053	106	0.048	96.7	51-149		9.0	20	
1,1-Dichloroethane	0.050	0.051	101	0.047	94.1	67-133		7.4	20	
1,1-Dichloroethene	0.050	0.054	108	0.049	98.1	60-130		9.2	20	
1,1-Dichloropropene	0.050	0.051	102	0.047	94.0	68-132		8.0	20	
1,2,3-Trichlorobenzene	0.050	0.051	101	0.049	97.4	63-138		4.0	20	
1,2,3-Trichloropropane	0.050	0.055	110	0.053	105	68-130		4.5	20	
1,2,3-Trimethylbenzene	0.050	0.050	100	0.047	94.7	70-127		5.9	20	
1,2,4-Trichlorobenzene	0.050	0.052	103	0.049	98.7	65-137		4.6	20	
1,2,4-Trimethylbenzene	0.050	0.049	99.0	0.049	97.0	72-135		2.0	20	
1,2-Dibromo-3-Chloropropane	0.050	0.055	110	0.053	107	55-134		3.2	20	
1,2-Dibromoethane	0.050	0.051	103	0.050	99.1	75-126		3.5	20	
1,2-Dichlorobenzene	0.050	0.050	99.9	0.047	94.7	75-122		5.3	20	
1,2-Dichloroethane	0.050	0.050	99.3	0.048	95.6	63-137		3.9	20	
1,2-Dichloropropane	0.050	0.052	105	0.053	105	74-122		0.2	20	
1,3,5-Trimethylbenzene	0.050	0.050	100	0.049	97.9	73-134		2.4	20	
1,3-Dichlorobenzene	0.050	0.048	96.6	0.048	95.1	73-131		1.6	20	
1,3-Dichloropropane	0.050	0.049	98.5	0.047	94.1	77-119		4.6	20	
1,4-Dichlorobenzene	0.050	0.049	97.4	0.045	90.9	70-121		6.9	20	
2,2-Dichloropropane	0.050	0.050	100	0.047	93.6	46-151		7.0	20	
2-Butanone (MEK)	0.250	0.263	105	0.250	100	53-132		4.8	20	
2-Chloroethyl vinyl ether	0.250	0.261	104	0.264	105	0-171		1.0	27	
2-Chlorotoluene	0.050	0.049	98.4	0.048	96.1	74-128		2.3	20	
4-Chlorotoluene	0.050	0.050	99.2	0.048	96.7	74-130		2.6	20	
4-Methyl-2-pentanone	0.250	0.264	106	0.262	105	60-142		1.1	20	
Acetone	0.250	0.262	105	0.248	99.2	48-134		5.3	20	
Acrolein	0.250	0.202	81.0	0.207	82.7	6-182		2.2	39	
Acrylonitrile	0.250	0.263	105	0.252	101	60-140		4.3	20	
Benzene	0.050	0.049	97.9	0.046	91.2	67-126		7.0	20	
Bromobenzene	0.050	0.049	97.3	0.047	93.9	76-123		3.5	20	
Bromodichloromethane	0.050	0.051	101	0.048	96.5	68-133		4.8	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-05, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/3/2008
Analysis Date: 11/3/2008 9:49:00 PM
Instrument ID: VOCGCMS5
Analyst: 366
Analytic Batch: WG391933 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.055	110	0.054	109	60-139		1.0	20	
Bromomethane	0.050	0.064	127	0.059	118	45-175		7.5	20	
Carbon tetrachloride	0.050	0.050	101	0.047	94.8	64-141		5.9	20	
Chlorobenzene	0.050	0.049	97.8	0.047	93.6	77-125		4.4	20	
Chlorodibromomethane	0.050	0.053	105	0.050	101	73-138		4.3	20	
Chloroethane	0.050	0.052	104	0.048	95.6	49-155		8.4	20	
Chloroform	0.050	0.050	99.0	0.047	93.4	66-126		5.9	20	
Chloromethane	0.050	0.051	102	0.046	91.9	45-152		11	20	
cis-1,2-Dichloroethene	0.050	0.051	102	0.048	95.3	72-128		7.2	20	
cis-1,3-Dichloropropene	0.050	0.050	99.8	0.047	94.8	73-131		5.1	20	
Di-isopropyl ether	0.050	0.050	100	0.047	94.8	63-139		5.8	20	
Dibromomethane	0.050	0.050	101	0.049	97.9	73-125		2.8	20	
Dichlorodifluoromethane	0.050	0.054	108	0.049	97.3	39-189		10	24	
Ethylbenzene	0.050	0.050	100	0.047	94.5	76-129		5.8	20	
Hexachloro-1,3-butadiene	0.050	0.050	99.1	0.047	94.6	67-135		4.6	20	
Isopropylbenzene	0.050	0.050	100	0.049	97.1	73-132		3.3	20	
Methyl tert-butyl ether	0.050	0.051	102	0.049	97.9	51-142		4.2	20	
Methylene Chloride	0.050	0.048	95.5	0.044	88.8	64-125		7.2	20	
n-Butylbenzene	0.050	0.051	103	0.049	97.5	63-142		5.3	20	
n-Propylbenzene	0.050	0.050	99.9	0.049	97.3	71-132		2.6	20	
Naphthalene	0.050	0.054	107	0.052	104	56-145		3.4	20	
p-Isopropyltoluene	0.050	0.051	101	0.050	99.3	68-138		2.0	20	
sec-Butylbenzene	0.050	0.050	99.1	0.049	97.6	70-135		1.5	20	
Styrene	0.050	0.053	105	0.050	100	78-130		5.1	20	
tert-Butylbenzene	0.050	0.049	98.5	0.048	96.3	72-134		2.3	20	
Tetrachloroethene	0.050	0.049	97.8	0.046	92.8	67-135		5.2	20	
Toluene	0.050	0.049	97.3	0.046	91.9	72-122		5.7	20	
trans-1,2-Dichloroethene	0.050	0.052	104	0.048	96.3	67-129		7.5	20	
trans-1,3-Dichloropropene	0.050	0.046	92.3	0.044	88.2	66-137		4.5	20	
Trichloroethene	0.050	0.050	100	0.048	95.6	74-126		4.7	20	
Trichlorofluoromethane	0.050	0.053	105	0.050	99.5	54-156		5.7	20	
Vinyl chloride	0.050	0.053	106	0.048	95.2	55-153		11	20	
Xylenes, Total	0.150	0.150	100	0.143	95.5	75-128		4.8	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372975-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.000	0.052	104	0.053	106	45-152		1.5	21	
1,1,1-Trichloroethane	0.050	0.000	0.044	88.6	0.047	94.4	31-161		6.3	23	
1,1,2,2-Tetrachloroethane	0.050	0.000	0.057	113	0.056	111	49-149		1.4	22	
1,1,2-Trichloroethane	0.050	0.000	0.050	100.0	0.050	101	46-145		0.7	20	
1,1,2-Trichloro-1,2,2-	0.050	2.30	2.38	158	2.44	288	14-168	V	2.7	24	
1,1-Dichloroethane	0.050	0.001	0.044	85.9	0.046	89.2	30-159		3.6	21	
1,1-Dichloroethene	0.050	0.000	0.062	123	0.066	131	10-162		6.7	23	
1,1-Dichloropropene	0.050	0.000	0.041	81.4	0.043	86.6	14-162		6.1	23	
1,2,3-Trichlorobenzene	0.050	0.000	0.052	104	0.056	111	32-143		6.2	33	
1,2,3-Trichloropropane	0.050	0.000	0.054	107	0.052	104	48-148		3.5	23	
1,2,3-Trimethylbenzene	0.050	0.000	0.043	85.4	0.045	89.1	36-141		4.2	25	
1,2,4-Trichlorobenzene	0.050	0.000	0.048	95.3	0.050	100	27-142		5.3	30	
1,2,4-Trimethylbenzene	0.050	0.000	0.047	94.2	0.048	95.5	29-153		1.3	27	
1,2-Dibromo-3-Chloropropane	0.050	0.000	0.056	113	0.059	118	37-148		4.1	27	
1,2-Dibromoethane	0.050	0.000	0.052	105	0.052	103	41-149		1.7	21	
1,2-Dichlorobenzene	0.050	0.000	0.045	90.7	0.047	93.8	40-139		3.4	23	
1,2-Dichloroethane	0.050	0.000	0.045	90.5	0.046	92.5	29-167		2.1	21	
1,2-Dichloropropane	0.050	0.000	0.045	90.4	0.046	92.7	39-148		2.4	20	
1,3,5-Trimethylbenzene	0.050	0.000	0.047	94.3	0.048	96.4	33-149		2.3	26	
1,3-Dichlorobenzene	0.050	0.000	0.049	97.8	0.049	98.4	32-148		0.6	24	
1,3-Dichloropropane	0.050	0.000	0.048	95.6	0.048	95.8	44-142		0.2	20	
1,4-Dichlorobenzene	0.050	0.000	0.043	86.6	0.045	89.4	32-136		3.2	23	
2,2-Dichloropropane	0.050	0.000	0.038	75.6	0.039	78.5	14-158		3.7	23	
2-Butanone (MEK)	0.250	0.000	0.285	114	0.277	111	32-151		2.7	26	
2-Chloroethyl vinyl ether	0.250	0.000	0.000	0.2	0.000	0.2	0-175		0.6	75	
2-Chlorotoluene	0.050	0.000	0.047	93.9	0.047	94.4	35-147		0.6	24	
4-Chlorotoluene	0.050	0.000	0.047	93.6	0.047	94.5	33-147		0.9	25	
4-Methyl-2-pentanone	0.250	0.000	0.264	106	0.266	106	40-160		0.7	28	
Acetone	0.250	0.000	0.257	103	0.246	98.4	25-157		4.3	26	
Acrolein	0.250	0.000	0.158	63.3	0.156	62.5	0-179		1.4	39	
Acrylonitrile	0.250	0.000	0.266	106	0.257	103	37-162		3.4	24	
Benzene	0.050	0.000	0.042	83.8	0.044	88.3	16-158		5.2	21	
Bromobenzene	0.050	0.000	0.049	97.0	0.048	96.6	37-147		0.5	23	
Bromodichloromethane	0.050	0.000	0.048	96.0	0.049	97.6	45-147		1.6	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Matrix Spike/Matrix Spike Duplicate

L372975-01

Analyte	Spike Value	Sample	MS	% Rec	MSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.000	0.049	98.8	0.050	99.0	38-152		0.2	20	
Bromomethane	0.050	0.000	0.040	79.9	0.040	81.0	0-191		1.3	35	
Carbon tetrachloride	0.050	0.000	0.043	86.8	0.046	92.4	22-168		6.2	24	
Chlorobenzene	0.050	0.000	0.048	95.1	0.048	96.3	33-148		1.3	22	
Chlorodibromomethane	0.050	0.000	0.053	106	0.054	107	48-151		1.3	21	
Chloroethane	0.050	0.000	0.039	78.0	0.041	82.6	4-176		5.7	27	
Chloroform	0.050	0.000	0.047	93.0	0.047	94.9	37-147		2.0	21	
Chloromethane	0.050	0.000	0.038	75.2	0.041	81.4	10-174		7.9	28	
cis-1,2-Dichloroethene	0.050	1.80	1.85	98.7	1.79	-25.8	29-156	J6	3.4	22	
cis-1,3-Dichloropropene	0.050	0.000	0.048	96.4	0.050	99.0	35-148		2.7	21	
Di-isopropyl ether	0.050	0.000	0.045	90.2	0.046	91.4	39-160		1.3	21	
Dibromomethane	0.050	0.000	0.049	98.0	0.049	98.6	36-152		0.6	20	
Dichlorodifluoromethane	0.050	0.064	0.111	93.1	0.118	107	0-200		6.3	26	
Ethylbenzene	0.050	0.000	0.046	91.4	0.047	94.3	29-150		3.2	24	
Hexachloro-1,3-butadiene	0.050	0.000	0.046	91.5	0.049	97.4	28-144		6.2	33	
Isopropylbenzene	0.050	0.000	0.047	93.9	0.048	96.3	35-147		2.5	25	
Methyl tert-butyl ether	0.050	0.000	0.049	97.8	0.049	97.7	24-167		0.1	22	
Methylene Chloride	0.050	0.000	0.045	89.2	0.045	90.6	23-151		1.5	21	
n-Butylbenzene	0.050	0.000	0.042	83.5	0.044	88.0	22-151		5.3	29	
n-Propylbenzene	0.050	0.000	0.046	91.5	0.046	92.7	26-150		1.3	25	
Naphthalene	0.050	0.000	0.057	113	0.059	118	24-160		3.9	37	
p-Isopropyltoluene	0.050	0.000	0.048	96.1	0.049	98.1	28-151		2.1	27	
sec-Butylbenzene	0.050	0.000	0.047	94.4	0.048	95.7	32-149		1.4	26	
Styrene	0.050	0.000	0.050	101	0.051	102	38-149		0.7	23	
tert-Butylbenzene	0.050	0.000	0.048	96.0	0.048	96.8	36-149		0.8	26	
Tetrachloroethene	0.050	0.010	0.056	92.2	0.058	96.7	13-157		3.9	24	
Toluene	0.050	0.000	0.041	81.7	0.043	86.5	22-152		5.8	22	
trans-1,2-Dichloroethene	0.050	0.008	0.046	75.8	0.049	80.5	11-160		4.9	23	
trans-1,3-Dichloropropene	0.050	0.000	0.049	97.5	0.050	99.3	33-153		1.9	22	
Trichloroethene	0.050	0.620	0.666	92.6	0.688	135	18-163		3.1	21	
Trichlorofluoromethane	0.050	0.000	0.040	79.6	0.041	81.6	10-177		2.6	24	
Vinyl chloride	0.050	0.210	0.246	71.5	0.267	115	0-179		8.4	26	
Xylenes, Total	0.150	0.000	0.140	93.4	0.144	95.7	27-151		2.5	23	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1,1,1,2-Tetrachloroethane	0.050	0.053	106	0.053	106	75-134		0.0	20	
1,1,1-Trichloroethane	0.050	0.044	87.3	0.041	83.0	67-137		5.1	20	
1,1,2,2-Tetrachloroethane	0.050	0.054	108	0.053	106	72-128		2.4	20	
1,1,2-Trichloroethane	0.050	0.050	100	0.049	97.9	79-123		2.6	20	
1,1,2-Trichloro-1,2,2-	0.050	0.049	97.3	0.045	90.6	51-149		7.1	20	
1,1-Dichloroethane	0.050	0.045	89.2	0.042	83.7	67-133		6.4	20	
1,1-Dichloroethene	0.050	0.044	88.0	0.041	81.8	60-130		7.3	20	
1,1-Dichloropropene	0.050	0.042	83.4	0.040	79.2	68-132		5.1	20	
1,2,3-Trichlorobenzene	0.050	0.053	106	0.053	106	63-138		0.6	20	
1,2,3-Trichloropropane	0.050	0.052	104	0.051	102	68-130		1.6	20	
1,2,3-Trimethylbenzene	0.050	0.045	89.1	0.043	85.9	70-127		3.6	20	
1,2,4-Trichlorobenzene	0.050	0.049	97.0	0.047	94.0	65-137		3.1	20	
1,2,4-Trimethylbenzene	0.050	0.049	98.9	0.049	97.3	72-135		1.6	20	
1,2-Dibromo-3-Chloropropane	0.050	0.053	107	0.051	101	55-134		5.3	20	
1,2-Dibromoethane	0.050	0.052	103	0.051	101	75-126		1.8	20	
1,2-Dichlorobenzene	0.050	0.047	94.2	0.045	90.7	75-122		3.7	20	
1,2-Dichloroethane	0.050	0.047	93.1	0.045	89.3	63-137		4.2	20	
1,2-Dichloropropane	0.050	0.045	90.1	0.044	87.7	74-122		2.7	20	
1,3,5-Trimethylbenzene	0.050	0.049	98.2	0.049	97.5	73-134		0.7	20	
1,3-Dichlorobenzene	0.050	0.051	102	0.050	99.5	73-131		2.3	20	
1,3-Dichloropropane	0.050	0.048	95.6	0.048	95.5	77-119		0.1	20	
1,4-Dichlorobenzene	0.050	0.045	90.0	0.043	86.0	70-121		4.5	20	
2,2-Dichloropropane	0.050	0.042	83.1	0.041	81.1	46-151		2.4	20	
2-Butanone (MEK)	0.250	0.257	103	0.241	96.3	53-132		6.4	20	
2-Chloroethyl vinyl ether	0.250	0.245	98.1	0.243	97.4	0-171		0.7	27	
2-Chlorotoluene	0.050	0.048	95.4	0.047	94.0	74-128		1.4	20	
4-Chlorotoluene	0.050	0.049	97.5	0.047	94.4	74-130		3.2	20	
4-Methyl-2-pentanone	0.250	0.254	102	0.245	97.9	60-142		3.6	20	
Acetone	0.250	0.219	87.7	0.202	80.6	48-134		8.3	20	
Acrolein	0.250	0.352	141	0.334	133	6-182		5.3	39	
Acrylonitrile	0.250	0.260	104	0.242	96.9	60-140		7.1	20	
Benzene	0.050	0.044	87.3	0.042	83.0	67-126		5.0	20	
Bromobenzene	0.050	0.050	99.1	0.049	97.3	76-123		1.8	20	
Bromodichloromethane	0.050	0.047	94.4	0.046	92.3	68-133		2.3	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Volatile Organic Compounds by Method 8260B** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 7:47:00 AM
Instrument ID: VOCMS7
Analyst: 156
Analytic Batch: WG392107 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
Bromoform	0.050	0.048	95.2	0.046	92.8	60-139		2.5	20	
Bromomethane	0.050	0.040	79.1	0.039	77.8	45-175		1.7	20	
Carbon tetrachloride	0.050	0.043	85.6	0.042	83.1	64-141		3.0	20	
Chlorobenzene	0.050	0.049	97.9	0.048	96.5	77-125		1.4	20	
Chlorodibromomethane	0.050	0.052	104	0.052	103	73-138		1.1	20	
Chloroethane	0.050	0.038	75.6	0.037	73.5	49-155		2.7	20	
Chloroform	0.050	0.045	89.1	0.042	84.7	66-126		5.0	20	
Chloromethane	0.050	0.037	73.8	0.036	72.5	45-152		1.8	20	
cis-1,2-Dichloroethene	0.050	0.046	91.7	0.044	87.8	72-128		4.3	20	
cis-1,3-Dichloropropene	0.050	0.049	98.8	0.049	97.2	73-131		1.7	20	
Di-isopropyl ether	0.050	0.046	91.9	0.044	87.2	63-139		5.2	20	
Dibromomethane	0.050	0.048	96.5	0.047	93.7	73-125		2.9	20	
Dichlorodifluoromethane	0.050	0.053	105	0.051	102	39-189		2.9	24	
Ethylbenzene	0.050	0.047	93.6	0.047	93.3	76-129		0.3	20	
Hexachloro-1,3-butadiene	0.050	0.046	91.8	0.044	89.0	67-135		3.2	20	
Isopropylbenzene	0.050	0.048	96.3	0.048	95.9	73-132		0.4	20	
Methyl tert-butyl ether	0.050	0.049	97.9	0.047	93.7	51-142		4.5	20	
Methylene Chloride	0.050	0.046	91.3	0.042	84.9	64-125		7.3	20	
n-Butylbenzene	0.050	0.043	85.4	0.042	83.1	63-142		2.7	20	
n-Propylbenzene	0.050	0.046	92.8	0.046	92.0	71-132		0.9	20	
Naphthalene	0.050	0.056	112	0.056	113	56-145		1.1	20	
p-Isopropyltoluene	0.050	0.050	99.5	0.049	98.4	68-138		1.1	20	
sec-Butylbenzene	0.050	0.048	96.4	0.047	94.5	70-135		2.1	20	
Styrene	0.050	0.053	106	0.052	105	78-130		1.2	20	
tert-Butylbenzene	0.050	0.049	97.5	0.048	96.3	72-134		1.2	20	
Tetrachloroethene	0.050	0.046	92.9	0.046	92.2	67-135		0.8	20	
Toluene	0.050	0.042	84.5	0.042	83.1	72-122		1.7	20	
trans-1,2-Dichloroethene	0.050	0.044	88.9	0.042	84.9	67-129		4.6	20	
trans-1,3-Dichloropropene	0.050	0.049	98.0	0.048	96.2	66-137		1.8	20	
Trichloroethene	0.050	0.047	93.8	0.046	91.6	74-126		2.4	20	
Trichlorofluoromethane	0.050	0.039	77.1	0.038	75.0	54-156		2.8	20	
Vinyl chloride	0.050	0.037	74.1	0.036	73.0	55-153		1.5	20	
Xylenes, Total	0.150	0.145	96.5	0.143	95.5	75-128		1.0	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

L372815

Test: **TPH C6 - C35 by Method 8015**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-04, -05, -06, -08, -01, -07, -02, -03
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/5/2008 10:26:00 PM
Instrument ID: SVGC13
Analyst: 287
Analytic Batch: WG391791

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
TPH C12 - C28		<5.00	<1.65
TPH C28 - C35		<5.00	<1.65
TPH C6 - C12		<5.00	<1.65
TPH C6 - C35		<5.00	<1.65

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TPH C12 - C28	83.3	104	125	75 - 125	
TPH C6 - C12	83.3	93.1	112	75 - 125	
TPH C6 - C35	167	197	118	75 - 125	

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TPH C12 - C28	83.3	96.7	116	75 - 125	
TPH C6 - C12	83.3	87.3	105	75 - 125	
TPH C6 - C35	167	184	110	75 - 125	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **TPH C6 - C35 by Method 8015** L372815

Matrix: Water - mg/L

Project: Tract 10 Delineation

Project No: Hou 08 1377

Login No: L372815

Sample Number: L372815-04, -05, -06, -08, -01, -07, -02, -03

Sample Date: 10/31/2008

Extraction Date: 11/2/2008

Analysis Date: 11/5/2008 10:26:00 PM

Instrument ID: SVGC13

Analyst: 287

Analytic Batch: WG391791 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	% Qualifier RPD	Control Limits Qualifier
TPH C12 - C28	83.3	104	125	96.7	116	75-125	7.3	20
TPH C6 - C12	83.3	93.1	112	87.3	105	75-125	6.5	20
TPH C6 - C35	167	197	118	184	110	75-125	6.9	20

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Semi-volatile Organic Compounds by Method 8270C-SIM** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -06, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 8:31:00 PM
Instrument ID: BNAMS3
Analyst: 228
Analytic Batch: WG391831 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
1-Methylnaphthalene	90-12-0	<0.010	<0.0033
2-Methylnaphthalene	91-57-6	<0.010	<0.0033
Acenaphthene	83-32-9	<0.010	<0.0033
Acenaphthylene	208-96-8	<0.010	<0.0033
Anthracene	120-12-7	<0.010	<0.0033
Benzo(a)anthracene	56-55-3	<0.010	<0.0033
Benzo(a)pyrene	50-32-8	<0.010	<0.0033
Benzo(b)fluoranthene	205-99-2	<0.010	<0.0033
Benzo(g,h,i)perylene	191-24-2	<0.010	<0.0033
Benzo(k)fluoranthene	207-08-9	<0.010	<0.0033
Chrysene	218-01-9	<0.010	<0.0033
Dibenz(a,h)anthracene	53-70-3	<0.010	<0.0033
Fluoranthene	206-44-0	<0.010	<0.0033
Fluorene	86-73-7	<0.010	<0.0033
Indeno(1,2,3-cd)pyrene	193-39-5	<0.010	<0.0033
Naphthalene	91-20-3	<0.010	<0.0033
Phenanthrene	85-01-8	<0.010	<0.0033
Pyrene	129-00-0	<0.010	<0.0033

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Semi-volatile Organic Compounds by Method 8270C-SIM** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -06, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 8:31:00 PM
Instrument ID: BNAMS3
Analyst: 228
Analytic Batch: WG391831 EPA ID: TN00003

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1-Methylnaphthalene	0.001	0.001	82.9	30 - 123	
2-Methylnaphthalene	0.001	0.001	86.8	29 - 116	
Acenaphthene	0.001	0.001	98.1	40 - 113	
Acenaphthylene	0.001	0.001	93.5	36 - 115	
Anthracene	0.001	0.001	92.0	45 - 118	
Benzo(a)anthracene	0.001	0.001	92.0	36 - 129	
Benzo(a)pyrene	0.001	0.001	91.0	44 - 124	
Benzo(b)fluoranthene	0.001	0.001	95.4	43 - 126	
Benzo(g,h,i)perylene	0.001	0.001	101	39 - 128	
Benzo(k)fluoranthene	0.001	0.001	83.7	44 - 127	
Chrysene	0.001	0.001	90.5	36 - 137	
Dibenz(a,h)anthracene	0.001	0.001	96.1	39 - 129	
Fluoranthene	0.001	0.001	108	45 - 123	
Fluorene	0.001	0.001	98.0	41 - 118	
Indeno(1,2,3-cd)pyrene	0.001	0.001	101	39 - 129	
Naphthalene	0.001	0.001	76.4	26 - 111	
Phenanthrene	0.001	0.001	91.2	41 - 116	
Pyrene	0.001	0.001	91.2	32 - 136	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Semi-volatile Organic Compounds by Method 8270C-SIM** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -06, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 8:31:00 PM
Instrument ID: BNAMS3
Analyst: 228
Analytic Batch: WG391831 EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
1-Methylnaphthalene	0.001	0.001	78.7	30 - 123	
2-Methylnaphthalene	0.001	0.001	78.8	29 - 116	
Acenaphthene	0.001	0.001	91.8	40 - 113	
Acenaphthylene	0.001	0.001	86.4	36 - 115	
Anthracene	0.001	0.001	82.5	45 - 118	
Benzo(a)anthracene	0.001	0.001	81.0	36 - 129	
Benzo(a)pyrene	0.001	0.001	81.4	44 - 124	
Benzo(b)fluoranthene	0.001	0.001	86.6	43 - 126	
Benzo(g,h,i)perylene	0.001	0.001	91.9	39 - 128	
Benzo(k)fluoranthene	0.001	0.001	74.4	44 - 127	
Chrysene	0.001	0.001	81.7	36 - 137	
Dibenz(a,h)anthracene	0.001	0.001	84.0	39 - 129	
Fluoranthene	0.001	0.001	97.0	45 - 123	
Fluorene	0.001	0.001	87.0	41 - 118	
Indeno(1,2,3-cd)pyrene	0.001	0.001	89.7	39 - 129	
Naphthalene	0.001	0.001	74.5	26 - 111	
Phenanthrene	0.001	0.001	81.3	41 - 116	
Pyrene	0.001	0.001	81.5	32 - 136	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Semi-volatile Organic Compounds by Method 8270C-SIM** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -06, -07, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/5/2008 8:31:00 PM
Instrument ID: BNAMS3
Analyst: 228
Analytic Batch: WG391831 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
1-Methylnaphthalene	0.001	0.001	82.9	0.001	78.7	30-123		5.2	32	
2-Methylnaphthalene	0.001	0.001	86.8	0.001	78.8	29-116		9.7	31	
Acenaphthene	0.001	0.001	98.1	0.001	91.8	40-113		6.7	25	
Acenaphthylene	0.001	0.001	93.5	0.001	86.4	36-115		8.0	25	
Anthracene	0.001	0.001	92.0	0.001	82.5	45-118		11	26	
Benzo(a)anthracene	0.001	0.001	92.0	0.001	81.0	36-129		13	26	
Benzo(a)pyrene	0.001	0.001	91.0	0.001	81.4	44-124		11	21	
Benzo(b)fluoranthene	0.001	0.001	95.4	0.001	86.6	43-126		9.7	38	
Benzo(g,h,i)perylene	0.001	0.001	101	0.001	91.9	39-128		9.2	20	
Benzo(k)fluoranthene	0.001	0.001	83.7	0.001	74.4	44-127		12	39	
Chrysene	0.001	0.001	90.5	0.001	81.7	36-137		10	22	
Dibenz(a,h)anthracene	0.001	0.001	96.1	0.001	84.0	39-129		13	20	
Fluoranthene	0.001	0.001	108	0.001	97.0	45-123		11	25	
Fluorene	0.001	0.001	98.0	0.001	87.0	41-118		12	26	
Indeno(1,2,3-cd)pyrene	0.001	0.001	101	0.001	89.7	39-129		12	20	
Naphthalene	0.001	0.001	76.4	0.001	74.5	26-111		2.5	32	
Phenanthrene	0.001	0.001	91.2	0.001	81.3	41-116		11	25	
Pyrene	0.001	0.001	91.2	0.001	81.5	32-136		11	22	

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Polychlorinated Biphenyls by Method 8082** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06, -07
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/3/2008 11:38:00 PM
Instrument ID: SVGC24
Analyst: 232
Analytic Batch: WG391767 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
4,4-DDD		<0.0005	<0.00016
4,4-DDE		<0.0005	<0.00016
4,4-DDT		<0.0005	<0.00016
Aldrin		<0.0005	<0.00016
Alpha BHC		<0.0005	<0.00016
alpha-Chlordane		<0.0005	<0.00003
Beta BHC		<0.0005	<0.00016
Chlordane		<0.0050	<0.00165
Chlorpyrifos		<0.0007	<0.00024
Delta BHC		<0.0005	<0.00016
Dieldrin		<0.0005	<0.00016
Endosulfan I		<0.0005	<0.00016
Endosulfan II		<0.0005	<0.00016
Endosulfan sulfate		<0.0005	<0.00016
Endrin		<0.0005	<0.00016
Endrin aldehyde		<0.0005	<0.00016
Endrin ketone		<0.0005	<0.00016
Gamma BHC		<0.0005	<0.00016
gamma-Chlordane		<0.0005	<0.00002
Heptachlor		<0.0005	<0.00016
Heptachlor epoxide		<0.0005	<0.00016
Hexachlorobenzene		<0.0005	<0.00016
Methoxychlor		<0.0005	<0.00016
PCB 1016		<0.0005	<0.00016
PCB 1221		<0.0005	<0.00016
PCB 1232		<0.0005	<0.00016
PCB 1242		<0.0005	<0.00016
PCB 1248		<0.0005	<0.00016
PCB 1254		<0.0005	<0.00016
PCB 1260		<0.0005	<0.00016
Toxaphene		<0.0100	<0.00330

Laboratory Control Sample (LCS)

	True	Recovery	Control

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Polychlorinated Biphenyls by Method 8082** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/4/2008 5:42:00 PM
Instrument ID: SVGC23
Analyst: 298
Analytic Batch: WG391829 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
4,4-DDD		<0.0005	<0.00016
4,4-DDE		<0.0005	<0.00016
4,4-DDT		<0.0005	<0.00016
Aldrin		<0.0005	<0.00016
Alpha BHC		<0.0005	<0.00016
alpha-Chlordane		<0.0005	<0.00003
Beta BHC		<0.0005	<0.00016
Chlordane		<0.0050	<0.00165
Chlorpyrifos		<0.0007	<0.00024
Delta BHC		<0.0005	<0.00016
Dieldrin		<0.0005	<0.00016
Endosulfan I		<0.0005	<0.00016
Endosulfan II		<0.0005	<0.00016
Endosulfan sulfate		<0.0005	<0.00016
Endrin		<0.0005	<0.00016
Endrin aldehyde		<0.0005	<0.00016
Endrin ketone		<0.0005	<0.00016
Gamma BHC		<0.0005	<0.00016
gamma-Chlordane		<0.0005	<0.00002
Heptachlor		<0.0005	<0.00016
Heptachlor epoxide		<0.0005	<0.00016
Hexachlorobenzene		<0.0005	<0.00016
Methoxychlor		<0.0005	<0.00016
PCB 1016		<0.0005	<0.00016
PCB 1221		<0.0005	<0.00016
PCB 1232		<0.0005	<0.00016
PCB 1242		<0.0005	<0.00016
PCB 1248		<0.0005	<0.00016
PCB 1254		<0.0005	<0.00016
PCB 1260		<0.0005	<0.00016
Toxaphene		<0.0100	<0.00330

Laboratory Control Sample (LCS)

True Recovery Control

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Polychlorinated Biphenyls by Method 8082** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-06, -07
Sample Date: 10/31/2008
Extraction Date: 11/2/2008
Analysis Date: 11/3/2008 11:38:00 PM
Instrument ID: SVGC24
Analyst: 232
Analytic Batch: WG391767 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	RPD	Control Limits	Qualifier
PCB 1260	0.500	0.368	73.6	0.585	117	37-142		46	39	J3

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **Polychlorinated Biphenyls by Method 8082** L372815

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L372815
Sample Number: L372815-01, -02, -03, -04, -05, -08
Sample Date: 10/31/2008
Extraction Date: 11/4/2008
Analysis Date: 11/4/2008 5:42:00 PM
Instrument ID: SVGC23
Analyst: 298
Analytic Batch: WG391829 EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	Spike	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
PCB 1260	0.500	0.410	82.0	0.476	95.2	37-142		15	39	

Envirotest

3902 Braxton St.
Houston,TX 77063

Alternate billing information:

Chain of Custody
Page 1 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
B044
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Matt Monroe
Email: mmonroe@envirotestltd.com

Project Description: Tract 10 Delineation
City/State Collected: Houston TX

Phone: (713) 782-4411
FAX:
Client Project #: Hou 08 1377
Lab Project #: ENVTESTX-HOU081377
Collected by (print): M. Monroe
Site/Facility ID#:
P.O.#:
Collected by (signature):
Immediately Packed on Ice: N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day.....100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: NAT
Email? ___No X Yes
FAX? ___No ___Yes

Acctnum: ENVTESTX (lab use only)
Template/Prelogin: T54307/ P261472
Cooler #: 10/27/08
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	MRCRA8+Sb,Be,Ni,Cu,Z 500mlHDPE-HNO3	SV8082 1L-Amb NoPres	SV8270PAHSIM 1L-Amb NoPres	TPHTX 60ml Amb-HCl	V8260 40ml Amb-HCl			Remarks/Contaminant	Sample # (lab only)
MW-1S	Grab	GW	—	10-31-08	1255	9	X	X	X	X	X				372815-01
MW-2S	"	GW	—	"	1148	9	X	X	X	X	X				02
MW-3S	"	GW	—	"	1215	9	X	X	X	X	X				03
MW-4S	"	GW	—	"	1240	9	X	X	X	X	X				04
MW-5S	"	GW	—	"	1430	9	X	X	X	X	X				05
MW-1D	"	GW	—	10-30-08	1324	9	X	X	X	X	X				06
MW-2D	"	GW	—	"	1435	9	X	X	X	X	X				07
MW-3D	"	GW	—	10-31-08	1034	9	X	X	X	X	X				08
~~Matt~~		GW				9	X	X	X	X	X				

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10-31-08	510	10-31-08
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☑ SWA
Temp: 3.1°C Bottles Received: 72346
Date: 11-1-08 Time: 13:30

Condition: OK (lab use only)
COC Seal Intact: Y N NA
pH Checked: 4-8 NCF:

Environmental Science Corporation
Mount Juliet, TN

For: Envirotest
Tract 10 Delineation

L374894

Lab SampleID.	Client ID
L374894-01	SB-2 0-2FT
L374894-02	MW-1D

(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

EST. 1970

Appendix A Laboratory Data Package Cover Page

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 Sample identification cross-reference;

R3 Test reports (analytical data sheets) for each environmental sample that includes:

a) Items consistent with NELAC 5.13 or ISO/IEC 17025 Section 5.10
b) dilution factors,
c) preparation methods,
d) cleanup methods, and
e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:

a) Calculated recovery (%R), and
b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amounts,
b) Calculated %R for each analyte, and
c) The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %Rs and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits

R8 Laboratory analytical duplicate (if applicable) recovery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) for each analyte for each method and matrix;

R10 Other problems or anomalies.

The Exception Report for every "No" or "Not Reviewed (NR)" item in laboratory review checklist.

Release Statement: I am responsible for the release of this laboratory data package. This data package has been reviewed by the laboratory and is complete and technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory as having the potential to affect the quality of the data, have been identified by the laboratory in the Laboratory Review Checklist, and no information or data have been knowingly withheld that would affect the quality of the data.

Check, if applicable: [ ] This laboratory is an in-house laboratory controlled by the person responding to rule. The official signing the cover page of the rule-required report (for example, the APAR) in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

William Mock
Operations Manager
Environmental Science Corp.

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/20/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894-01
Reviewer Name: ESC Representative	Prep Batch Number(s): WG389036 TS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/20/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894-01
Reviewer Name: ESC Representative	Prep Batch Number(s): WG389036 TS

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?			✓		
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?			✓		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?			✓		
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?			✓		
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?	✓				
		Were analytical duplicates analyzed at the appropriate frequency?	✓				
		Were RPDs or relative standard deviations within the laboratory QC limits?	✓				
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/20/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894-01
Reviewer Name: ESC Representative	Prep Batch Number(s): WG389357 TPHTX1006

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?		✓			1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/20/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894
Reviewer Name: ESC Representative	Prep Batch Numbers: WG389357 TPHTX1006

Sample(s) SB-2 0-2FT were analyzed for TPH by Method TX1006

ER#:	Description
1	The method blank contained target analytes above the method reporting limit.

Appendix A (cont'd): Laboratory Review Checklist: Reportable Data

Laboratory Name: Environmental Science	LRC Date: 11/20/08
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894-02
Reviewer Name: ESC Representative	Prep Batch Number(s): WG391791 TPHTX1006

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-custody (C-O-C)					
R1	OI	Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample quantitation limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?	✓				
		Were % moisture (or solids) reported for all soil and sediment samples?	✓				
		If required for the project, TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?		✓			1
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SQLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?			✓		
		Were MS/MSD analyzed at the appropriate frequency?			✓		
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			✓		
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Were all necessary corrective actions performed for the reported data?	✓				
		Was applicable and available technology used to lower the SQL minimize the matrix interference affects on the sample results?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Appendix A (cont'd): Laboratory Review Checklist: Exception Reports

Laboratory Name: Environmental Science Corp.	LRC Date: 11/20/2008
Project Name: Tract 10 Delineation	Laboratory Job Number: L374894
Reviewer Name: ESC Representative	Prep Batch Numbers: WG391791 TPHTX1006

Sample(s) MW-1D were analyzed for TPH by Method TX1006

ER#:	Description
1	The method blank contained target analytes above the method reporting limit.

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Matt Monroe
Envirotest
3902 Braxton St.

Houston, TX 77063

Report Summary

Wednesday November 19, 2008

Report Number: L374894
Samples Received: 10/11/08
Client Project: Hou 08 1377

Description: Tract 10 Delineation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Mark W. Beasley, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

2 Samples Reported: 11/19/08 11:05 Printed: 11/19/08 13:23

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

November 19, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L374894-01

Date Received : October 11, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : SB-2 0-2FT

Project # : Hou 08 1377

Collected By : M Monroe
Collection Date : 10/10/08 12:30

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	95.9			%		2540G	10/17/08	1
TNRCC Method 1006 - TPH								
C6 Aliphatics	U	3.3	10.	mg/kg	B3	TX 1006	11/17/08	1
C6-C8 Aliphatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C8-C10 Aliphatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C10-C12 Aliphatics	6.0	3.3	10.	mg/kg	J	TX 1006	11/17/08	1
C12-C16 Aliphatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C16-C21 Aliphatics	16.	3.3	10.	mg/kg		TX 1006	11/17/08	1
C21-C35 Alphatics	140	6.6	21.	mg/kg		TX 1006	11/17/08	1
C7-C8 Aromatics(Toluene only)	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C8-C10 Aromatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C10-C12 Aromatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C12-C16 Aromatics	U	3.3	10.	mg/kg		TX 1006	11/17/08	1
C16-C21 Aromatics	24.	3.3	10.	mg/kg		TX 1006	11/17/08	1
C21-C35 Aromatics	170	6.6	21.	mg/kg		TX 1006	11/17/08	1

Results listed are dry weight basis.
U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:

The reported analytical results relate only to the sample submitted
Reported: 11/19/08 11:05 Printed: 11/19/08 13:23

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SCIENCE CORP.

12065 Lebanon Rd.
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

November 19, 2008

Matt Monroe
Envirotest
3902 Braxton St.
Houston, TX 77063

ESC Sample # : L374894-02

Date Received : November 01, 2008
Description : Tract 10 Delineation

Site ID :

Sample ID : MW-1D

Project # : Hou 08 1377

Collected By : M. Monroe
Collection Date : 10/30/08 13:34

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
TNRCC Method 1006 - TPH								
C6 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C6-C8 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C8-C10 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C10-C12 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C12-C16 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C16-C21 Aliphatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C21-C35 Alphatics	4.0	1.2	3.7	mg/l		TX 1006	11/17/08	1.85
C7-C8 Aromatics(Toluene only)	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C8-C10 Aromatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C10-C12 Aromatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C12-C16 Aromatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C16-C21 Aromatics	U	0.61	1.9	mg/l		TX 1006	11/17/08	1.85
C21-C35 Aromatics	4.0	1.2	3.7	mg/l	B	TX 1006	11/17/08	1.85

U = ND (Not Detected)
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.

.
Reported: 11/19/08 11:05 Printed: 11/19/08 13:23

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L374894-01	WG389357	SAMP	C6 Aliphatics	R509026	B3
	WG389357	SAMP	C10-C12 Aliphatics	R509026	J
L374894-02	WG391791	SAMP	C21-C35 Aromatics	R528615	B

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.
B3	(ESC) - The indicated compound was found in the associated method blank, but all reported samples were non-detect.
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
11/19/08 at 13:23:35

TSR Signing Reports: 134
R5 - Desired TAT

Client wants pH reported on all SS requesting metals per JB Arsenic H2O log method 6020

Sample: L374894-01 Account: ENVTESTX Received: 10/11/08 19:00 Due Date: 11/19/08 00:00 RPT Date: 11/19/08 11:05
Use extract from L369746-04
Sample: L374894-02 Account: ENVTESTX Received: 11/01/08 13:30 Due Date: 11/19/08 00:00 RPT Date: 11/19/08 11:05
Use extract from L372815-06

Environmental Science Corporation

Quality Control Summary

Envirotest

L374894

Test: **Total Solids by Method 2540G**
Matrix: Soil - mg/kg
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-01
Sample Date: 10/10/2008
Extraction Date: 10/16/2008
Analysis Date: 10/17/2008 3:40:00 PM
Instrument ID: BAL
Analyst: 242
Analytic Batch: WG389036

EPA ID: TN00003

Method Blank

Analyte	CAS	Results
Total Solids		**0.000**

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
Total Solids	50.0	50.0	100	85 - 115	

Environmental Science Corporation

Quality Control Summary

Envirotest

L374894

Test: **Total Solids by Method 2540G**
Matrix: Soil - mg/kg
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-01
Sample Date: 10/10/2008
Extraction Date: 10/16/2008
Analysis Date: 10/17/2008 3:40:00 PM
Instrument ID: BAL
Analyst: 242
Analytic Batch: WG389036

EPA ID: TN00003

Sample Duplicate

L369746-03

Name	Sample Results	Results Duplicate	%RPD	Limit	Qualifiers
Total Solids	84.1	84.0	0.1	5	

Environmental Science Corporation

Quality Control Summary

Envirotest

L374894

Test: **TPH by Method TX1006**
Matrix: Soil - mg/kg
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-01
Sample Date: 10/10/2008
Extraction Date: 10/17/2008
Analysis Date: 11/17/2008
Instrument ID: SVGC13
Analyst: 287
Analytic Batch: WG389357

EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
C10-C12 Aliphatics		<25.0	<8.25
C10-C12 Aromatics		<25.0	<8.25
C12-C16 Aliphatics		<25.0	<8.25
C12-C16 Aromatics		<25.0	<8.25
C16-C21 Aliphatics		<10.0	<3.30
C16-C21 Aromatics		<25.0	<8.25
C21-C35 Alphatics		<20.0	<6.60
C21-C35 Aromatics		<25.0	<8.25
C6 Aliphatics		1630 B	1630
C6-C8 Aliphatics		<10.0	<3.30
C8-C10 Aliphatics		<10.0	<3.30
C8-C10 Aromatics		<10.0	<3.30

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TX1006	1000	860	86.0		60 - 140

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TX1006	1000	881	88.1		60 - 140

Environmental Science Corporation

Quality Control Summary

Envirotest

Test: **TPH by Method TX1006** L374894

Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-02
Sample Date: 10/10/2008
Extraction Date: 11/2/2008
Analysis Date: 11/17/2008
Instrument ID: SVGC13
Analyst: 287
Analytic Batch: WG391791 EPA ID: TN00003

Method Blank

Analyte	CAS	PQL	MDL
C10-C12 Aliphatics		<0.150	<0.0495
C10-C12 Aromatics		<0.150	<0.0495
C12-C16 Aliphatics		<0.150	<0.0495
C12-C16 Aromatics		<0.150	<0.0495
C16-C21 Aliphatics		<1.00	<0.330
C16-C21 Aromatics		<0.150	<0.0495
C21-C35 Alphatics		<2.00	<0.660
C21-C35 Aromatics		0.662 B	0.662
C6 Aliphatics		<1.00	<0.330
C6-C8 Aliphatics		<1.00	<0.330
C8-C10 Aliphatics		<1.00	<0.330
C8-C10 Aromatics		<1.00	<0.330

Laboratory Control Sample (LCS)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TX1006	500	394	78.8		60 - 140

Laboratory Control Sample Duplicate (LCSD)

Analyte	True Value	Found	Recovery %	Control Limits	Qualifiers
TX1006	500	368	73.6		60 - 140

Environmental Science Corporation

Quality Control Summary

Envirotest

L374894

Test: **TPH by Method TX1006**
Matrix: Soil - mg/kg
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-01
Sample Date: 10/10/2008
Extraction Date: 10/17/2008
Analysis Date: 11/17/2008
Instrument ID: SVGC13
Analyst: 287
Analytic Batch: WG389357

EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
TX1006	860	86.0	881	88.1	60-140		2.4	20	

Environmental Science Corporation

Quality Control Summary

Envirotest

L374894

Test: **TPH by Method TX1006**
Matrix: Water - mg/L
Project: Tract 10 Delineation
Project No: Hou 08 1377
Login No: L374894
Sample Number: L374894-02
Sample Date: 10/10/2008
Extraction Date: 11/2/2008
Analysis Date: 11/17/2008
Instrument ID: SVGC13
Analyst: 287
Analytic Batch: WG391791

EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

Analyte	LCS	% Rec	LCSD	% Rec	Control Limits	Qualifier	% RPD	Control Limits	Qualifier
TX1006	394	78.8	368	73.6	60-140		6.8	20	

Company Name/Address:

Envirotest

3902 Braxton St.
Houston, TX 77063

Alternate billing Information:

Analysis/Container/Preservative

Chain of Custody Page 1 of 2

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Matt Monroe

Email to: MMonroe@envirotechlabs.com

Project Description: Tract 10 Delineation

City/State Collected: Houston TX

Phone: (713) 782-4411
FAX:

Client Project #: HOU08137

ESC Key:

Collected by: M Monroe

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
Three Day.....25%

Date Results Needed: AT AT

Email? __No X Yes
FAX? __No__Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TX 1005	PAHs	VOCs	RCRA Metals	pH / Cl / TDS	Remarks/Contaminant	Sample # (lab only)
SB-1 0-4	Grab	SS	0-4	10/10/08	1100	4	X	X	X	X	X		
SB-1 8-12	"	"	8-12	"	1110	4							
SB-1 20-24	"	"	20-24	"	1125	4							
SB-2 0-2	"	"	0-2	"	1230	4						L374894-01	
SB-2 4-8	"	"	4-8	"	1235	4							
SB-2 22-24	"	"	22-24	"	1255	4							
MW-4S 2-4	"	"	2-4	"	850	4							
MW-4S 12-14	"	"	12-14	"	905	4							
MW-4S 18-20	"	"	18-20	"	910	4							

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: Refer to L369746, L372815

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/11/08	1PM	10-11-8
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☒ Client

Condition: (lab use only)

Envirotest

3902 Braxton St.
Houston,TX 77063

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
B044
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Matt Monroe
Email: mmonroe@envirotestltd.com

Project Description: Tract 10 Delineation
City/State Collected: Houston TX

Phone: (713) 782-4411
FAX:
Client Project #: Hou 08 1377
Lab Project #: ENVTESTX-HOU081377

Collected by (print): M Monroe
Site/Facility ID#:
P.O.#:

Collected by (signature):
Immediately Packed on Ice: N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: NPAT
Email? ___No X Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	MRCRA8+Sb,Be,Ni,Cu,Zn 250mlHDPE HNO3	SV8082 1L-Amb NoPres	SV8270PAHSIM 1L-Amb NoPres	TPHTX 60mlAmb-HCl			Remarks/Contaminant	Sample # (lab only)
MW-1S	Grab	GW	—	10-31-08	1255	9	X	X	X	X	X			
MW-2S	"	GW	—	"	1148	9	X	X	X	X				
MW-3S	"	GW	—	"	1215	9	X	X	X	X				
MW-4S	"	GW	—	"	1340	9	X	X	X	X				
MW-5S	"	GW	—	"	1430	9	X	X	X	X				
MW-1D	"	GW	—	10-30-08	1334	9	X	X	X	X	X		L374894-02	
MW-2D	"	GW	—	"	1435	9	X	X	X	X				
MW-3D	"	GW	—	10-31-08	1034	9	X	X	X	X	X			
~~[illegible]~~		GW				9	X	X	X	X	X			

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☑ SWA
	10-31-08	510		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] Bottles received: [illegible]
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11-1-08 Time: 1300 pH checked: [illegible]

10-31-08

COC Seal Intact: NA

L374894

Jonah Huckabay

From: Mark Beasley
Sent: Thursday, November 13, 2008 9:05 AM
To: Login
Subject: *ENVTESTX* relogs

Relog the following samples as R5 due 11/19, transfer TS results:

L369746-04 for TPHTX1006, TS, QCTX
L372815-06 for TPHTX1006, QCTX

Log these under the same L#.

Thanks
Mark Beasley
Environmental Science Corp
Phone: 800-767-5859 ext 176
Email: mbeasley@envsci.com

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

June 03, 2021

Mike Marcon
InControl Technologies
14731 Pebble Bend Drive
Houston, TX 77068

Work Order: **HS21051431**

Laboratory Results for: **N. Velasco Street**

Dear Mike Marcon,

ALS Environmental received 8 sample(s) on May 27, 2021 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Bernadette Fini

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

Client:	InControl Technologies
Project:	N. Velasco Street
WorkOrder:	**HS21051431**

TRRP Laboratory Data Package Cover Page

This data package consists of all or some of the following as applicable:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;

R2 Sample identification cross-reference;

R3 Test reports (analytical data sheets) for each environmental sample that includes:

a) Items consistent with NELAC Chapter 5,
b) dilution factors,
c) preparation methods,
d) cleanup methods, and
e) if required for the project, tentatively identified compounds (TICs).

R4 Surrogate recovery data including:

a) Calculated recovery (%R), and
b) The laboratory's surrogate QC limits.

R5 Test reports/summary forms for blank samples;

R6 Test reports/summary forms for laboratory control samples (LCSs) including:

a) LCS spiking amounts,
b) Calculated %R for each analyte, and
c)The laboratory's LCS QC limits.

R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a) Samples associated with the MS/MSD clearly identified,
b) MS/MSD spiking amounts,
c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
d) Calculated %Rs and relative percent differences (RPDs), and
e) The laboratory's MS/MSD QC limits.

R8 Laboratory analytical duplicate (if applicable) recovery and precision:

a) the amount of analyte measured in the duplicate,
b) the calculated RPD, and
c) the laboratory's QC limits for analytical duplicates.

R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 Other problems or anomalies.
The Exception Report for each "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Client:	InControl Technologies
Project:	N. Velasco Street
WorkOrder:	**HS21051431**

TRRP Laboratory Data Package Cover Page

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the attached exception reports. By my signature below, I affirm to the best of my knowledge, all problems/anomalies, observed by the laboratory have been identified by the laboratory in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: [NA] This laboratory meets an exception under 30 TAC §25.6 and was last inspected by [ ] TCEQ or [ ] _____ on (enter date of last inspection). Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Bernadette A. Fini
Project Manager

Laboratory Review Checklist: Reportable Data							
Laboratory Name: ALS Laboratory Group			LRC Date: 06/03/2021				
Project Name: N. Velasco Street			Laboratory Job Number: HS21051431				
Reviewer Name: Bernadette Fini			Prep Batch Number(s): 166350,166351,166389,166438,166474				
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?	X				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?			X		
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW-846 Method 5035?			X		
		If required for the project, TICs reported?			X		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			1
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Were all necessary corrective actions performed for the reported data?	X				
		Was applicable and available technology used to lower the SDL and minimize the matrix interference affects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Program for the analytes, matrices and methods associated with this laboratory data package?	X				

Laboratory Review Checklist: Supporting Data							
Laboratory Name: ALS Laboratory Group			LRC Date: 06/03/2021				
Project Name: N. Velasco Street			Laboratory Job Number: HS21051431				
Reviewer Name: Bernadette Fini			Prep Batch Number(s): 166350,166351,166389,166438,166474				
#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB)**					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass spectral tuning:**					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal standards (IS):**					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw data** (NELAC section 1 appendix A glossary, and section 5.12 or ISO/IEC 17025 section					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively identified compounds (TICs):**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) results:**					
		Were percent recoveries within method QC limits?	X				
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency test reports:**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5C or ISO/IEC 4?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/validation documentation for methods** (NELAC Chap 5 or ISO/IEC 17025 Section 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory standard operating procedures (SOPs):**					
		Are laboratory SOPs current and on file for each method performed?	X				

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable);
NA = Not Applicable;
NR = Not Reviewed;
R# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Exception Reports	
Laboratory Name: ALS Laboratory Group	LRC Date: 06/03/2021
Project Name: N. Velasco Street	Laboratory Job Number: HS21051431
Reviewer Name: Bernadette Fini	Prep Batch Number(s): 166350,166351,166389,166438,166474

ER#[5]	Description
1	Batch 166350, Dissolved Metals Method SW6020, sample HS21050978-01, MS and MSD were performed on unrelated sample Batch 166350, Dissolved Metals Method SW6020, sample HS21050984-04, MSD was performed on unrelated sample

Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
O = Organic Analyses; I = Inorganic Analyses (and general chemistry, when applicable);
NA = Not Applicable;
NR = Not Reviewed;
R# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Client: InControl Technologies
Project: N. Velasco Street
Work Order: HS21051431

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS21051431-01	MW-1S	Water		26-May-2021 14:36	27-May-2021 14:18	☐
HS21051431-02	MW-3S	Water		26-May-2021 13:16	27-May-2021 14:18	☐
HS21051431-03	MW-4S	Water		26-May-2021 15:31	27-May-2021 14:18	☐
HS21051431-04	MW-1D	Water		26-May-2021 16:01	27-May-2021 14:18	☐
HS21051431-05	MW-2D	Water		26-May-2021 13:11	27-May-2021 14:18	☐
HS21051431-06	MW-3D	Water		26-May-2021 14:11	27-May-2021 14:18	☐
HS21051431-07	MW-2D (Dissolved)	Water		26-May-2021 13:11	27-May-2021 14:18	☐
HS21051431-08	Trip Blank	Water	CG-031621-202	26-May-2021 00:00	27-May-2021 14:18	☐

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-1S
Collection Date: 26-May-2021 14:36

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-01
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005	**Method:TX1005**				Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12	U		0.20	0.50	mg/L	1	31-May-2021 14:32
>nC12 to nC28	U		0.20	0.50	mg/L	1	31-May-2021 14:32
>nC28 to nC35	U		0.20	0.50	mg/L	1	31-May-2021 14:32
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	31-May-2021 14:32
Surr: 2-Fluorobiphenyl	*86.9*			*70-130*	*%REC*	*1*	*31-May-2021 14:32*
Surr: Trifluoromethyl benzene	*96.5*			*70-130*	*%REC*	*1*	*31-May-2021 14:32*
ICP-MS METALS BY SW6020A	**Method:SW6020A**				Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.00188**	J	**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:13
Barium	**0.0748**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:13
Cadmium	**0.00137**	J	**0.000200**	**0.00200**	**mg/L**	1	02-Jun-2021 22:13
Chromium	**0.000804**	J	**0.000400**	**0.00400**	**mg/L**	1	02-Jun-2021 22:13
Lead	**0.00976**		**0.000600**	**0.00200**	**mg/L**	1	02-Jun-2021 22:13
Selenium	**0.00486**		**0.00110**	**0.00200**	**mg/L**	1	02-Jun-2021 22:13
Silver	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:13
MERCURY BY SW7470A	**Method:SW7470A**				Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	U		0.0000300	0.000200	mg/L	1	02-Jun-2021 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-3S
Collection Date: 26-May-2021 13:16

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-02
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005		**Method:TX1005**			Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12	U		0.20	0.50	mg/L	1	31-May-2021 21:24
>nC12 to nC28	U		0.20	0.50	mg/L	1	31-May-2021 21:24
>nC28 to nC35	U		0.20	0.50	mg/L	1	31-May-2021 21:24
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	31-May-2021 21:24
Surr: 2-Fluorobiphenyl	*78.8*			*70-130*	*%REC*	*1*	*31-May-2021 21:24*
Surr: Trifluoromethyl benzene	*88.7*			*70-130*	*%REC*	*1*	*31-May-2021 21:24*
ICP-MS METALS BY SW6020A		**Method:SW6020A**			Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.00399**		**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:27
Barium	**0.279**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:27
Cadmium	**0.000744**	J	**0.000200**	**0.00200**	**mg/L**	1	02-Jun-2021 22:27
Chromium	U		0.000400	0.00400	mg/L	1	02-Jun-2021 22:27
Lead	**0.00321**		**0.000600**	**0.00200**	**mg/L**	1	02-Jun-2021 22:27
Selenium	**0.00192**	J	**0.00110**	**0.00200**	**mg/L**	1	02-Jun-2021 22:27
Silver	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:27
MERCURY BY SW7470A		**Method:SW7470A**			Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	U		0.0000300	0.000200	mg/L	1	02-Jun-2021 14:19

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-4S
Collection Date: 26-May-2021 15:31

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-03
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005		**Method:TX1005**			Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12	U		0.20	0.50	mg/L	1	31-May-2021 21:53
>nC12 to nC28	U		0.20	0.50	mg/L	1	31-May-2021 21:53
>nC28 to nC35	U		0.20	0.50	mg/L	1	31-May-2021 21:53
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	31-May-2021 21:53
Surr: 2-Fluorobiphenyl	*78.1*			*70-130*	*%REC*	*1*	*31-May-2021 21:53*
Surr: Trifluoromethyl benzene	*90.8*			*70-130*	*%REC*	*1*	*31-May-2021 21:53*
ICP-MS METALS BY SW6020A		**Method:SW6020A**			Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.00412**		**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:29
Barium	**0.467**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:29
Cadmium	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:29
Chromium	U		0.000400	0.00400	mg/L	1	02-Jun-2021 22:29
Lead	**0.00236**		**0.000600**	**0.00200**	**mg/L**	1	02-Jun-2021 22:29
Selenium	U		0.00110	0.00200	mg/L	1	02-Jun-2021 22:29
Silver	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:29
MERCURY BY SW7470A		**Method:SW7470A**			Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	U		0.0000300	0.000200	mg/L	1	02-Jun-2021 14:21

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-1D
Collection Date: 26-May-2021 16:01

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-04
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005		**Method:TX1005**			Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12	U		0.20	0.50	mg/L	1	31-May-2021 22:23
>nC12 to nC28	U		0.20	0.50	mg/L	1	31-May-2021 22:23
>nC28 to nC35	U		0.20	0.50	mg/L	1	31-May-2021 22:23
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	31-May-2021 22:23
Surr: 2-Fluorobiphenyl	*89.8*			*70-130*	*%REC*	*1*	*31-May-2021 22:23*
Surr: Trifluoromethyl benzene	*95.5*			*70-130*	*%REC*	*1*	*31-May-2021 22:23*
ICP-MS METALS BY SW6020A		**Method:SW6020A**			Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.000493**	J	**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:31
Barium	**0.0644**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:31
Cadmium	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:31
Chromium	**0.00405**		**0.000400**	**0.00400**	**mg/L**	1	02-Jun-2021 22:31
Lead	U		0.000600	0.00200	mg/L	1	02-Jun-2021 22:31
Selenium	**0.0172**		**0.00110**	**0.00200**	**mg/L**	1	02-Jun-2021 22:31
Silver	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:31
MERCURY BY SW7470A		**Method:SW7470A**			Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	U		0.0000300	0.000200	mg/L	1	02-Jun-2021 14:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-2D
Collection Date: 26-May-2021 13:11

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-05
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005		**Method:TX1005**			Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12	U		0.20	0.50	mg/L	1	31-May-2021 22:52
>nC12 to nC28	U		0.20	0.50	mg/L	1	31-May-2021 22:52
>nC28 to nC35	U		0.20	0.50	mg/L	1	31-May-2021 22:52
Total Petroleum Hydrocarbon	U		0.20	0.50	mg/L	1	31-May-2021 22:52
Surr: 2-Fluorobiphenyl	*83.6*			*70-130*	*%REC*	*1*	*31-May-2021 22:52*
Surr: Trifluoromethyl benzene	*91.5*			*70-130*	*%REC*	*1*	*31-May-2021 22:52*
ICP-MS METALS BY SW6020A		**Method:SW6020A**			Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.00314**		**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:33
Barium	**0.0457**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:33
Cadmium	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:33
Chromium	**0.000472**	J	**0.000400**	**0.00400**	**mg/L**	1	02-Jun-2021 22:33
Lead	**0.000645**	J	**0.000600**	**0.00200**	**mg/L**	1	02-Jun-2021 22:33
Selenium	**0.00113**	J	**0.00110**	**0.00200**	**mg/L**	1	02-Jun-2021 22:33
Silver	U		0.000200	0.00200	mg/L	1	02-Jun-2021 22:33
MERCURY BY SW7470A		**Method:SW7470A**			Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	U		0.0000300	0.000200	mg/L	1	02-Jun-2021 14:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-3D
Collection Date: 26-May-2021 14:11

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-06
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005		**Method:TX1005**			Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12		U	0.20	0.50	mg/L	1	31-May-2021 23:21
>nC12 to nC28		U	0.20	0.50	mg/L	1	31-May-2021 23:21
>nC28 to nC35		U	0.20	0.50	mg/L	1	31-May-2021 23:21
Total Petroleum Hydrocarbon		U	0.20	0.50	mg/L	1	31-May-2021 23:21
Surr: 2-Fluorobiphenyl	*86.1*			*70-130*	*%REC*	*1*	*31-May-2021 23:21*
Surr: Trifluoromethyl benzene	*95.0*			*70-130*	*%REC*	*1*	*31-May-2021 23:21*
ICP-MS METALS BY SW6020A		**Method:SW6020A**			Prep:SW3010A / 01-Jun-2021		Analyst: JC
Arsenic	**0.00312**		**0.000400**	**0.00200**	**mg/L**	1	02-Jun-2021 22:35
Barium	**0.0380**		**0.00190**	**0.00400**	**mg/L**	1	02-Jun-2021 22:35
Cadmium		U	0.000200	0.00200	mg/L	1	02-Jun-2021 22:35
Chromium		U	0.000400	0.00400	mg/L	1	02-Jun-2021 22:35
Lead		U	0.000600	0.00200	mg/L	1	02-Jun-2021 22:35
Selenium		U	0.00110	0.00200	mg/L	1	02-Jun-2021 22:35
Silver		U	0.000200	0.00200	mg/L	1	02-Jun-2021 22:35
MERCURY BY SW7470A		**Method:SW7470A**			Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury		U	0.0000300	0.000200	mg/L	1	02-Jun-2021 14:41

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: MW-2D (Dissolved)
Collection Date: 26-May-2021 13:11

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-07
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**				Prep:SW3010A / 28-May-2021		Analyst: JHD
Arsenic	**0.00302**		**0.000400**	**0.00200**	**mg/L**	1	28-May-2021 20:36
Barium	**0.0462**		**0.00190**	**0.00400**	**mg/L**	1	28-May-2021 20:36
Cadmium	U		0.000200	0.00200	mg/L	1	28-May-2021 20:36
Chromium	U		0.000400	0.00400	mg/L	1	28-May-2021 20:36
Lead	U		0.000600	0.00200	mg/L	1	28-May-2021 20:36
Selenium	**0.00205**		**0.00110**	**0.00200**	**mg/L**	1	28-May-2021 20:36
Silver	U		0.000200	0.00200	mg/L	1	28-May-2021 20:36
DISSOLVED MERCURY BY SW7470A	**Method:SW7470A (dissolved)**				Prep:SW7470A / 02-Jun-2021		Analyst: MSC
Mercury	**0.0000330**	J	**0.0000300**	**0.000200**	**mg/L**	1	02-Jun-2021 16:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: InControl Technologies
Project: N. Velasco Street
Sample ID: Trip Blank
Collection Date: 26-May-2021 00:00

ANALYTICAL REPORT
WorkOrder:HS21051431
Lab ID:HS21051431-08
Matrix:Water

ANALYSES	RESULT	QUAL	SDL	MQL	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL TEXAS TPH BY TX1005	**Method:TX1005**				Prep:TX1005PR / 28-May-2021		Analyst: MBG
nC6 to nC12		U	0.20	0.50	mg/L	1	31-May-2021 23:51
>nC12 to nC28		U	0.20	0.50	mg/L	1	31-May-2021 23:51
>nC28 to nC35		U	0.20	0.50	mg/L	1	31-May-2021 23:51
Total Petroleum Hydrocarbon		U	0.20	0.50	mg/L	1	31-May-2021 23:51
Surr: 2-Fluorobiphenyl	*89.7*			*70-130*	*%REC*	*1*	*31-May-2021 23:51*
Surr: Trifluoromethyl benzene	*96.3*			*70-130*	*%REC*	*1*	*31-May-2021 23:51*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Weight / Prep Log

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

Batch ID: 166350 **Start Date:** 28 May 2021 10:30 **End Date:** 28 May 2021 14:30
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21051431-07		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 166351 **Start Date:** 28 May 2021 12:05 **End Date:** 28 May 2021 12:50
Method: TX 1005 PREP **Prep Code:** TX 1005_W PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21051431-01	1	29.88 (g)	3 (mL)	0.1004	40 mL VOA w/ HCL
HS21051431-02	1	30.02 (g)	3 (mL)	0.09993	40 mL VOA w/ HCL
HS21051431-03	1	29.78 (g)	3 (mL)	0.1007	40 mL VOA w/ HCL
HS21051431-04	1	30.29 (g)	3 (mL)	0.09904	40 mL VOA w/ HCL
HS21051431-05	1	30.23 (g)	3 (mL)	0.09924	40 mL VOA w/ HCL
HS21051431-06	1	30.21 (g)	3 (mL)	0.0993	40 mL VOA w/ HCL
HS21051431-08	1	29.89 (g)	3 (mL)	0.1004	40 mL VOA w/ HCL

Batch ID: 166389 **Start Date:** 01 Jun 2021 09:00 **End Date:** 01 Jun 2021 13:00
Method: WATER - SW3010A **Prep Code:** 3010A

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21051431-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-05		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-06		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 166438 **Start Date:** 02 Jun 2021 08:30 **End Date:** 02 Jun 2021 11:30
Method: MERCURY PREP BY 7470A- WATER **Prep Code:** HG_WPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21051431-01		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-02		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-03		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-04		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-05		10 (mL)	10 (mL)	1	120 plastic HNO3
HS21051431-06		10 (mL)	10 (mL)	1	120 plastic HNO3

Batch ID: 166474 **Start Date:** 02 Jun 2021 12:00 **End Date:** 02 Jun 2021 15:00
Method: MERCURY PREP BY 7470A - DISSOLVED **Prep Code:** HG_W_DISSPR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS21051431-07		10 (mL)	10 (mL)	1	120 plastic HNO3

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 166350 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS21051431-07	MW-2D (Dissolved)	26 May 2021 13:11		28 May 2021 14:30	28 May 2021 20:36	1
Batch ID: 166351 (0)	**Test Name :** LOW-LEVEL TEXAS TPH BY TX1005				**Matrix:** Water	
HS21051431-01	MW-1S	26 May 2021 14:36		28 May 2021 12:05	31 May 2021 14:32	1
HS21051431-02	MW-3S	26 May 2021 13:16		28 May 2021 12:05	31 May 2021 21:24	1
HS21051431-03	MW-4S	26 May 2021 15:31		28 May 2021 12:05	31 May 2021 21:53	1
HS21051431-04	MW-1D	26 May 2021 16:01		28 May 2021 12:05	31 May 2021 22:23	1
HS21051431-05	MW-2D	26 May 2021 13:11		28 May 2021 12:05	31 May 2021 22:52	1
HS21051431-06	MW-3D	26 May 2021 14:11		28 May 2021 12:05	31 May 2021 23:21	1
HS21051431-08	Trip Blank	26 May 2021 00:00		28 May 2021 12:05	31 May 2021 23:51	1
Batch ID: 166389 (0)	**Test Name :** ICP-MS METALS BY SW6020A				**Matrix:** Water	
HS21051431-01	MW-1S	26 May 2021 14:36		01 Jun 2021 13:00	02 Jun 2021 22:13	1
HS21051431-02	MW-3S	26 May 2021 13:16		01 Jun 2021 13:00	02 Jun 2021 22:27	1
HS21051431-03	MW-4S	26 May 2021 15:31		01 Jun 2021 13:00	02 Jun 2021 22:29	1
HS21051431-04	MW-1D	26 May 2021 16:01		01 Jun 2021 13:00	02 Jun 2021 22:31	1
HS21051431-05	MW-2D	26 May 2021 13:11		01 Jun 2021 13:00	02 Jun 2021 22:33	1
HS21051431-06	MW-3D	26 May 2021 14:11		01 Jun 2021 13:00	02 Jun 2021 22:35	1
Batch ID: 166438 (0)	**Test Name :** MERCURY BY SW7470A				**Matrix:** Water	
HS21051431-01	MW-1S	26 May 2021 14:36		02 Jun 2021 11:30	02 Jun 2021 13:52	1
HS21051431-02	MW-3S	26 May 2021 13:16		02 Jun 2021 11:30	02 Jun 2021 14:19	1
HS21051431-03	MW-4S	26 May 2021 15:31		02 Jun 2021 11:30	02 Jun 2021 14:21	1
HS21051431-04	MW-1D	26 May 2021 16:01		02 Jun 2021 11:30	02 Jun 2021 14:38	1
HS21051431-05	MW-2D	26 May 2021 13:11		02 Jun 2021 11:30	02 Jun 2021 14:40	1
HS21051431-06	MW-3D	26 May 2021 14:11		02 Jun 2021 11:30	02 Jun 2021 14:41	1
Batch ID: 166474 (0)	**Test Name :** DISSOLVED MERCURY BY SW7470A				**Matrix:** Water	
HS21051431-07	MW-2D (Dissolved)	26 May 2021 13:11		02 Jun 2021 15:00	02 Jun 2021 16:31	1

WorkOrder: HS21051431
InstrumentID: FID-12
Test Code: TX1005_W_Low
Test Number: TX1005
Test Name: Low-level Texas TPH by TX1005

METHOD DETECTION / REPORTING LIMITS

Matrix: Aqueous **Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	nC6 to nC12	TPH-1005-1	0.25	0.34	0.20	0.50
A	>nC12 to nC28	TPH-1005-2	0.25	0.39	0.20	0.50
A	>nC28 to nC35	TPH-1005-4	0.25	0.39	0.20	0.50
A	Total Petroleum Hydrocarbon	TPH	0.25	0.39	0.20	0.50
S	2-Fluorobiphenyl	321-60-8	0	0	0	0
S	Trifluoromethyl benzene	98-08-8	0	0	0	0

WorkOrder: HS21051431
InstrumentID: HG03
Test Code: HG_Diss
Test Number: SW7470A (dissolved)
Test Name: Dissolved Mercury by SW7470A

METHOD DETECTION / REPORTING LIMITS

Matrix: Aqueous **Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Mercury	7439-97-6	0.000100	0.0000850	0.0000300	0.000200

WorkOrder: HS21051431
InstrumentID: HG03
Test Code: HG_W
Test Number: SW7470A
Test Name: Mercury by SW7470A

METHOD DETECTION / REPORTING LIMITS

Matrix: Aqueous **Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Mercury	7439-97-6	0.000100	0.0000850	0.0000300	0.000200

WorkOrder: HS21051431
InstrumentID: ICPMS06
Test Code: ICP_DISS
Test Number: SW6020A (dissolved)
Test Name: Dissolved Metals by SW6020A

METHOD DETECTION / REPORTING LIMITS

Matrix: Aqueous **Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Arsenic	7440-38-2	0.00100	0.00117	0.000400	0.00200
A	Barium	7440-39-3	0.00250	0.00232	0.00190	0.00400
A	Cadmium	7440-43-9	0.000500	0.000450	0.000200	0.00200
A	Chromium	7440-47-3	0.00100	0.000810	0.000400	0.00400
A	Lead	7439-92-1	0.00100	0.000895	0.000600	0.00200
A	Selenium	7782-49-2	0.00250	0.00178	0.00110	0.00200
A	Silver	7440-22-4	0.000500	0.000432	0.000200	0.00200

WorkOrder: HS21051431
InstrumentID: ICPMS04
Test Code: ICP_TW
Test Number: SW6020A
Test Name: ICP-MS Metals by SW6020A

METHOD DETECTION / REPORTING LIMITS

Matrix: Aqueous **Units:** mg/L

Type	Analyte	CAS	DCS Spike	DCS	MDL	PQL
A	Arsenic	7440-38-2	0.00100	0.000756	0.000400	0.00200
A	Barium	7440-39-3	0.00250	0.00151	0.00190	0.00400
A	Cadmium	7440-43-9	0.000500	0.000408	0.000200	0.00200
A	Chromium	7440-47-3	0.00100	0.000629	0.000400	0.00400
A	Lead	7439-92-1	0.00100	0.000773	0.000600	0.00200
A	Selenium	7782-49-2	0.00250	0.00145	0.00110	0.00200
A	Silver	7440-22-4	0.000500	0.000357	0.000200	0.00200

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166351 (0) **Instrument: FID-12** **Method: LOW-LEVEL TEXAS TPH BY TX1005**

MBLK Sample ID: **MBLK-166351** Units: **mg/L** Analysis Date: **31-May-2021 13:03**
Client ID: Run ID: **FID-12_384736** SeqNo: **6117823** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	U	0.50								
>nC12 to nC28	U	0.50								
>nC28 to nC35	U	0.50								
Total Petroleum Hydrocarbon	U	0.50								
Surr: 2-Fluorobiphenyl	*2.497*	*0*	*2.5*	*0*	*99.9*	*70 - 130*				
Surr: Trifluoromethyl benzene	*2.532*	*0*	*2.5*	*0*	*101*	*70 - 130*				

LCS Sample ID: **LCS-166351** Units: **mg/L** Analysis Date: **31-May-2021 13:33**
Client ID: Run ID: **FID-12_384736** SeqNo: **6117824** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	21.57	0.50	25	0	86.3	75 - 125				
>nC12 to nC28	22.18	0.50	25	0	88.7	75 - 125				
Surr: 2-Fluorobiphenyl	*2.443*	*0*	*2.5*	*0*	*97.7*	*70 - 130*				
Surr: Trifluoromethyl benzene	*2.389*	*0*	*2.5*	*0*	*95.6*	*70 - 130*				

LCSD Sample ID: **LCSD-166351** Units: **mg/L** Analysis Date: **31-May-2021 14:02**
Client ID: Run ID: **FID-12_384736** SeqNo: **6117825** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	22.64	0.50	25	0	90.6	75 - 125	21.57	4.85	20	
>nC12 to nC28	24.23	0.50	25	0	96.9	75 - 125	22.18	8.82	20	
Surr: 2-Fluorobiphenyl	*2.479*	*0*	*2.5*	*0*	*99.2*	*70 - 130*	*2.443*	*1.47*	*20*	
Surr: Trifluoromethyl benzene	*2.49*	*0*	*2.5*	*0*	*99.6*	*70 - 130*	*2.389*	*4.14*	*20*	

MS Sample ID: **HS21051431-01MS** Units: **mg/L** Analysis Date: **31-May-2021 15:01**
Client ID: **MW-1S** Run ID: **FID-12_384736** SeqNo: **6117827** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	23.5	0.49	24.59	0	95.6	75 - 125				
>nC12 to nC28	24.56	0.49	24.59	0	99.9	75 - 125				
Surr: 2-Fluorobiphenyl	*2.508*	*0*	*2.459*	*0*	*102*	*70 - 130*				
Surr: Trifluoromethyl benzene	*2.499*	*0*	*2.459*	*0*	*102*	*70 - 130*				

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166351 (0) **Instrument: FID-12** **Method: LOW-LEVEL TEXAS TPH BY TX1005**

MSD Sample ID: **HS21051431-01MSD** Units: **mg/L** Analysis Date: **31-May-2021 15:31**
Client ID: **MW-1S** Run ID: **FID-12_384736** SeqNo: **6117828** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
nC6 to nC12	21.87	0.50	24.77	0	88.3	75 - 125	23.5	7.15	20	
>nC12 to nC28	24.22	0.50	24.77	0	97.8	75 - 125	24.56	1.42	20	
Surr: 2-Fluorobiphenyl	*2.268*	*0*	*2.477*	*0*	*91.6*	*70 - 130*	*2.508*	*10*	*20*	
Surr: Trifluoromethyl benzene	*2.266*	*0*	*2.477*	*0*	*91.5*	*70 - 130*	*2.499*	*9.77*	*20*	

The following samples were analyzed in this batch: HS21051431-01 HS21051431-02 HS21051431-03 HS21051431-04 HS21051431-05 HS21051431-06 HS21051431-08

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166350 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLKF2-166350** Units: **mg/L** Analysis Date: **28-May-2021 17:09**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116624** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.00200								
Barium	U	0.00400								
Cadmium	U	0.00200								
Chromium	0.002652	0.00400								J
Lead	U	0.00200								
Selenium	U	0.00200								
Silver	U	0.00200								

MBLK Sample ID: **MBLKF1-166350** Units: **mg/L** Analysis Date: **28-May-2021 17:07**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116623** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.00200								
Barium	U	0.00400								
Cadmium	U	0.00200								
Chromium	U	0.00400								
Lead	U	0.00200								
Selenium	U	0.00200								
Silver	U	0.00200								

MBLK Sample ID: **MBLK-166350** Units: **mg/L** Analysis Date: **28-May-2021 17:05**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116622** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.00200								
Barium	U	0.00400								
Cadmium	U	0.00200								
Chromium	U	0.00400								
Lead	U	0.00200								
Selenium	0.001959	0.00200								J
Silver	U	0.00200								

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166350 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

LCS Sample ID: **LCS-166350** Units: **mg/L** Analysis Date: **28-May-2021 17:11**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116625** PrepDate: **28-May-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04848	0.00200	0.05	0	97.0	80 - 120				
Barium	0.04985	0.00400	0.05	0	99.7	80 - 120				
Cadmium	0.05117	0.00200	0.05	0	102	80 - 120				
Chromium	0.04966	0.00400	0.05	0	99.3	80 - 120				
Lead	0.04828	0.00200	0.05	0	96.6	80 - 120				
Selenium	0.05011	0.00200	0.05	0	100	80 - 120				
Silver	0.04949	0.00200	0.05	0	99.0	80 - 120				

MS Sample ID: **HS21050984-04MS** Units: **mg/L** Analysis Date: **28-May-2021 17:38**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116635** PrepDate: **28-May-2021** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.2163	0.0100	0.05	0.1673	97.9	75 - 125				
Barium	0.05344	0.0200	0.05	0.004545	97.8	75 - 125				
Cadmium	0.09748	0.0100	0.05	0.05012	94.7	75 - 125				
Chromium	0.7533	0.0200	0.05	0.6946	117	75 - 125				O
Lead	0.04833	0.0100	0.05	0.000247	96.2	75 - 125				
Selenium	0.3856	0.0100	0.05	0.3244	123	75 - 125				O
Silver	0.04226	0.0100	0.05	0.000248	84.0	75 - 125				

MS Sample ID: **HS21050978-01MS** Units: **mg/L** Analysis Date: **28-May-2021 18:02**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116647** PrepDate: **28-May-2021** DF: **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05579	0.0200	0.05	0.007408	96.8	75 - 125				
Barium	0.09467	0.0400	0.05	0.04602	97.3	75 - 125				
Cadmium	0.05166	0.0200	0.05	0.00006	103	75 - 125				
Chromium	0.0526	0.0400	0.05	0.001945	101	75 - 125				
Lead	0.04956	0.0200	0.05	-0.00006	99.2	75 - 125				
Selenium	U	0.0200	0.05	0.003926	-7.85	75 - 125				S
Silver	0.04605	0.0200	0.05	0.000472	91.2	75 - 125				

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166350 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MSD Sample ID: **HS21050984-04MSD** Units: **mg/L** Analysis Date: **28-May-2021 17:42**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116637** PrepDate: **28-May-2021** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.206	0.0100	0.05	0.1673	77.3	75 - 125	0.2163	4.89	20	
Barium	0.05146	0.0200	0.05	0.004545	93.8	75 - 125	0.05344	3.78	20	
Cadmium	0.09284	0.0100	0.05	0.05012	85.4	75 - 125	0.09748	4.87	20	
Chromium	0.7219	0.0200	0.05	0.6946	54.4	75 - 125	0.7533	4.26	20	SO
Lead	0.04652	0.0100	0.05	0.000247	92.5	75 - 125	0.04833	3.83	20	
Selenium	0.3662	0.0100	0.05	0.3244	83.6	75 - 125	0.3856	5.17	20	O
Silver	0.04021	0.0100	0.05	0.000248	79.9	75 - 125	0.04226	4.97	20	

MSD Sample ID: **HS21050978-01MSD** Units: **mg/L** Analysis Date: **28-May-2021 18:06**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116649** PrepDate: **28-May-2021** DF: **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05276	0.0200	0.05	0.007408	90.7	75 - 125	0.05579	5.58	20	
Barium	0.0953	0.0400	0.05	0.04602	98.6	75 - 125	0.09467	0.667	20	
Cadmium	0.04818	0.0200	0.05	0.00006	96.2	75 - 125	0.05166	6.98	20	
Chromium	0.05396	0.0400	0.05	0.001945	104	75 - 125	0.0526	2.55	20	
Lead	0.05105	0.0200	0.05	-0.00006	102	75 - 125	0.04956	2.95	20	
Selenium	0.01125	0.0200	0.05	0.003926	14.7	75 - 125	0	0	20	JS
Silver	0.04498	0.0200	0.05	0.000472	89.0	75 - 125	0.04605	2.36	20	

PDS Sample ID: **HS21050984-04PDS** Units: **mg/L** Analysis Date: **28-May-2021 17:44**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116638** PrepDate: **28-May-2021** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.6528	0.0100	0.5	0.1673	97.1	75 - 125				
Barium	0.4985	0.0200	0.5	0	99.7	75 - 125				
Cadmium	0.5334	0.0100	0.5	0.05012	96.7	75 - 125				
Chromium	1.18	0.0200	0.5	0.6946	97.1	75 - 125				
Lead	0.4955	0.0100	0.5	0	99.1	75 - 125				
Selenium	0.9022	0.0100	0.5	0.3244	116	75 - 125				
Silver	0.4303	0.0100	0.5	0	86.1	75 - 125				

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166350 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

PDS Sample ID: **HS21050978-01PDS** Units: **mg/L** Analysis Date: **28-May-2021 18:08**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116650** PrepDate: **28-May-2021** DF: **10**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.9556	0.0200	1	0.007408	94.8	75 - 125				
Barium	1.048	0.0400	1	0.04602	100	75 - 125				
Cadmium	0.9363	0.0200	1	0	93.6	75 - 125				
Chromium	1.004	0.0400	1	0	100	75 - 125				
Lead	0.9865	0.0200	1	0	98.7	75 - 125				
Selenium	0.9455	0.0200	1	0	94.6	75 - 125				
Silver	0.8618	0.0200	1	0	86.2	75 - 125				

SD Sample ID: **HS21050984-04SD** Units: **mg/L** Analysis Date: **28-May-2021 17:36**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116634** PrepDate: **28-May-2021** DF: **25**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	0.1692	0.0500					0.1673	1.14	10	
Barium	U	0.100					0.004545	0	10	
Cadmium	0.05	0.0500					0.05012	0.233	10	J
Chromium	0.7235	0.100					0.6946	4.15	10	
Lead	U	0.0500					0.000247	0	10	
Silver	U	0.0500					0.000248	0	10	

SD Sample ID: **HS21050978-01SD** Units: **mg/L** Analysis Date: **28-May-2021 18:00**
Client ID: Run ID: **ICPMS06_384592** SeqNo: **6116646** PrepDate: **28-May-2021** DF: **50**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	U	0.100					0.007408	0	10	
Barium	U	0.200					0.04602	0	10	
Cadmium	U	0.100					0.00006	0	10	
Chromium	U	0.200					0.001945	0	10	
Lead	U	0.100					-0.00006	0	10	
Selenium	U	0.100					0.003926	0	10	
Silver	U	0.100					0.000472	0	10	

The following samples were analyzed in this batch: HS21051431-07

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166389 (0) **Instrument: ICPMS04** **Method: ICP-MS METALS BY SW6020A**

MBLK Sample ID: **MBLK-166389** Units: **mg/L** Analysis Date: **02-Jun-2021 22:09**
Client ID: Run ID: **ICPMS04_384810** SeqNo: **6119905** PrepDate: **01-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.00200								
Barium	U	0.00400								
Cadmium	U	0.00200								
Chromium	U	0.00400								
Lead	U	0.00200								
Selenium	U	0.00200								
Silver	U	0.00200								

LCS Sample ID: **LCS-166389** Units: **mg/L** Analysis Date: **02-Jun-2021 22:11**
Client ID: Run ID: **ICPMS04_384810** SeqNo: **6119906** PrepDate: **01-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04633	0.00200	0.05	0	92.7	80 - 120				
Barium	0.04776	0.00400	0.05	0	95.5	80 - 120				
Cadmium	0.05086	0.00200	0.05	0	102	80 - 120				
Chromium	0.04725	0.00400	0.05	0	94.5	80 - 120				
Lead	0.04571	0.00200	0.05	0	91.4	80 - 120				
Selenium	0.04533	0.00200	0.05	0	90.7	80 - 120				
Silver	0.04855	0.00200	0.05	0	97.1	80 - 120				

MS Sample ID: **HS21051431-01MS** Units: **mg/L** Analysis Date: **02-Jun-2021 22:17**
Client ID: **MW-1S** Run ID: **ICPMS04_384810** SeqNo: **6119909** PrepDate: **01-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04908	0.00200	0.05	0.001883	94.4	80 - 120				
Barium	0.1247	0.00400	0.05	0.07482	99.8	80 - 120				
Cadmium	0.05016	0.00200	0.05	0.001369	97.6	80 - 120				
Chromium	0.04752	0.00400	0.05	0.000804	93.4	80 - 120				
Lead	0.0565	0.00200	0.05	0.009756	93.5	80 - 120				
Selenium	0.0516	0.00200	0.05	0.00486	93.5	80 - 120				
Silver	0.04549	0.00200	0.05	0.000042	90.9	80 - 120				

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166389 (0) **Instrument: ICPMS04** **Method: ICP-MS METALS BY SW6020A**

MSD Sample ID: **HS21051431-01MSD** Units: **mg/L** Analysis Date: **02-Jun-2021 22:19**
Client ID: **MW-1S** Run ID: **ICPMS04_384810** SeqNo: **6119910** PrepDate: **01-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04803	0.00200	0.05	0.001883	92.3	80 - 120	0.04908	2.16	20	
Barium	0.1249	0.00400	0.05	0.07482	100	80 - 120	0.1247	0.127	20	
Cadmium	0.05069	0.00200	0.05	0.001369	98.6	80 - 120	0.05016	1.05	20	
Chromium	0.04597	0.00400	0.05	0.000804	90.3	80 - 120	0.04752	3.33	20	
Lead	0.05652	0.00200	0.05	0.009756	93.5	80 - 120	0.0565	0.0389	20	
Selenium	0.05048	0.00200	0.05	0.00486	91.2	80 - 120	0.0516	2.19	20	
Silver	0.04061	0.00200	0.05	0.000042	81.1	80 - 120	0.04549	11.3	20	

PDS Sample ID: **HS21051431-01PDS** Units: **mg/L** Analysis Date: **02-Jun-2021 22:21**
Client ID: **MW-1S** Run ID: **ICPMS04_384810** SeqNo: **6119911** PrepDate: **01-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1044	0.00200	0.1	0.001883	103	75 - 125				
Barium	0.1816	0.00400	0.1	0.07482	107	75 - 125				
Cadmium	0.1043	0.00200	0.1	0.001369	103	75 - 125				
Chromium	0.09884	0.00400	0.1	0.000804	98.0	75 - 125				
Lead	0.1118	0.00200	0.1	0.009756	102	75 - 125				
Selenium	0.1066	0.00200	0.1	0.00486	102	75 - 125				
Silver	0.0968	0.00200	0.1	0.000042	96.8	75 - 125				

SD Sample ID: **HS21051431-01SD** Units: **mg/L** Analysis Date: **02-Jun-2021 22:15**
Client ID: **MW-1S** Run ID: **ICPMS04_384810** SeqNo: **6119908** PrepDate: **01-Jun-2021** DF: **5**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Arsenic	0.0027	0.0100					0.001883	0	10	J
Barium	0.07603	0.0200					0.07482	1.61	10	
Cadmium	0.001531	0.0100					0.001369	0	10	J
Chromium	U	0.0200					0.000804	0	10	
Lead	0.01024	0.0100					0.009756	0	10	
Selenium	U	0.0100					0.00486	0	10	
Silver	U	0.0100					0.000042	0	10	

The following samples were analyzed in this batch: HS21051431-01 HS21051431-02 HS21051431-03 HS21051431-04 HS21051431-05 HS21051431-06

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166438 (0) **Instrument: HG03** **Method: MERCURY BY SW7470A**

MBLK Sample ID: **MBLK-166438** Units: **mg/L** Analysis Date: **02-Jun-2021 13:44**
Client ID: Run ID: **HG03_384793** SeqNo: **6119488** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.000200								

LCS Sample ID: **LCS-166438** Units: **mg/L** Analysis Date: **02-Jun-2021 13:50**
Client ID: Run ID: **HG03_384793** SeqNo: **6119489** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00542	0.000200	0.005	0	108	80 - 120				

MS Sample ID: **HS21051431-01MS** Units: **mg/L** Analysis Date: **02-Jun-2021 13:54**
Client ID: **MW-1S** Run ID: **HG03_384793** SeqNo: **6119491** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00521	0.000200	0.005	0.000006	104	75 - 125				

MSD Sample ID: **HS21051431-01MSD** Units: **mg/L** Analysis Date: **02-Jun-2021 13:56**
Client ID: **MW-1S** Run ID: **HG03_384793** SeqNo: **6119492** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00483	0.000200	0.005	0.000006	96.5	75 - 125	0.00521	7.57	20	

The following samples were analyzed in this batch: HS21051431-01 HS21051431-02 HS21051431-03 HS21051431-04 HS21051431-05 HS21051431-06

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: HS21051431

QC BATCH REPORT

Batch ID: 166474 (0) **Instrument: HG03** **Method: DISSOLVED MERCURY BY SW7470A (DISSOLVED)**

MBLK Sample ID: **MBLKF1-166474** Units: **mg/L** Analysis Date: **02-Jun-2021 16:28**
Client ID: Run ID: **HG03_384793** SeqNo: **6119741** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.000200								

MBLK Sample ID: **MBLK-166474** Units: **mg/L** Analysis Date: **02-Jun-2021 16:26**
Client ID: Run ID: **HG03_384793** SeqNo: **6119740** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	U	0.000200								

LCS Sample ID: **LCS-166474** Units: **mg/L** Analysis Date: **02-Jun-2021 16:29**
Client ID: Run ID: **HG03_384793** SeqNo: **6119742** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00482	0.000200	0.005	0	96.4	80 - 120				

MS Sample ID: **HS21051431-07MS** Units: **mg/L** Analysis Date: **02-Jun-2021 16:33**
Client ID: **MW-2D (Dissolved)** Run ID: **HG03_384793** SeqNo: **6119744** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0049	0.000200	0.005	0.000033	97.3	80 - 120				

MSD Sample ID: **HS21051431-07MSD** Units: **mg/L** Analysis Date: **02-Jun-2021 16:35**
Client ID: **MW-2D (Dissolved)** Run ID: **HG03_384793** SeqNo: **6119745** PrepDate: **02-Jun-2021** DF: **1**

Analyte	Result	MQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0056	0.000200	0.005	0.000033	111	80 - 120	0.0049	13.3	20	

The following samples were analyzed in this batch: HS21051431-07

Client: InControl Technologies
Project: N. Velasco Street
WorkOrder: **HS21051431**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	21-022-0	26-Mar-2022
Dept of Defense	PJLA L20-507-R2	22-Dec-2021
Florida	E87611-30-07/01/2020	30-Jun-2021
Kansas	E-10352 2020-2021	31-Jul-2021
Kentucky	123043, 2021-2022	30-Apr-2022
Louisiana	03087, 2020-2021	30-Jun-2021
North Carolina	624-2021	31-Dec-2021
Oklahoma	2020-165	31-Aug-2021
Texas	T104704231-21-27	30-Apr-2022
Utah	TX026932021-10	31-Jul-2021

Sample Receipt Checklist

Work Order ID: HS21051431 **Date/Time Received:** **27-May-2021 14:18**

Client Name: In Control **Received by:** **Patrick Salome**

Completed By:	/S/ Pablo Marinez	27-May-2021 18:16	**Reviewed by:**	/S/ Bernadette A. Fini	28-May-2021 08:31
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **WATER** Carrier name: **ALS.HS**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	COC IDs:N/A
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	0.3°C UC/C	IR 31	
Cooler(s)/Kit(s):	47206		
Date/Time sample(s) sent to storage:	5/27/21 18:25		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

ALS Laboratory Group

10450 Stancliff Rd Ste 210, Houston, TX 77099
TF: (800) 443-1511 PH: (281) 530-5656 FX: (281) 530-5887

Chain-of-Custody

Form 202r8

PROJECT NAME	N. Velasco Street	SAMPLER	E. Stibbe / S. Stoneberg	DATE	5/27/21
PROJECT No.	E21032-101	SITE ID		TURNAROUND	24Hr 48Hr 72Hr (5 day)
		EDD FORMAT			
		PURCHASE ORDER			
COMPANY NAME	InControl Technologies LLC	BILL TO COMPANY	InControl Technologies LLC		
SEND REPORT TO	Mike Marcon, Emily Stibbe	INVOICE ATTN TO	Angela Marcon		
ADDRESS	14731 Pebble Bend Dr.	ADDRESS	14731 Pebble Bend Dr		
CITY / STATE / ZIP	Houston, TX 77068	CITY / STATE / ZIP	Houston, TX 77068		
PHONE	281-580-8892	PHONE	281-580-8892		
FAX	281-580-8853	FAX	281-580-8853		
E-MAIL		E-MAIL	invoicing@incontroltech.com		

WORKORDER #	
PAGE	1 of 1
DISPOSAL	(By Lab) or Return to Client

HS21051431

InControl Technologies
N. Velasco Street

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TX1005 TPH	6020 RCRA 8 Metals
	MW-1S	W	5/26/2021	1436	4	1/2		X	X
	MW-3S	W	5/26/2021	1316	4	1/2		X	X
	MW-4S	W	5/26/2021	1531	4	1/2		X	X
	MW-1D	W	5/26/2021	1601	4	1/2		X	X
	MW-2D	W	5/26/2021	1311	4	1/2		X	X
	MW-3D	W	5/26/2021	1411	4	1/2		X	X
	MW-2D (Dissolved)	W	5/26/2021	1311	1	1/2			X
	Trip Blank	W	-	-	2	2		X	

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:		QC PACKAGE (check below)
47206 0.3C IR51 CFO		LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)
	X	TRRP

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		E. Stibbe		
RECEIVED BY		S. Stoneberg	5-27-21	1330
RELINQUISHED BY		S. Stoneberg	5/27/21	1518
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887 47206	**CUSTODY SEAL** Date: 3/26/21 Time: 17:30 Name: E. Stiles Company: ICT	Seal Broken By: PM Date: 5.27.21

Attachment 2

Groundwater Monitoring Well Construction Details

Lead Products - Lead Products
Station: COHMW01 - Well Construction Log

Geologist/Engineer: Grayson Pointer

Start Date: 06/09/98 Time: 0700

End Date: 06/09/98 Time: 0830

Drilling Method: Hollow Stem Auger

Drilling Company: BEST

Borehole Diameter: 6.0 *inches*

Total Depth: 20.0 *feet*

Northing: 80793.64

Easting: 30300.71

Ground Elevation: 33.70

Datum Elevation: 36.15

Completion: Well Pad

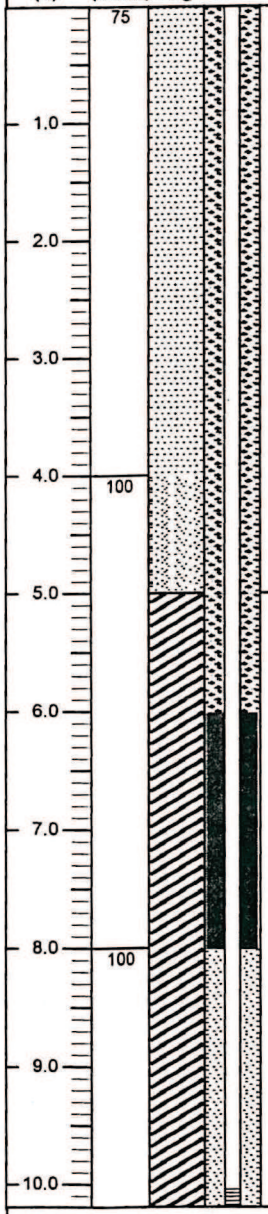
Well Casing: PVC

Well Diameter: 4.0 *inches*

Total Well Depth: 20.0 *feet*

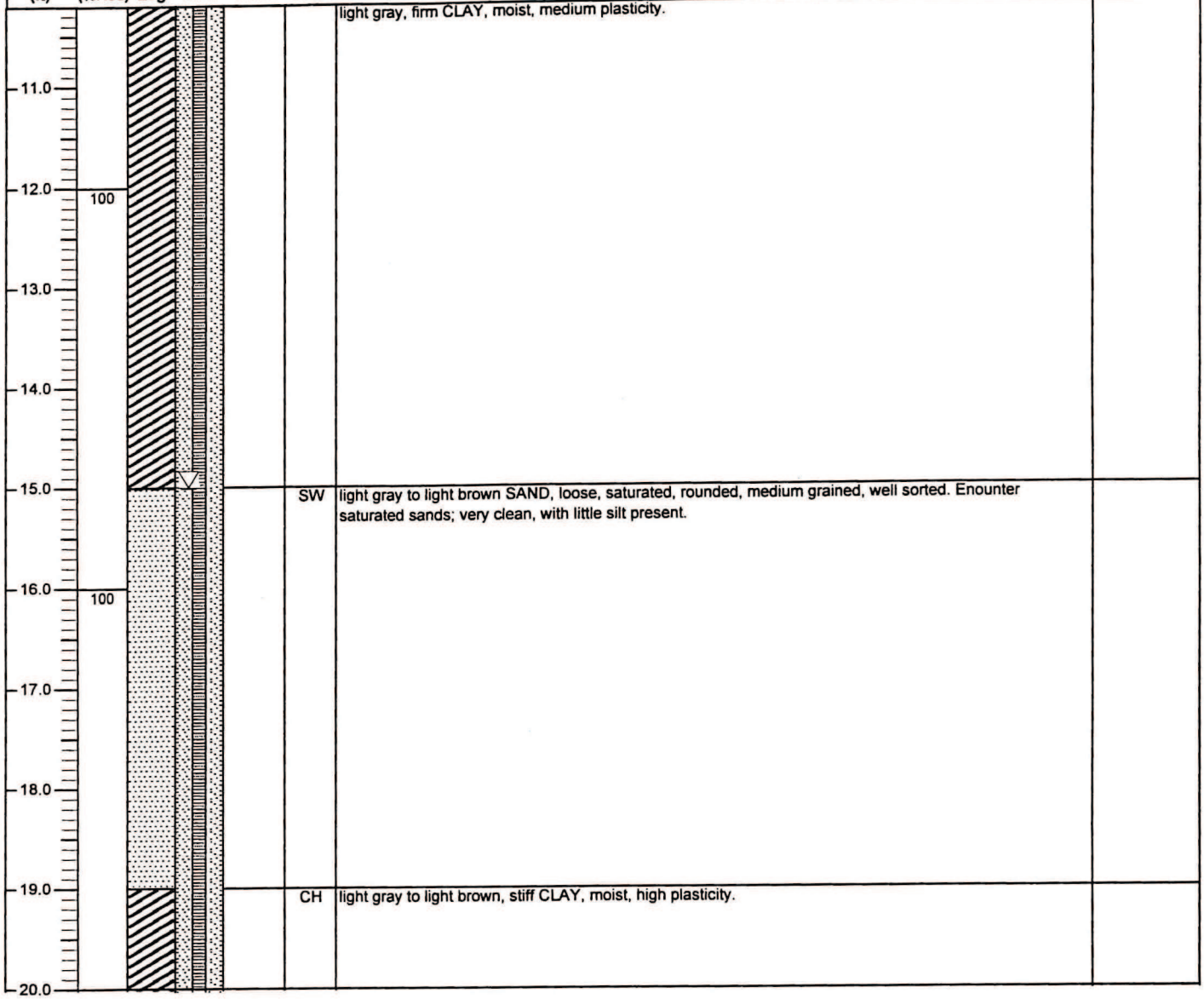
Observations:

COHMW01 is located on the City of Houston property located north of the LP site. A dozer was used to clear and level brush and debris from the area. No air monitoring instrument was used during this boring.



Depth (ft)	Interval (%Rec)	Log	Well	Monitor Instr.	USCS	Description	Sample ID
0.0	75			-	SM	dark brown to black SILTY SAND, loose, dry, subrounded, medium grained, poorly sorted. Upper 1.5 feet, encountered some battery casings, and glass; however mostly clean soils.	
4.0	100				SM	SAND-SILT MIXTURE.	
5.0					CH	light gray, firm CLAY, moist, medium plasticity.	
8.0	100						

Lead Products - Lead Products
Station: COHMW01 - Well Construction Log



Depth (ft)	Interval (%Rec)	Log	Well	Monitor Instr.	USCS	Description	Sample ID
11.0						light gray, firm CLAY, moist, medium plasticity.	
12.0	100						
13.0							
14.0							
15.0					SW	light gray to light brown SAND, loose, saturated, rounded, medium grained, well sorted. Enounter saturated sands; very clean, with little silt present.	
16.0	100						
17.0							
18.0							
19.0					CH	light gray to light brown, stiff CLAY, moist, high plasticity.	
20.0							

November 20, 2006

Terracon
Consulting Engineers & Scientists

11555 Clay Road, Suite 100
Houston, Texas 77043
Phone 713.690.8989
Fax 713.690.8787
www.terracon.com

Mr. David Reel
City of Houston Mayor's Office
Brownfields Redevelopment Program
900 Bagby, 2nd Floor
Houston, Texas, 77022

Telephone: (713) 437-6524
Fax: (713) 247-1219

Re: Limited Site Investigation
City of Houston - Vacant Land
800 Block North Velasco Street
Houston, Harris County, Texas
Terracon Project No. 92067647

Dear Mr. Reel:

Terracon Consultants, Inc. (Terracon) is pleased to submit three copies of the Limited Site Investigation (LSI) report for the above referenced site. This investigation was performed in accordance with Terracon's Proposal Number P92-1532E-06 dated August 14, 2006.

The investigation-derived waste (IDW) materials are currently staged on-site. Upon your request, Terracon will dispose of the IDW as described in Terracon's proposal.

We appreciate the opportunity to perform these services for the City of Houston's Brownfields Redevelopment Program. Please contact either of the undersigned at (713) 690-8989 if you have questions regarding the information provided in the report.

Sincerely,
Terracon

Prepared by:

Prasad Rajulu
Senior Project Manager

Reviewed by:

Steven R. Neely, P.E.
Program Manager

STATE OF TEXAS
11/22/06
STEVEN R. NEELY
47965
REGISTERED
PROFESSIONAL ENGINEER

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-1
TOTAL DEPTH: 25.0'
SURFACE ELEVATION: Not Determined
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC
DRILLER: Bruce Morris
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 15' Type PVC
DATE DRILLED: 9-14-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0			0.5	TOSPOIL CLAY, sandy, light gray with tan mottling, low plasticity, no odor	0
			0			4		
5			0				SAND, silty, gray to light brown, dry, no odor	5
			0					
10			0					10
			0				- grades to dark tan	
			0				- grades to light tan	
15			0					15
			0			18.5	- wet to saturated	
20			0				CLAY, light gray with dark tan mottling, dry, no odor	20
			0					
25			0			25	**Boring terminated at 25 ft. bgs.**	25
30								30
35								35
40								40

REMARKS:
MW-1 was initially completed as a monitor well, however, it did not yield groundwater and was plugged and abandoned and an adjacent monitor well (MW-1A) was installed

Terracon

ENVLOG1 067647.GPJ 11/21/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-1A
TOTAL DEPTH: 40.0'
SURFACE ELEVATION: 36.6
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 30' Type PVC
DATE DRILLED: 9-13-06

DEPTH (FT)	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations
0	0			0.5	TOPSOIL
	0				CLAY, sandy, light gray with tan mottling, low plasticity, no odor
	0			4	
5	0				SAND, silty, gray to light brown, dry, no odor
	0				
	0				
	0				
	0				
10	0				
	0				
	0				
	0				- grades to dark tan
	0				
15	0				- grades to light tan
	0				
	0				
	0				
	0			18.5	
	0			19	- wet to saturated
20	0				CLAY, light gray with dark tan mottling, dry, no odor
	0				
	0				
	0				
	0				
25	0			25	
	0				CLAY, silty, dark red with gray mottling, low plasticity, crumbly, no odor
	0				
	0				
	0				
	0				
30	0				
	0				
	0				
	0				
	0				
▽	0		◀	34	
35	0				SAND, silty, dark brown to red, no odor, **Terminated boring at 40 feet below ground surface (bgs).**
	0				
	0				
	0				
	0				
40	0			40	

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-2
TOTAL DEPTH: 45.0'
SURFACE ELEVATION: 34.9
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC
DRILLER: Bruce Morris
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 35' Type PVC
DATE DRILLED: 9-11-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0			0.5	TOPSOIL SAND, silty, light tan to red, dry, no odor	0
5			0					5
10			0				- grades to light tan	10
15			0			17		15
20			0				CLAY, light tan with tan mottling, dry, plastic, stiff, no odor - sand seam approximately 8" thick	20
25			0					25
30			0				- grades to red with gray mottling, extremely stiff	30
35	▽		0			33	SAND, silty, dark red to brown, no odor - wet to saturated	35
40			0					40

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-2
TOTAL DEPTH: 45.0'
SURFACE ELEVATION: 34.9
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: QRI, LLC
DRILLER: Bruce Morris
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 35' Type PVC
DATE DRILLED: 9-11-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
40			0					40
			0					
			0					
45			0			45		45
							Boring terminated at 45 ft. bgs	
50								50
55								55
60								60
65								65
70								70
75								75
80								80

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-3
TOTAL DEPTH: 40.0'
SURFACE ELEVATION: 35.8
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 30' Type PVC
DATE DRILLED: 9-13-06

DEPTH (FT)	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations
0	0				FILL, ash mixed with sand and silt, dark brown to black, glass fragments throughout, non plastic, no odor
5	0				
10	0			10	
	0				CLAY, sandy, light gray with tan mottling, plastic, no odor
15	0			15	
	0				SAND, silty, light tan, damp, coarse, no odor
	0			17	
	0		◀	18	- sandy clay seam approximately 1' thick
20	0				CLAY, light tan, dry, stiff, plastic, no odor
25	0				
	0			27.5	- grades to red wih gray mottling, extremely stiff
	0				CLAY, silty, gray with red, dry, plastic, no odor
30	0				
▽	0		◀	34	
35	0				SAND, silty, dark red to brown, wet to saturated, no odor, **Terminated boring at 40 ft. below ground surface (bgs)**
40	0			40	

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-4
TOTAL DEPTH: 55.0'
SURFACE ELEVATION: 48.9
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 45' Type PVC
DATE DRILLED: 9-13-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0				FILL, silt and sand mixed with broken glass fragments, dark brown to black, non plastic	0
5			0					5
10			0					10
15			0					15
20			0					20
25			0					25
30			0					30
						33		
35			0				CLAY, gray with tan mottling, dry, plastic, stiff, no odor - grades to red with gray, extremely stiff, high plasticity	35
40			0			40	- calcareous concretions approximately 1 ' thick	40

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-4
TOTAL DEPTH: 55.0'
SURFACE ELEVATION: 48.9
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 45' Type PVC
DATE DRILLED: 9-13-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
40			0				SILT, clayey, gray with red mottles, damp, low plasticity, no odor	40
45			0			45		45
			0			48	CLAY, silty, gray with red and various tan shades, damp, low palsticity, no odor	
50			0				SAND, silty, dark red to brown, wet to saturated, no odor	50
55			0			55		55
60							**Terminated boring at 55 ft. below ground surface (bgs)**	60
65								65
70								70
75								75
80								80

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-5
TOTAL DEPTH: 50.0'
SURFACE ELEVATION: 46.3
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 40' Type PVC
DATE DRILLED: 9-15-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0				FILL, silt and sand mixed with ash, glass fragments throughout, black to dark brown, non plastic	0
5			0					5
10			0					10
15			0					15
20			0					20
25			0					25
30			0					30
			19.7			31	- odor to 31 ft.	
			0				SILT, sandy, light gray, damp, no odor	
35			0				- grades to light tan with gray	35
40			0			40		40

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-5
TOTAL DEPTH: 50.0'
SURFACE ELEVATION: 46.3
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 40' Type PVC
DATE DRILLED: 9-15-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
40								40
			0				CLAY, silty, light red with gray mottling, dry, crumbles to the touch, non plastic, no odor	
			0					
			0					
			0					
45			0					45
			0				- wet to saturated	
			0					
			0					
			0			49		
50			0			50	CLAY, red with gray mottles, dry, extremely stiff, high plasticity, no odor	50
							Terminated boring at 50 ft. below ground surface (bgs)	
55								55
60								60
65								65
70								70
75								75
80								80

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-6
TOTAL DEPTH: 50.0'
SURFACE ELEVATION: 45.8
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 40' Type PVC
DATE DRILLED: 9-16-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
0			0				FILL, silt and sand mixed with ash and glass fragments, black to dark brown, non plastic	0
5			0					5
10			0					10
15			0					15
20			0					20
25			0					25
30			0					30
35			0			35	CLAY, red with gray mottling, dry, extremely stiff, plastic, no odor	35
40			0					40

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

SOIL BORING / MONITOR WELL LOG

PROJECT: City of Houston
PROJECT NUMBER: 92067647
CLIENT: City of Houston
BORING / WELL NUMBER: MW-6
TOTAL DEPTH: 50.0'
SURFACE ELEVATION: 45.8
SUPERVISOR: Josh McFarlain

DRILLING COMPANY: Alpine Field Services
DRILLER: Jamie Vasquez
DRILLING METHOD: Hollow Stem Auger (HSA)
BORE HOLE DIAMETER: 8.25"
SCREEN: Diam. 2" Length 10' Slot Size 0.01"
CASING: Diam. 2" Length 40' Type PVC
DATE DRILLED: 9-16-06

DEPTH (FT)	SOIL SYMBOL	WELL CONSTRUCTION	PID	SAMPLES	SAMPLE DEPTH	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM Name (Sym.), Color, Water Content, Plasticity, Density, Gradation, Grain Size, Observations	DEPTH (FT)
40			0			43		40
			0					
			0					
			0			44	- silty clay seam approximately 1' thick	
45			0				SAND, silty, red to dark brown, wet to saturated, no odor	45
			0					
			0					
			0					
			0					
50			0			50		50
							Terminated boring at 50 ft. below ground surface (bgs)	
55								55
60								60
65								65
70								70
75								75
80								80

REMARKS:

Terracon

ENVLOG1 067647.GPJ 11/17/06

ENVIROTEST LTD.
When Quality is the Priority

January 13, 2009

Pinto East End L.L.C.
Ms. Debra Levy
c/o Brown McCarrol L.L.P.
1111 Bagby, 47th Floor
Houston, Texas 77002

RE: Tract 10 Phase II Subsurface Delineation Investigation
East End Tract 10 – 1.49-Acre Tract
1000 Block of North Velasco Street, Houston, Harris County, Texas
Envirotest Project Number: HOU 08 1377

Dear Ms. Levy:

Please find enclosed the final report of the Tract 10 Phase II Subsurface Delineation Investigation for the 1.49-acre tract of land located in the 1000 block of North Velasco Street in Houston, Harris County, Texas. This investigation was conducted for Pinto East End LLC and was authorized by Mr. Ernie Cockrell.

Please do not hesitate to call if you have any questions regarding this matter. We appreciate the opportunity to be of service to you.

Sincerely,

Jason A. Binford
Vice President of Operations
Envirotest, Ltd.
By ETI Management, LLC

Robert P. Copus, P.G.
Vice President of Operations
Envirotest, Ltd.
By: ETI Management, L.L.C.

STATE OF TEXAS
ROBERT P. COPUS
GEOLOGY
NO. 3692
LICENSED
PROFESSIONAL GEOSCIENTIST

Matthew R. Monroe, M.S.
Environmental Project Manager
Envirotest, Ltd.

HOUSTON • CORPUS CHRISTI • BEAUMONT

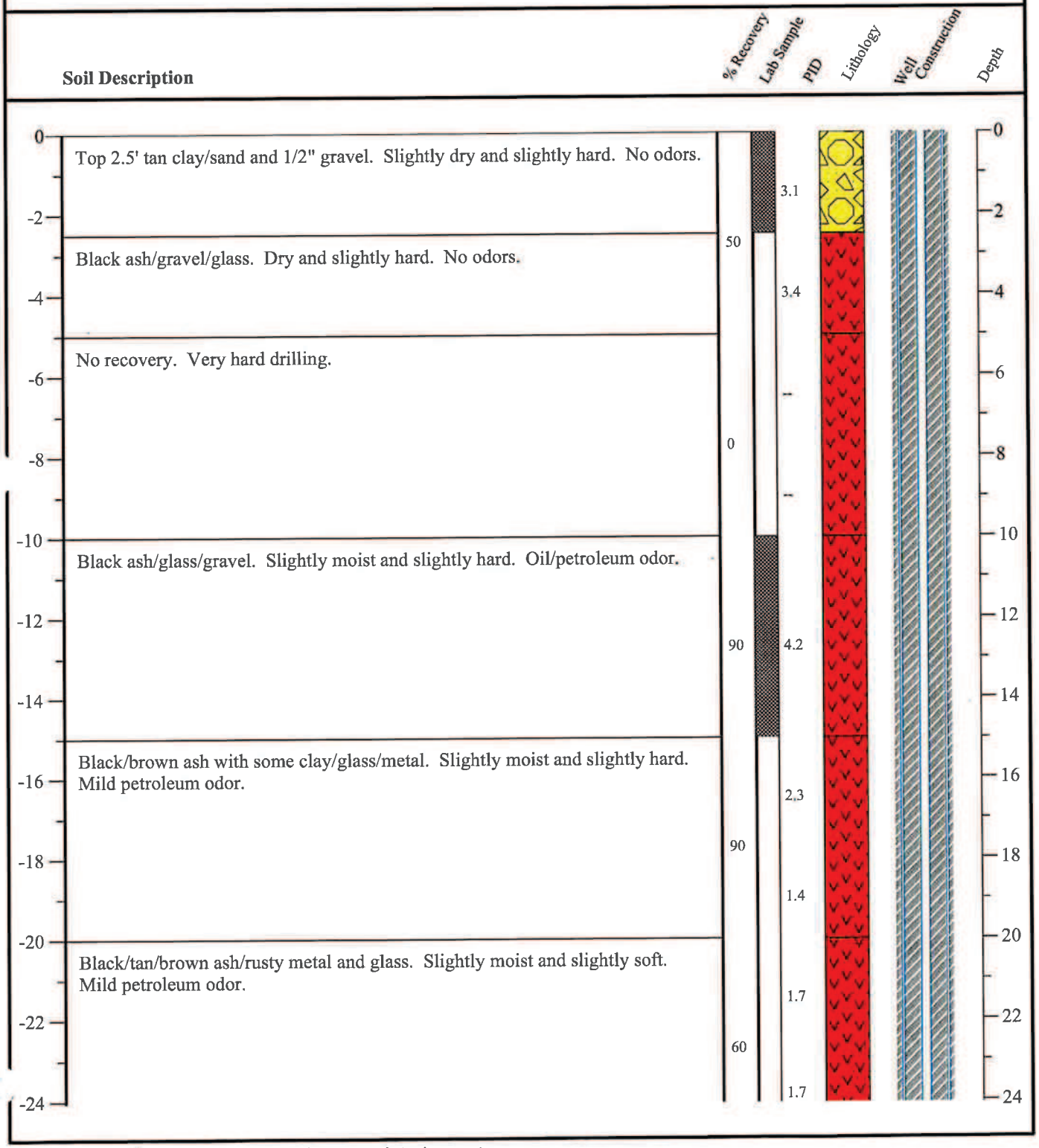
CORPORATE OFFICE: 3902 Braxton • Houston, Texas 77063 • Voice 713.782.4411 • Toll Free 1.800.460.1736 • Fax 713.782.3428 • www.envirotestltd.com

ENVIROTEST, LTD.

BORING/WELL LOG: MW-1D

Project:	Tract 10 Delineation
Project No.:	HOU 08 1377
Site:	1000 Blk. N. Velasco
Location:	Houston, TX
Logged by:	M.Monroe
Drilling Co.:	MEDI
Driller:	Shawn/Pat

Date Drilled: 10-8-08
Well Casing Information: 2-inch Schedule 40 PVC
Drilling Method: SS/HAS
Sampling Method: Grab
First Encountered Water: ▽ Static Water: ▼
GPS Coordinates



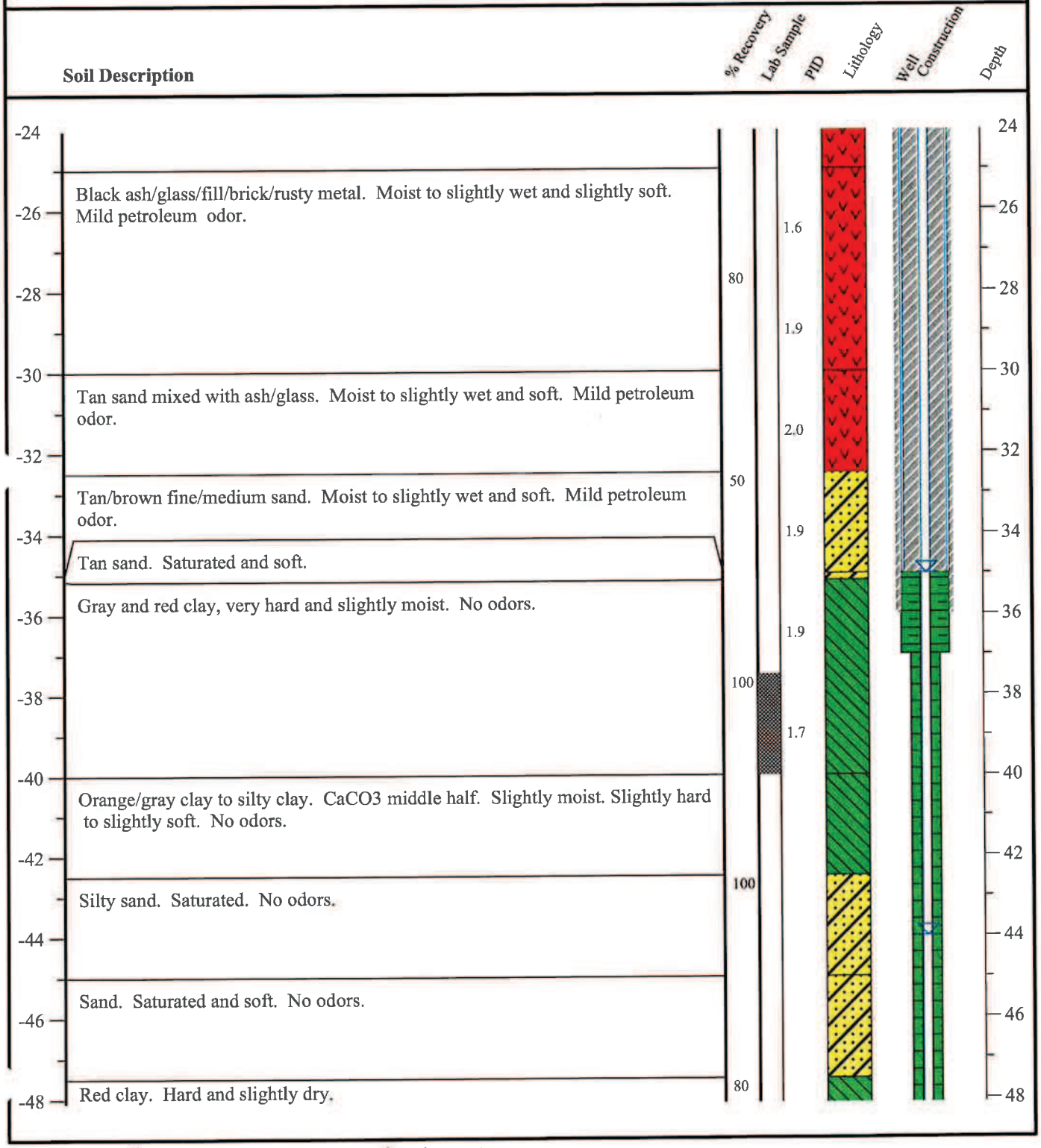
Do not use well log separate from the associated report.

ENVIROTEST, LTD.

BORING/WELL LOG: MW-1D

Project:	Tract 10 Delineation
Project No.:	HOU 08 1377
Site:	1000 Blk. N. Velasco
Location:	Houston, TX
Logged by:	M.Monroe
Drilling Co.:	MEDI
Driller:	Shawn/Pat

Date Drilled: 10-8-08
Well Casing Information: 2-inch Schedule 40 PVC
Drilling Method: SS/HAS
Sampling Method: Grab
First Encountered Water: ▽ Static Water: ▼
GPS Coordinates



Do not use well log separate from the associated report.

ENVIROTEST, LTD.

BORING/WELL LOG: MW-1D

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Logged by:	M.Monroe
Drilling Co.:	MEDI
Driller:	Shawn/Pat

Date Drilled: 10-8-08
Well Casing Information: 2-inch Schedule 40 PVC
Drilling Method: SS/HAS
Sampling Method: Grab
First Encountered Water: ▽ Static Water: ▼
GPS Coordinates

Soil Description

% Recovery | Lab Sample | PID | Lithology | Well Construction | Depth

-48
-50 — Red silty clay to clayey silt. Saturated and soft.
-52
-54 — Red silty clay to clayey silt. Saturated and soft. Increased silt towards bottom.
-56
-58
-60

20
0

48
50
52
54
56
58
60

Do not use well log separate from the associated report.

Attachment 3_____

Water Well Report

TEXAS WATER WELL REPORT

Project Property:	*Former City of Houston Velasco Incinerator Site* *0 North Velasco Street* *Houston TX*
Project No:	*12022-0001*
Order No:	*24012600065*
Requested by:	*SKA Consulting, L.P.*
Date Completed:	*January 29, 2024*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Former City of Houston Velasco Incinerator Site* *0 North Velasco Street Houston TX*
Project No:	*12022-0001*

Coordinates:

Latitude:	*29.75990919*
Longitude:	*-95.3356565*
UTM Northing:	*3,294,467.50*
UTM Easting:	*274,159.10*
UTM Zone:	*15R*
Target Property Geometry:	*POLYGON*

County/Parish Covered:	*Harris (TX)*
Zipcode(s) Covered:	*Houston TX: 77002, 77003, 77009, 77011, 77020, 77023, 77026*
State(s) Covered:	*TX*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.50mi	Total
Federal				
FED USGS	Y	0	0	0
State				
TCEQ WELL LOGS	Y	0	**1**	**1**
SDRW WELLS	Y	0	0	0
GWDB	Y	0	**6**	**6**
WW FORT BEND	Y	0	0	0
WW HIGH PLAINS	Y	0	0	0
WW HARRIS GAL	Y	0	**2**	**2**
WUD	Y	0	0	0
	Total:	0	**9**	**9**

**** PO – Property Only***

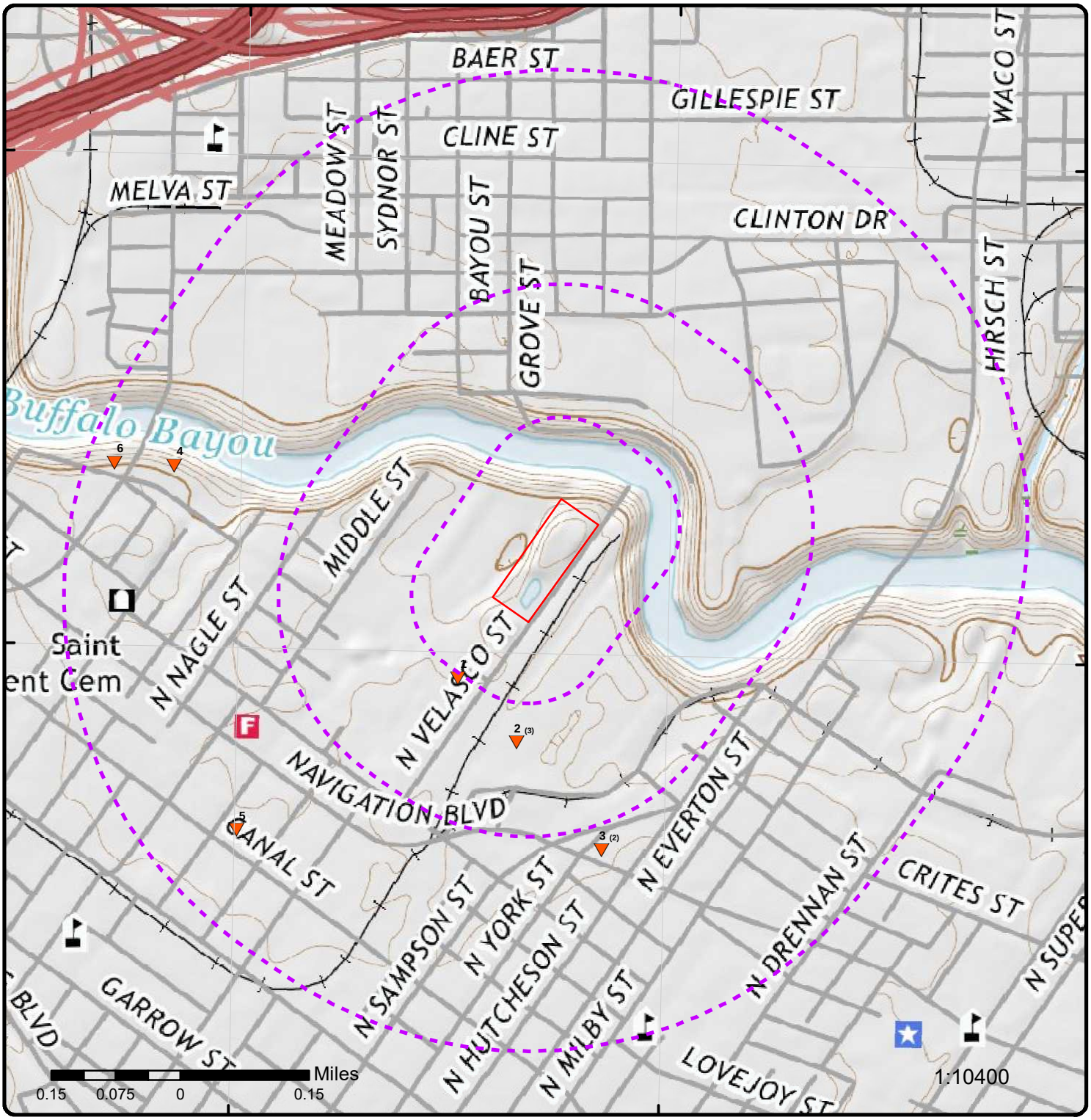
Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
1	GWDB	Lead Products Co.	TX	SW	0.10 / 533.34	12
			State Well No* | *Owner Name: *6514762 | Lead Products Co.*			
2	GWDB	Houston Packing co	TX	S	0.14 / 746.37	14
			State Well No* | *Owner Name: *6514755 | Houston Packing co*			
2	GWDB	Houston Packing Co. Well #3	TX	S	0.14 / 746.37	16
			State Well No* | *Owner Name: *6514756 | Houston Packing Co. Well #3*			
2	GWDB	Houston Packing Co. Well #4	TX	S	0.14 / 746.37	18
			State Well No* | *Owner Name: *6514758 | Houston Packing Co. Well #4*			
3	GWDB	Trinity Portland Cement Co.	TX	SSE	0.28 / 1,474.67	20
			State Well No* | *Owner Name: *6514705 | Trinity Portland Cement Co.*			
3	WW HARRIS GAL	GENERAL PORTLAND, INC.	TX	SSE	0.28 / 1,474.67	21
			Well ID: *1576*			
4	WW HARRIS GAL	HOUSTON SHELL & CONCRETE	TX	WNW	0.40 / 2,119.84	22
			Well ID: *2843*			
5	TCEQ WELL LOGS	FELIX MORALES	TX	SW	0.40 / 2,128.58	23
			Grid No* | *Owners Name: *65-22-2D | FELIX MORALES*			
6	GWDB	Zero Ice Co.	TX	W	0.47 / 2,469.57	25
			State Well No* | *Owner Name: *6514754 | Zero Ice Co.*			

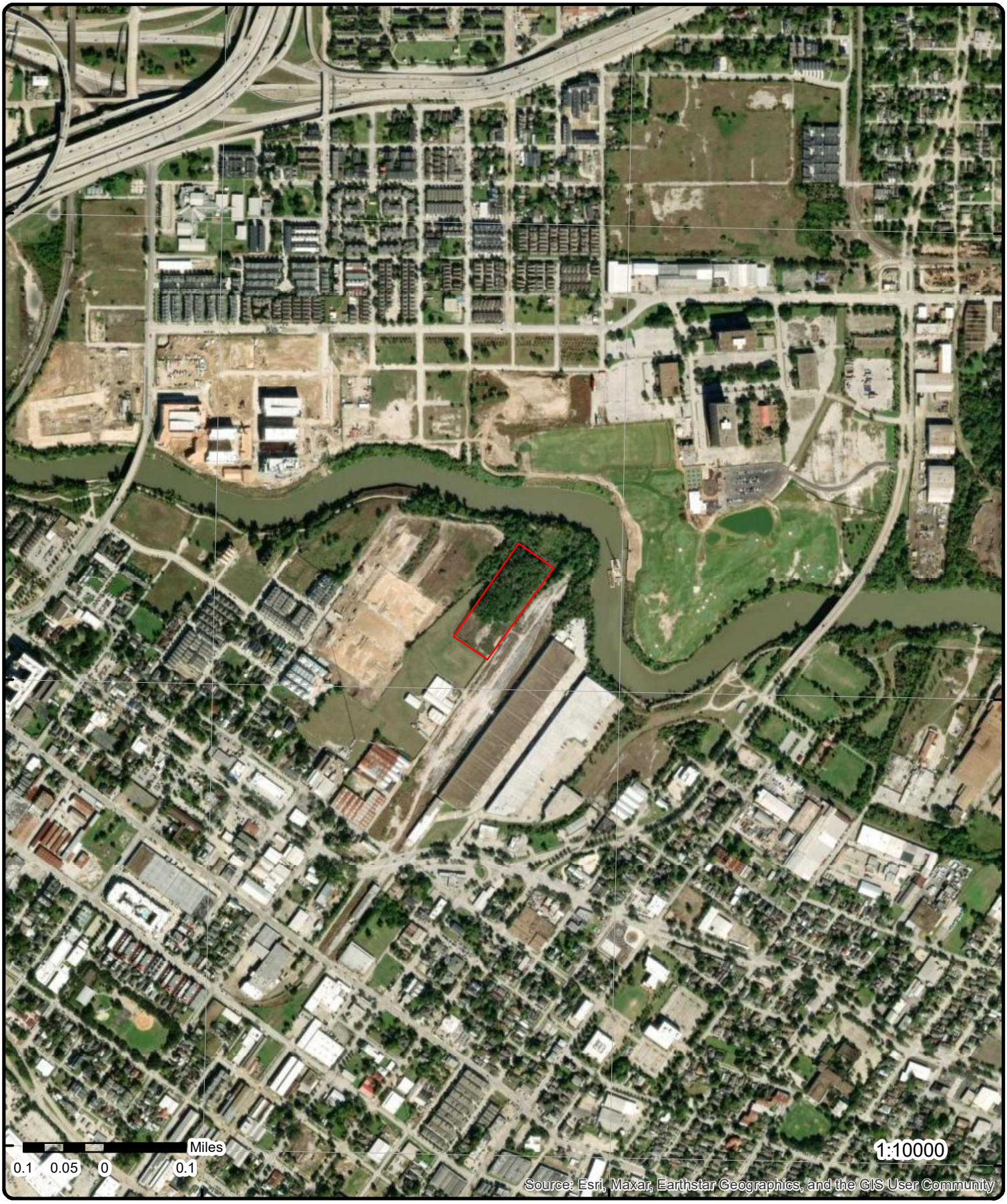


Map: 0.5 Mile Radius
Order Number: 24012600065
Address: 0 North Velasco Street, Houston, TX

ERIS

Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation



Aerial **Year: 2022**

Order Number: 24012600065

Address: 0 North Velasco Street, Houston, TX

Source: ESRI World Imagery

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	1 of 1	SW	0.10 / 533.34	Lead Products Co. TX	GWDB

Well Rep Track No:	
State Well No:	6514762
Owner Name:	Lead Products Co.
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1953
Well Depth:	258
Well Usage:	Unused
Water Level Status:	
Latitude:	29.7575010
Longitude:	-95.3377780
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514762&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514762&Cnty=Harris

Texas Water Development Board
Well Schedule

State Well Number 6514762 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294527 **Longitude** 952016 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Lead Products Co.

Driller
H.L. Jackson

Address _____ **Tenant/Oper.** _____

Date Drilled / /1953 **Depth** 258 **Source of Depth** **Altitude** 40 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method**

Completion

Casing Material Blank

Screen Material Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from____**to**____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1955
-110

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 233 ot 258 ft. Reported yield 100 gpm when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514762

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	1 of 3	S	0.14 / 746.37	Houston Packing co TX	GWDB

Well Rep Track No:	
State Well No:	6514755
Owner Name:	Houston Packing co
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1907
Well Depth:	1616
Well Usage:	Unused
Water Level Status:	
Latitude:	29.7572230
Longitude:	-95.3363890
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514755&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514755&Cnty=Harris

Texas Water Development Board
Well Schedule

State Well Number 6514755 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294526 **Longitude** 952011 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Houston Packing co

Driller
G.C. Warniecke

Address _____ **Tenant/Oper.** _____

Date Drilled / /1907 **Depth** 1616 **Source of Depth** **Altitude** 40 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank

Completion **Screen Material** Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1938
-40

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 1536 to 1616 ft.
Reported yield 258 gpm with 60 ft
drawdown Feb.1938. Well 1.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514755

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	2 of 3	S	0.14 / 746.37	Houston Packing Co. Well #3 TX	GWDB

Well Rep Track No:	
State Well No:	6514756
Owner Name:	Houston Packing Co. Well #3
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1930
Well Depth:	619
Well Usage:	Industrial
Water Level Status:	
Latitude:	29.7580560
Longitude:	-95.3366670
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514756&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514756&Cnty=Harris

Texas Water Development Board
Well Schedule

State Well Number 6514756 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294529 **Longitude** 952012 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Packing Co.
Well #3

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1930 **Depth** 619 **Source of Depth** **Altitude** 40 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** **Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____**

Completion **Screen Material**

LIFT DATA - **Pump Mfr. -** _____ **Type -** TURBINE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1941
-102

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 101 ft. of screen
between 235 and 611 ft.
Yield: 200 gpm with 22 ft.
drawdown on 7/13/41

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005 **Well Number -** 6514756

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	3 of 3	S	0.14 / 746.37	Houston Packing Co. Well #4 TX	GWDB

Well Rep Track No:	
State Well No:	6514758
Owner Name:	Houston Packing Co. Well #4
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1936
Well Depth:	424
Well Usage:	Industrial
Water Level Status:	
Latitude:	29.7583340
Longitude:	-95.3347220
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514758&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514758&Cnty=Harris

Texas Water Development Board
Well Schedule

State Well Number 6514758 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294530 **Longitude** 952005 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Packing Co.
Well #4

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1936 **Depth** 424 **Source of Depth** **Altitude** 40 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** **Screen Material** **Completion**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** TURBINE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1936
-71

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 68 ft. of screen
between 339 and 420 ft.
Yield: 500 gpm with 43 ft.
drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005 **Well Number -** 6514758

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
3	1 of 2	SSE	0.28 / 1,474.67	Trinity Portland Cement Co. TX	GWDB

Well Rep Track No:	
State Well No:	6514705
Owner Name:	Trinity Portland Cement Co.
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1951
Well Depth:	612
Well Usage:	Industrial
Water Level Status:	
Latitude:	29.7550010
Longitude:	-95.3344450
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514705&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514705&Cnty=Harris

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
3	2 of 2	SSE	0.28 / 1,474.67	GENERAL PORTLAND, INC. TX	WW HARRIS GAL

Well ID: 1576
Aggre Lead Well: 1576
Permit No: W1978-1576-576-0
Permit Start Date: 1/14/1978
Permit End Dt: 1/31/1979
Well Status: P - Plugged
Regulatory Aarea: 2
Owner Name: GENERAL PORTLAND, INC.
Billing Contact: NULL
Billing Address: P.O. Box 152
Billing Address 2: NULL
Billing City: Houston
Billing State: TX
Billing Zip: 77001
Correspondence: TRINITY SOUTH DIVISION
Provision: NULL
Water Usage: I - Industrial

Diameter (inches): 14
Year Drilled: 1951
Depth Drilled: 612
Depth frm Surf(ft): 500
County: H
Latitude: 29.755277
Longitude: -95.334722

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
4	1 of 1	WNW	0.40 / 2,119.84	HOUSTON SHELL & CONCRETE TX	WW HARRIS GAL

Well ID:	2843	**Diameter (inches):**	6
Aggre Lead Well:	2843	**Year Drilled:**	1962
Permit No:	W1978-2843-1843-0	**Depth Drilled:**	640
Permit Start Date:	6/1/1978	**Depth frm Surf(ft):**	600
Permit End Dt:	5/31/1979	**County:**	H
Well Status:	P - Plugged	**Latitude:**	29.762222
Regulatory Aarea:	2	**Longitude:**	-95.343333
Owner Name:	HOUSTON SHELL & CONCRETE		
Billing Contact:	PAT CALDWELL		
Billing Address:	P.O. Box 348		
Billing Address 2:	NULL		
Billing City:	Houston		
Billing State:	TX		
Billing Zip:	77001		
Correspondence:	NULL		
Provision:	NULL		
Water Usage:	I - Industrial		

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
5	1 of 1	SW	0.40 / 2,128.58	FELIX MORALES TX	TCEQ WELL LOGS

Grid No:	65-22-2D
Date Drilled:	04/14/1970
Owners Name:	FELIX MORALES
County:	HARRIS
Water Usage:	DOMESTIC
Static Level:	115
Depth Drilled:	186
Latitude:	29.755245
Longitude:	-95.341532

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TWDB use only
Well No. 65-22-20
Located on map
Received: 70

1) OWNER:
Person having well drilled: Felix Morales (Name) Address: 2901 Canal, Houston, Texas (Street or RFD) (City) (State)
Landowner: Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Harris, miles in (N.E., S.W., etc.) direction from SW Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
2.
Map on - 60-64-18
North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 186 ft. Depth of completed well 186 ft. Date drilled 4/14/70
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Fill
5	60	Red clay
60	73	Red sand
73	163	Blue clay
163	186	Sand

(Use reverse side if necessary)

9) Casing: Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 131 ft. to 171 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	171'	Sch 40

10) SCREEN: Type Plastic wrapped
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	176	186	12 ca.

7) COMPLETION (Check): Straight wall ✓ Gravel packed Other Under reamed Open Hole

8) WATER LEVEL:
Static level 115 ft. below land surface Date 4/14/70
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 157 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes (No) If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes (No)
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Millard M. Smith (Type or Print) Water Well Drillers Registration No. 467
ADDRESS 12401 Kayla Ln. (Street or RFD) Houston, (City) Texas (State)
(Signed) Millard Smith (Water Well Driller) A & L Pump & Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

TX6522200O4

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
6	1 of 1	W	0.47 / 2,469.57	Zero Ice Co. TX	GWDB

Well Rep Track No:	
State Well No:	6514754
Owner Name:	Zero Ice Co.
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1923
Well Depth:	881
Well Usage:	Unused
Water Level Status:	
Latitude:	29.7608340
Longitude:	-95.3450000
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=6514754&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=6514754&Cnty=Harris

Texas Water Development Board
Well Schedule

State Well Number 6514754 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294539 **Longitude** 952042 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Zero Ice Co.

Driller
Layne Bowler Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1923 **Depth** 881 **Source of Depth** **Altitude** 30 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1938
-56

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 180 ft. of screen
between 150 and 694 ft.
Yield: 375 gpm with 50 ft.
drawdown on 2/23/38

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Tuesday, August 30, 2005 **Well Number -** 6514754

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update.

Federal

Wells from NWIS: FED USGS

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This select NWIS Wells dataset contains specific Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern. Applicable NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

Government Publication Date: Sep 27, 2023

State

Well Log Reports from Plotted Water Wells: TCEQ WELL LOGS

Locations of TCEQ Water Wells as derived from well logs in the Texas Commission on Environmental Quality (TCEQ) Water Well Report Viewer, which includes unnumbered water wells and those plotted to 2.5 minute grid locations (2-3 miles). In this collection of Well Log Reports, locations have been manually verified.

Government Publication Date: Jul 26, 2022

Select Wells from SDR: SDRW WELLS

Locations of wells from the Submitted Drillers Report (SDR) Database with select proposed usage: Domestic, Fracking Supply, Industrial, Irrigation, Other, Public Supply, Rig Supply, Stock, Unknown. SDR is populated from the online Texas Well Report Submission and Retrieval System (TWRSRS), a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application requiring registered water-well drillers to submit reports. Excludes SDR records with the following proposed usage: Closed-Loop Geothermal, De-watering, Environmental Soil Boring, Extraction, Injection, Monitor, Test Well.

Government Publication Date: Sep 6, 2023

Groundwater Database: GWDB

The Texas Water Development Board (TWDB) Groundwater Database (GWDB) contains information on selected water wells, springs, oil/gas tests (that were originally intended to be or were converted to water wells), water levels and water quality.

Government Publication Date: Oct 16, 2023

Fort Bend Subsidence District Water Wells: WW FORT BEND

List of water wells in the Fort Bend Subsidence District, boundaries of which are defined as all the territory within Fort Bend County. The Fort Bend Subsidence District was created by the Texas Legislature in 1989 as a conservation and reclamation district to control land subsidence and manage groundwater resources through regulation, conservation, and coordination with suppliers of alternative water sources to assure an adequate quantity and quality of water for the future. The District's purpose is to provide for the regulation of the withdrawal of groundwater within the District to prevent subsidence that contributes to flooding, inundation or overflow of areas within the District, including rising waters resulting from storms or hurricanes.

Government Publication Date: Jul 6, 2023

High Plains Water Wells: WW HIGH PLAINS

Inventory of water wells in the High Plains Underground Water Conservation District No. 1 (HPUWCD), which was created in 1951. As a political subdivision of Texas, HPUWCD is charged with protecting, preserving and conserving aquifers within the District's 16-county service area.

Government Publication Date: Apr 17, 2023

Harris Galveston Subsidence District Water Wells: WW HARRIS GAL

List of water wells in the Harris-Galveston Subsidence District (HGSD). The HGSD was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

Government Publication Date: Jul 6, 2023

Water Utility Database: WUD

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Government Publication Date: Oct 1, 2020

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Attachment 4

Telephone/Interview Reports

TELEPHONE REPORT

PROJECT:	Former City of Houston Velasco Incinerator Site			**PROJECT NO.:**	12022-0001
FROM:	Ryan Rutaivilavan	**WITH:**	SKA Consulting, L.P.	**DATE:**	2/23/2024
TO:	Carter Simons	**WITH:**	Property Owner	**TIME:**	8:24 AM
PHONE:	(713) 906-3240				

A call was made to Mr. Carter Simons regarding two reported water wells located on Allpro Manufacturing (Lead Products Company, VCP No. 334), which is located southwest of the subject property. Mr. Simons stated that he knew of the existence of the water well by the building and that the well had been capped during VCP remediation activities, and has not been in use in at least 25 years. Mr. Simons also explained that he had no knowledge of there being another water well on the property. Further, he indicated that the property is serviced by the City of Houston municipal water system.

REPORTED BY: Ryan Rutaivilavan

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INTERVIEW REPORT

PROJECT:	Former City of Houston Velasco Incinerator Site			**PROJECT NO.:**	12022-0001
FROM:	Courtney Sims	**WITH:**	SKA Consulting, L.P.	**DATE:**	2/23/2024
TO:	Wendy Ostera	**WITH:**	Allpro Manufacturing	**TIME:**	9:13 AM
PHONE:	(713) 224-9546				

SKA spoke with Ms. Wendy Ostera, an employee of Allpro Manufacturing, regarding two reported water wells located at Allpro Manufacturing (Lead Products Company, VCP No. 334). Ms. Ostera stated that the property is serviced by the City of Houston municipal water system. Further she had no knowledge of any water wells being located at the property with the exception of what Mr. Carter Simons (President of Lead Products Company) had informed her on prior to SKA arriving at the facility to inspect the reported locations of the water wells. She indicated that Mr. Simons told her that a water well was formerly located within the facility, but he did not know about the water well located in the open field southwest of the buildings.

REPORTED BY: Courtney Sims

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